

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX051520\
 Data File : VX016271.D
 Acq On : 15 May 2020 11:38
 Operator : JC/SP
 Sample : VX0515WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0515WBS01

Manual Integrations
 APPROVED

MMDadoda
 5/18/2020 12:52:42 PM

Quant Time: May 16 07:23:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 06 06:43:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	273878	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	432266	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	395321	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	200302	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	160251	44.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.94%	
35) Dibromofluoromethane	5.46	113	127961	46.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.46%	
50) Toluene-d8	8.70	98	508387	48.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.36%	
62) 4-Bromofluorobenzene	11.12	95	187949	46.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.66%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.18	85	50622	17.462	ug/l	98
3) Chloromethane	1.31	50	56045	16.647	ug/l	99
4) Vinyl Chloride	1.39	62	59727	16.629	ug/l	99
5) Bromomethane	1.63	94	37775	20.861	ug/l	100
6) Chloroethane	1.71	64	36772	16.826	ug/l	98
7) Trichlorofluoromethane	1.92	101	79451	16.849	ug/l	98
8) Diethyl Ether	2.17	74	33323	16.772	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.37	101	46270	17.007	ug/l	99
10) Methyl Iodide	2.49	142	47325	12.950	ug/l	99
11) Tert butyl alcohol	3.01	59	73091	80.201	ug/l	100
12) 1,1-Dichloroethene	2.36	96	45790	16.084	ug/l	98
13) Acrolein	2.27	56	36594	64.167	ug/l	98
14) Allyl chloride	2.71	41	84416	16.171	ug/l	95
15) Acrylonitrile	3.11	53	157906	83.522	ug/l	100
16) Acetone	2.42	43	119982	74.613	ug/l	96
17) Carbon Disulfide	2.55	76	133536	15.476	ug/l	99
18) Methyl Acetate	2.75	43	70000	17.704	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	173217	17.649	ug/l	98
20) Methylene Chloride	2.83	84	55938	16.874	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	52076	16.414	ug/l	98
22) Diisopropyl ether	3.82	45	169228	17.184	ug/l	93
23) Vinyl Acetate	3.78	43	728930	84.132	ug/l	99
24) 1,1-Dichloroethane	3.67	63	95220	17.285	ug/l	99
25) 2-Butanone	4.63	43	215112	83.016	ug/l	98
26) 2,2-Dichloropropane	4.55	77	86664	17.226	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	61031	17.596	ug/l	96
28) Bromochloromethane	4.98	49	46674	18.580	ug/l	95
29) Tetrahydrofuran	5.09	42	143538	83.601	ug/l	97
30) Chloroform	5.17	83	96387	17.573	ug/l	98
31) Cyclohexane	5.54	56	84432	16.864	ug/l	100
32) 1,1,1-Trichloroethane	5.46	97	87193	17.488	ug/l	99
36) 1,1-Dichloropropene	5.77	75	73425	17.256	ug/l	98
37) Ethyl Acetate	4.79	43	82965	16.823	ug/l	98
38) Carbon Tetrachloride	5.75	117	76482	17.684	ug/l	91

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 Misc : 5.0mL/MSVOA X/WATER
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 Quant Title : SW846 8260
 QLast Update : Wed May 06 06:43:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	85268	16.640	ug/l	100
40) Benzene	6.11	78	220112	17.680	ug/l	99
41) Methacrylonitrile	5.01	41	44700	16.783	ug/l	97
42) 1,2-Dichloroethane	6.16	62	75630	16.863	ug/l	98
43) Isopropyl Acetate	6.41	43	134282	17.065	ug/l	98
44) Trichloroethene	7.19	130	72865	16.474	ug/l	96
45) 1,2-Dichloropropane	7.49	63	56812	18.034	ug/l	99
46) Dibromomethane	7.63	93	37265	17.407	ug/l	100
47) Bromodichloromethane	7.88	83	76888	17.634	ug/l	100
48) Methyl methacrylate	7.74	41	61237	16.424	ug/l	95
49) 1,4-Dioxane	7.71	88	29538	330.315	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	420218	87.269	ug/l	98
52) Toluene	8.76	92	138899	17.899	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	88625	17.048	ug/l	99
54) cis-1,3-Dichloropropene	8.41	75	95259	17.543	ug/l	94
55) 1,1,2-Trichloroethane	9.20	97	55504	18.179	ug/l	98
56) Ethyl methacrylate	9.16	69	88199	17.697	ug/l	95
57) 1,3-Dichloropropane	9.35	76	95794	17.981	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	236942	89.303	ug/l	100
59) 2-Hexanone	9.47	43	320906	84.862	ug/l	98
60) Dibromochloromethane	9.57	129	60358	17.950	ug/l	100
61) 1,2-Dibromoethane	9.65	107	58485	17.684	ug/l	99
64) Tetrachloroethene	9.32	164	85033	17.521	ug/l	99
65) Chlorobenzene	10.12	112	147724	17.846	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	55905	18.273	ug/l	98
67) Ethyl Benzene	10.24	91	262119	17.748	ug/l	99
68) m/p-Xylenes	10.34	106	202056	36.515	ug/l	99
69) o-Xylene	10.68	106	95189	17.896	ug/l	99
70) Styrene	10.70	104	161259	17.871	ug/l	100
71) Bromoform	10.84	173	44913	18.018	ug/l #	98
73) Isopropylbenzene	11.00	105	255463	17.535	ug/l	100
74) N-amyl acetate	10.88	43	111345	16.385	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	56662	22.104	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	80958m	17.811	ug/l	
77) Bromobenzene	11.24	156	63590	16.910	ug/l	99
78) n-propylbenzene	11.34	91	289225	17.065	ug/l	100
79) 2-Chlorotoluene	11.41	91	175310	17.523	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	216927	17.635	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	32131	16.846	ug/l	97
82) 4-Chlorotoluene	11.49	91	204502	17.310	ug/l	99
83) tert-Butylbenzene	11.76	119	185309	17.481	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	216246	17.389	ug/l	99
85) sec-Butylbenzene	11.93	105	241183	16.851	ug/l	100
86) p-Isopropyltoluene	12.05	119	226677	17.058	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	114839	17.008	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	115821	16.900	ug/l	98
89) n-Butylbenzene	12.37	91	191554	15.778	ug/l	100
90) Hexachloroethane	12.58	117	38779	16.992	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	112197	17.257	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	19251	16.070	ug/l	97

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ClientSampleId :
VX0515WBS01

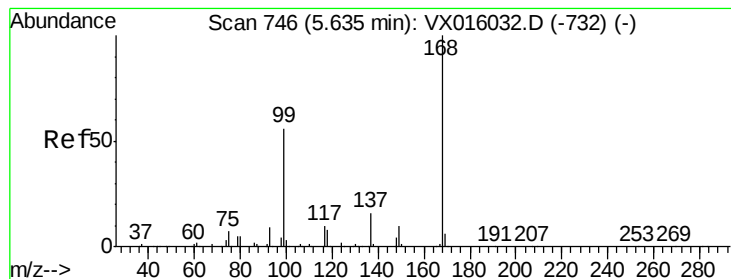
Manual Integrations
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MMDadoda
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	78304	16.268	ug/l	97
94) Hexachlorobutadiene	13.77	225	31393	15.511	ug/l	99
95) Naphthalene	13.82	128	256497	16.457	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	78456	16.678	ug/l	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.01 min

Lab File: VX016271.D

Acq: 15 May 2020 11:38

Instrument :

MSVOA_X

ClientSampleId :

VX0515WBS01

Tot Ion:168 Resp: 273878

Ion Ratio Lower Upper

168 100

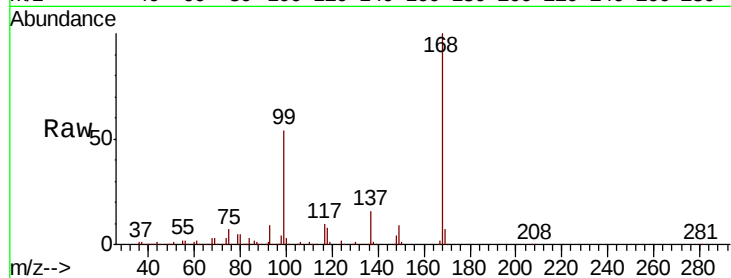
99 53.5 45.0 67.4

Manual Integrations

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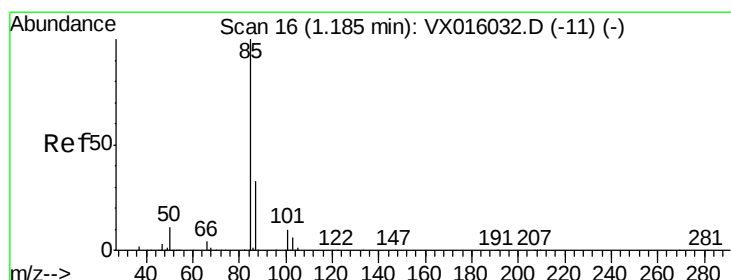
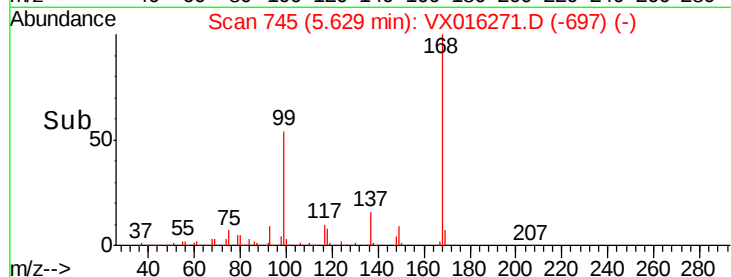
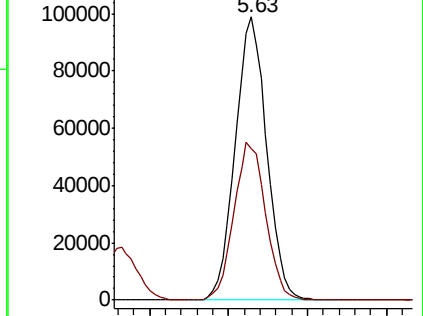
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 17.462 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX016271.D

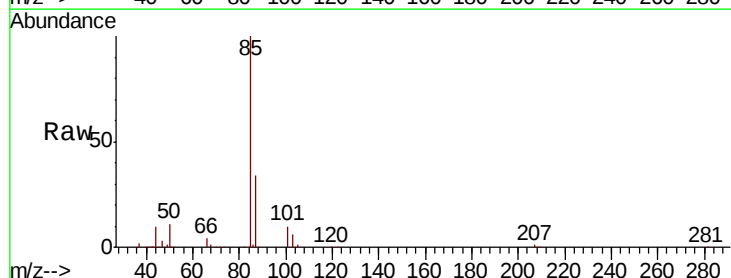
Acq: 15 May 2020 11:38

Tgt Ion: 85 Resp: 50622

Ion Ratio Lower Upper

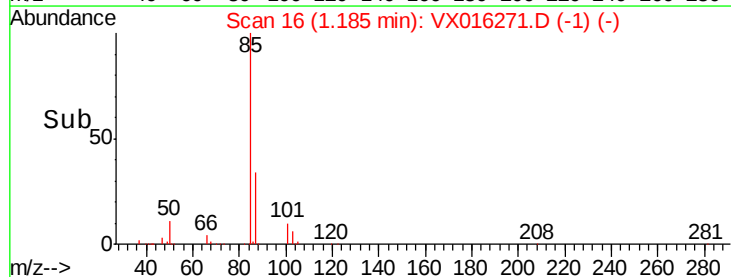
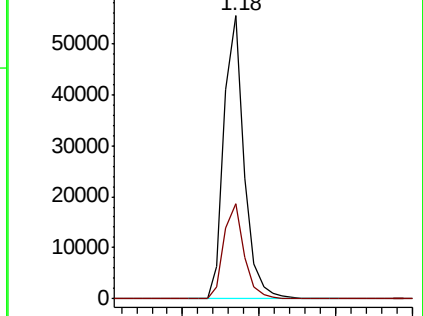
85 100

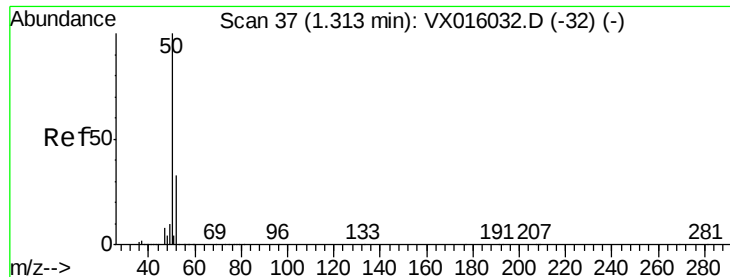
87 33.6 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 16.647 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX016271.D

Acq: 15 May 2020 11:38

Instrument :

MSVOA_X

ClientSampleId :

VX0515WBS01

Tot Ion: 50 Resp: 56045

Ion Ratio Lower Upper

50 100

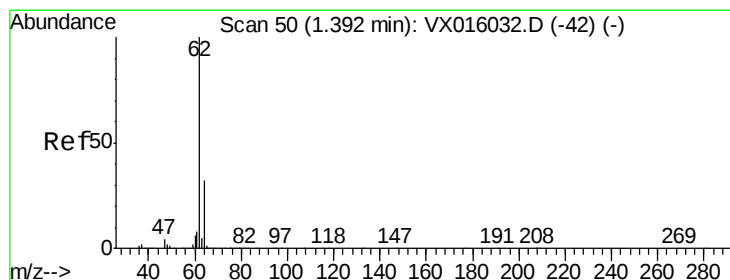
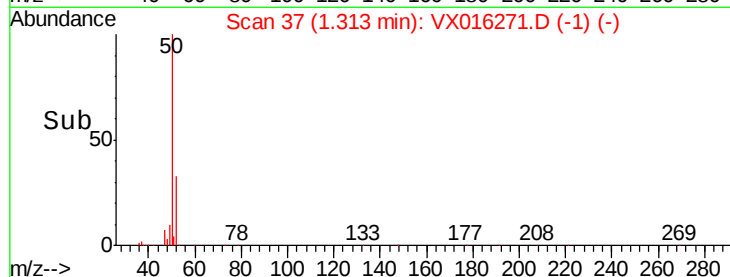
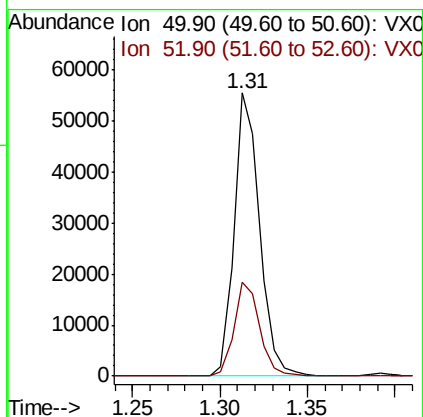
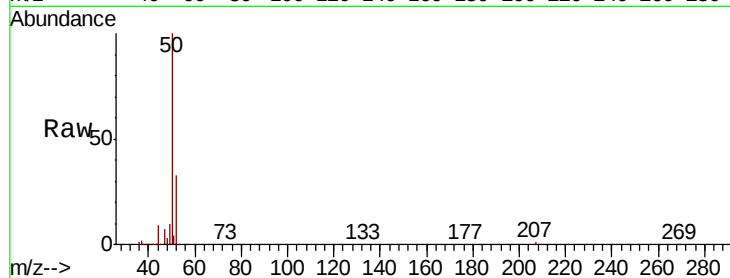
52 33.0 26.1 39.1

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#4

Vinyl Chloride

Concen: 16.629 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016271.D

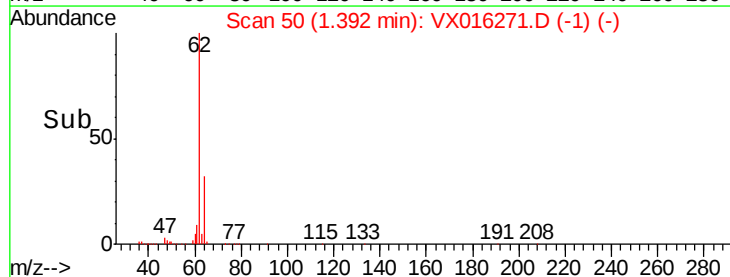
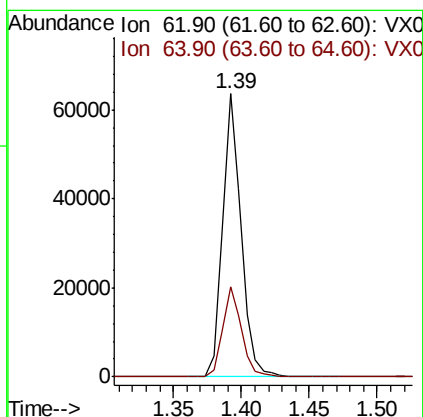
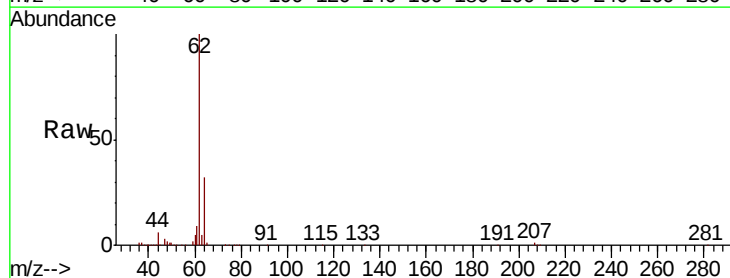
Acq: 15 May 2020 11:38

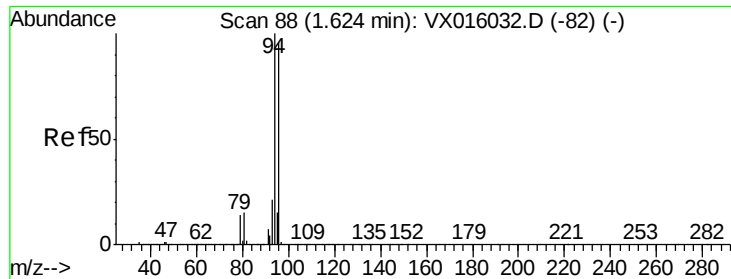
Tgt Ion: 62 Resp: 59727

Ion Ratio Lower Upper

62 100

64 31.8 25.7 38.5





#5

Bromomethane

Concen: 20.861 ug/l

RT: 1.63 min Scan# 89

Delta R.T. 0.01 min

Lab File: VX016271.D

Acq: 15 May 2020 11:38

Instrument :

MSVOA_X

ClientSampleId :

VX0515WBS01

Tot Ion: 94 Resp: 37775

Ion Ratio Lower Upper

94 100

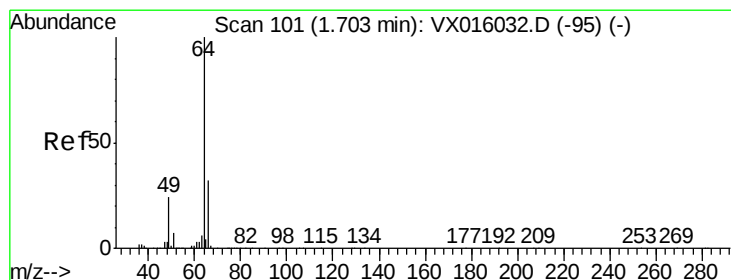
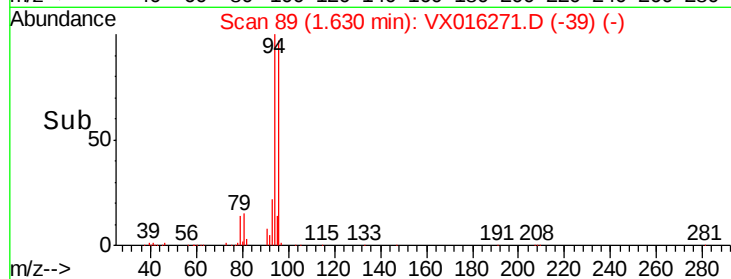
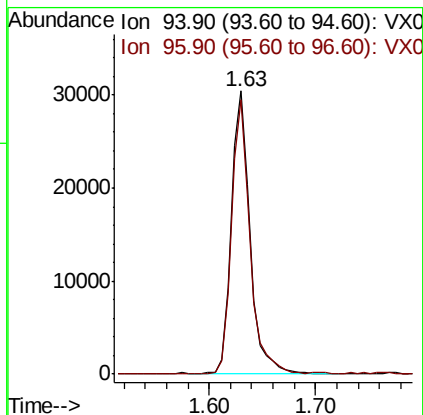
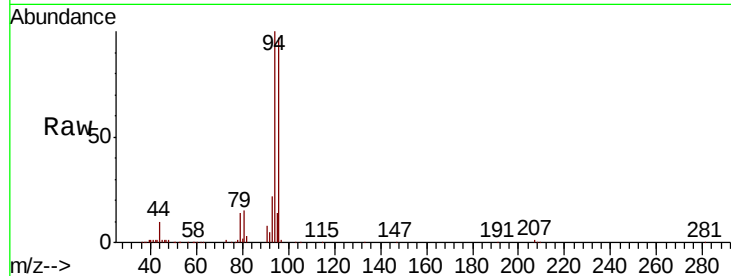
96 96.5 76.9 115.3

Manual Integrations

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#6

Chloroethane

Concen: 16.826 ug/l

RT: 1.71 min Scan# 102

Delta R.T. 0.01 min

Lab File: VX016271.D

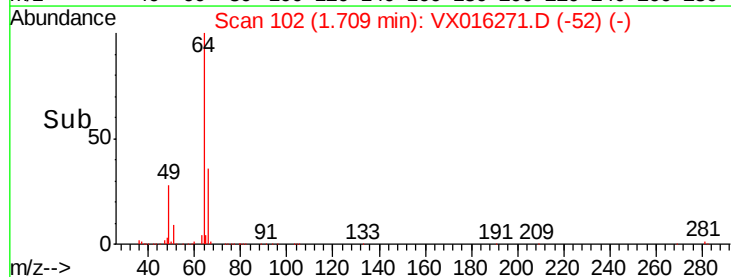
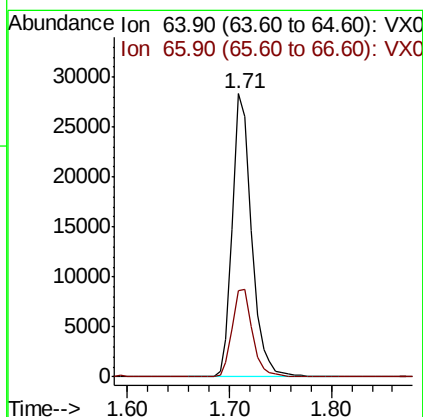
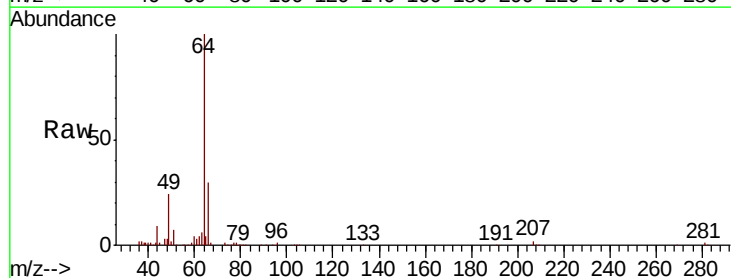
Acq: 15 May 2020 11:38

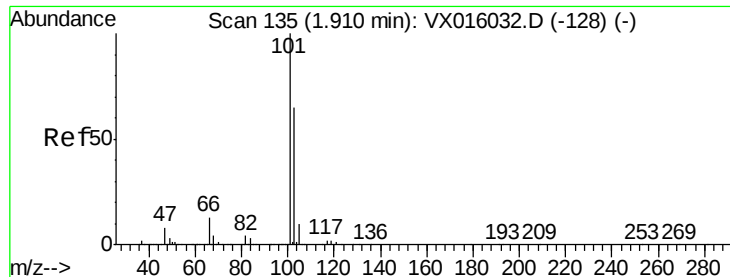
Tgt Ion: 64 Resp: 36772

Ion Ratio Lower Upper

64 100

66 30.4 25.2 37.8





#7

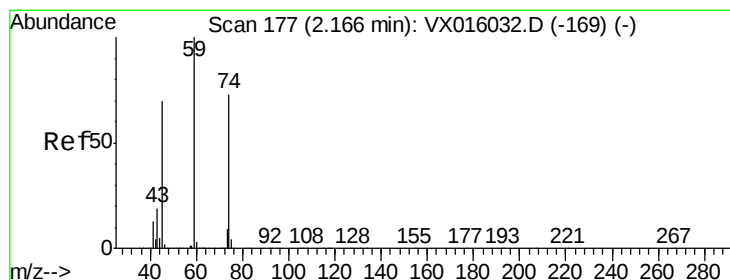
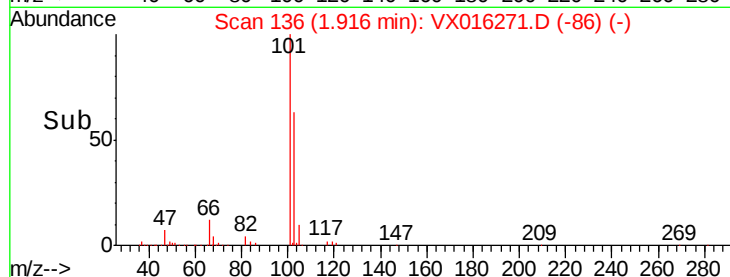
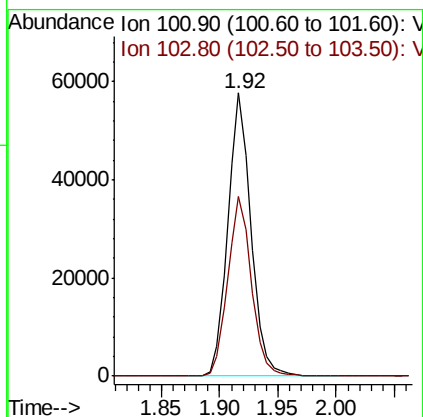
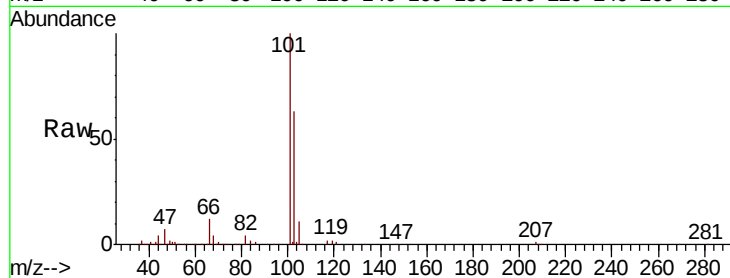
Trichlorofluoromethane
Concen: 16.849 ug/l
RT: 1.92 min Scan# 136
Delta R.T. 0.01 min
Lab File: VX016271.D
Acq: 15 May 2020 11:38

Instrument :
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VX0515WBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
101	100		79451		
103	63.4	51.8	77.6		

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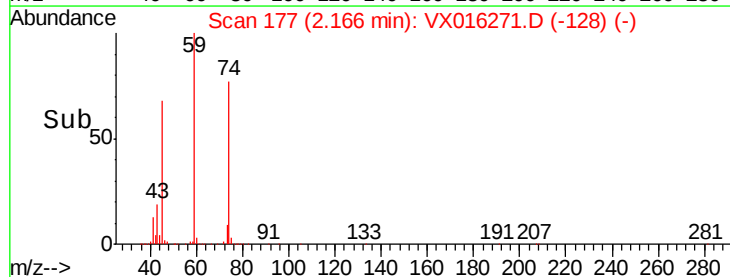
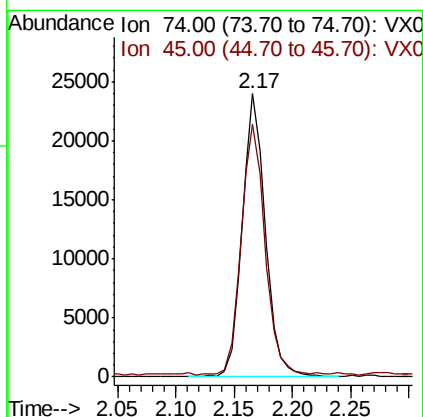
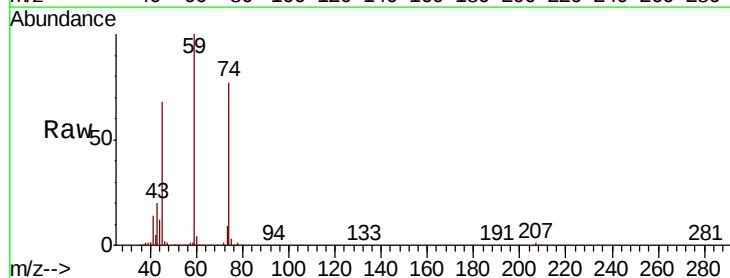
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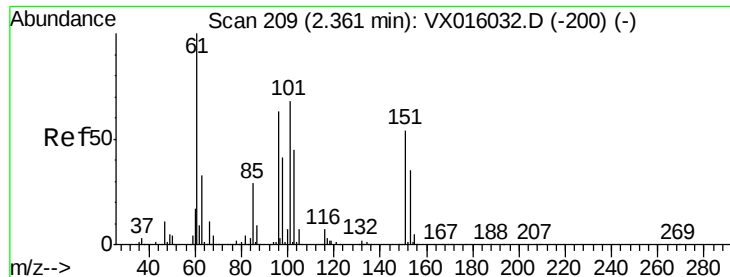


#8

Diethyl Ether
Concen: 16.772 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX016271.D
Acq: 15 May 2020 11:38

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
74	100		33323		
45	89.8	47.3	142.0		





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.007 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.01 min

Lab File: VX016271.D

Acq: 15 May 2020 11:38

Instrument :

MSVOA_X

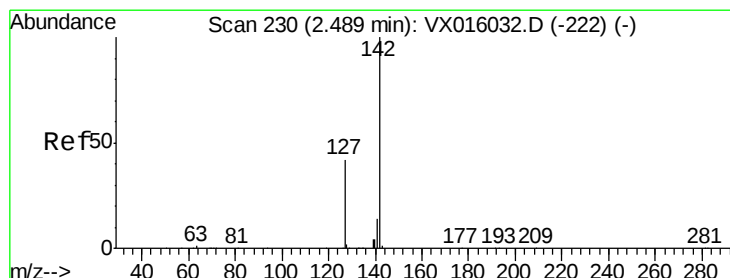
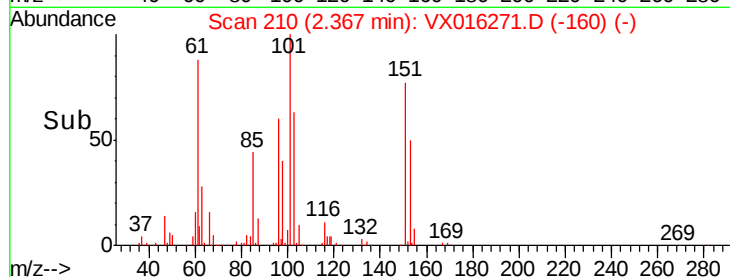
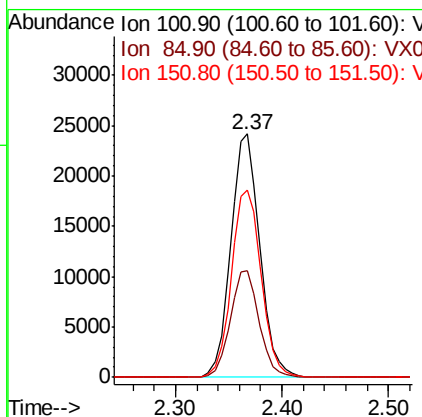
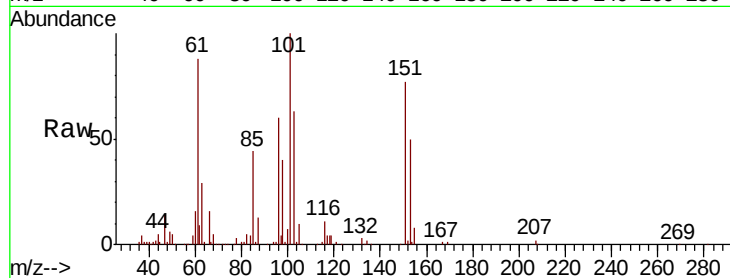
ClientSampleId :

VX0515WBS01

Tot Ion:	101	Resp:	46270
Ion Ratio	Lower	Upper	
101	100		
85	43.6	34.2	51.4
151	78.9	62.1	93.1

Manual Integrations
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#10

Methyl Iodide

Concen: 12.950 ug/l

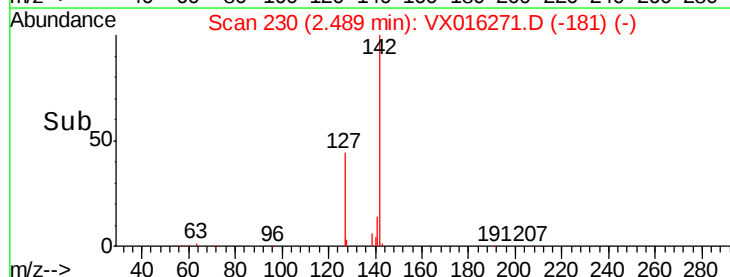
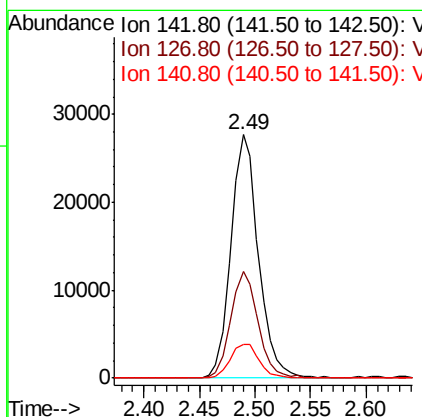
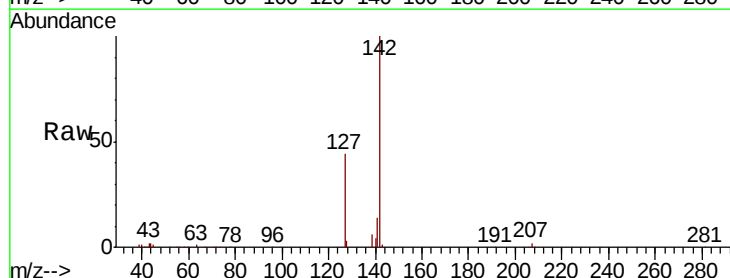
RT: 2.49 min Scan# 230

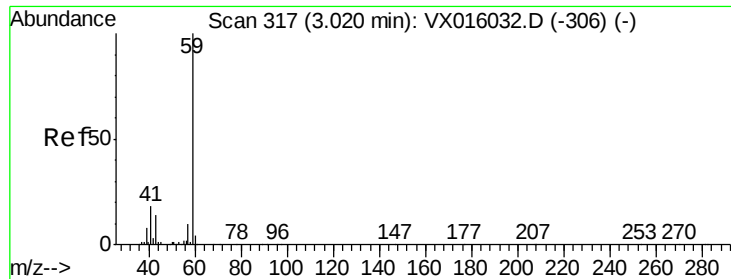
Delta R.T. -0.00 min

Lab File: VX016271.D

Acq: 15 May 2020 11:38

Tgt Ion:	142	Resp:	47325
Ion Ratio	Lower	Upper	
142	100		
127	43.5	34.6	52.0
141	14.7	11.3	16.9





#11

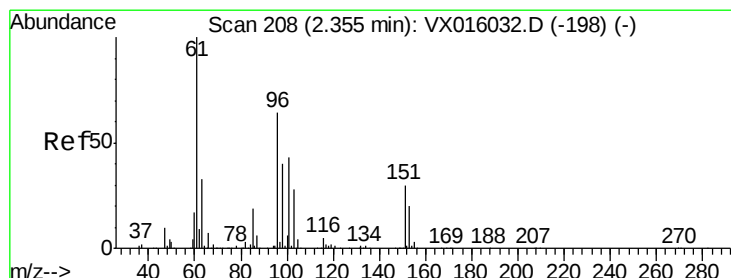
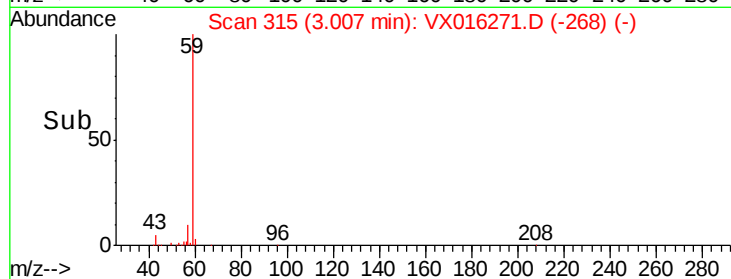
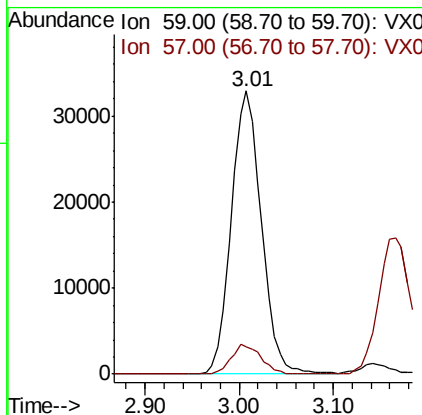
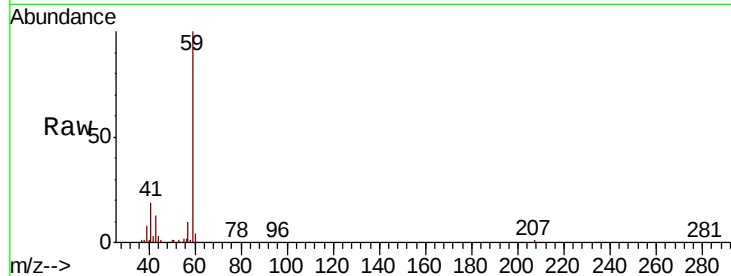
Tert butyl alcohol
Concen: 80.201 ug/l
RT: 3.01 min Scan# 315
Delta R.T. -0.01 min
Lab File: VX016271.D
Acq: 15 May 2020 11:38

Instrument :
MSVOA_X
ClientSampled :
VX0515WBS01

Tot Ion	Ion	Ratio	Lower	Upper
59	59	100		
57	57	10.4	8.2	12.4

Manual Integrations
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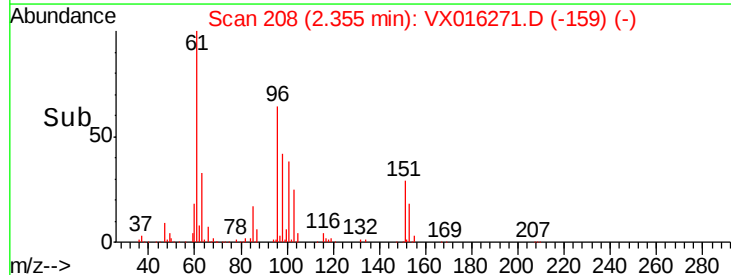
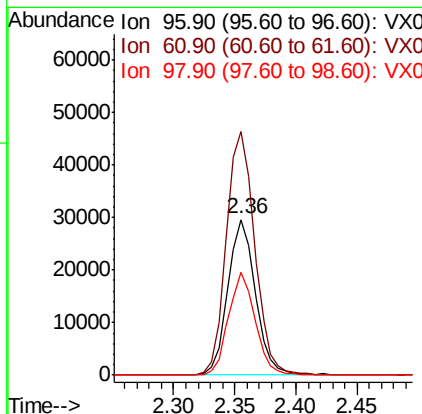
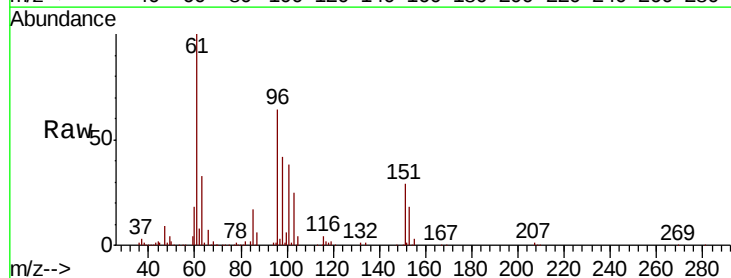
MMDadoda
5/18/2020 12:52:42 PM

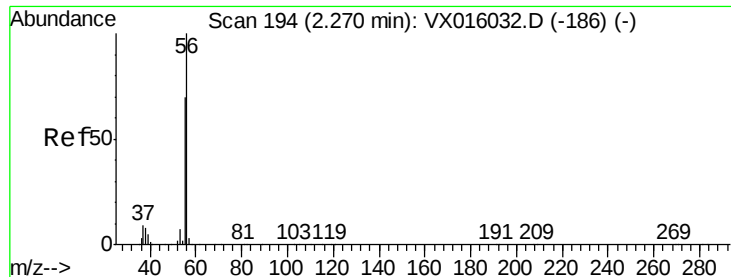


#12

1,1-Dichloroethene
Concen: 16.084 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX016271.D
Acq: 15 May 2020 11:38

Tgt Ion	Ion	Ratio	Lower	Upper
96	96	100		
61	61	156.9	124.8	187.2
98	98	66.1	49.7	74.5





#13

Acrolein

Concen: 64.167 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.00 min

Lab File: VX016271.D

Acq: 15 May 2020 11:38

Instrument :

MSVOA_X

ClientSampleId :

VX0515WBS01

Tot Ion: 56 Resp: 36594

Ion Ratio Lower Upper

56 100

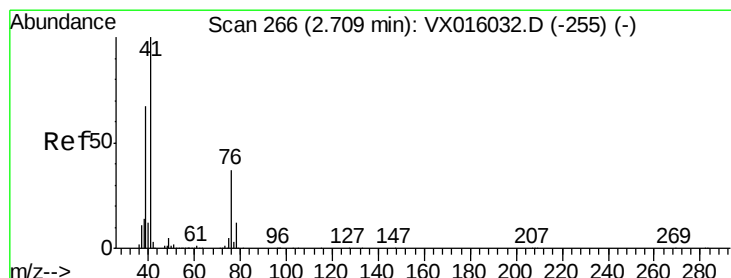
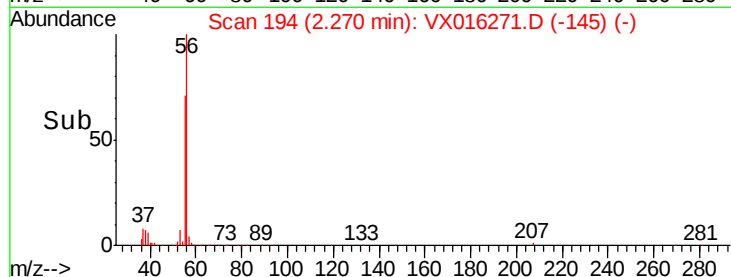
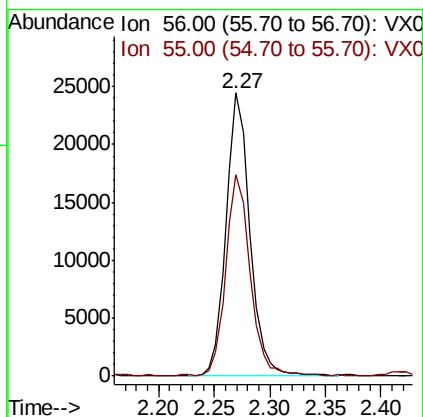
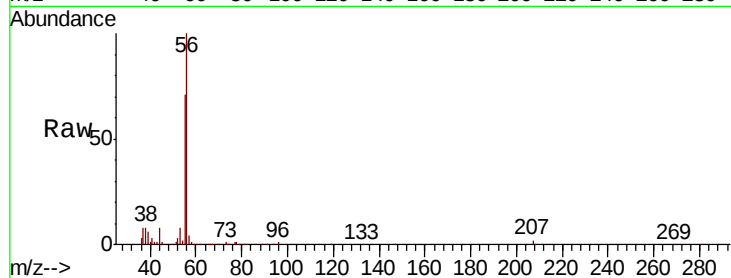
55 72.0 56.5 84.7

Manual Integrations

APPROVED

MMDadoda

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#14

Allyl chloride

Concen: 16.171 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX016271.D

Acq: 15 May 2020 11:38

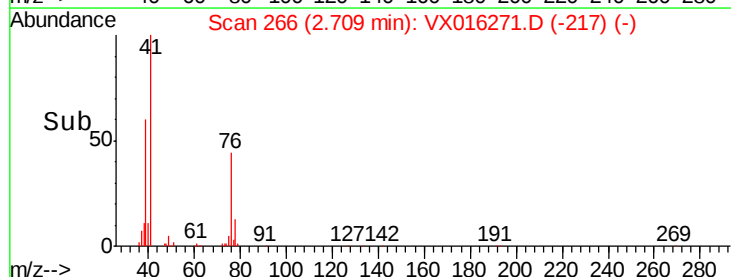
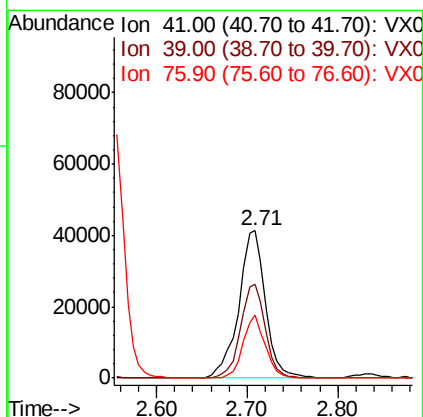
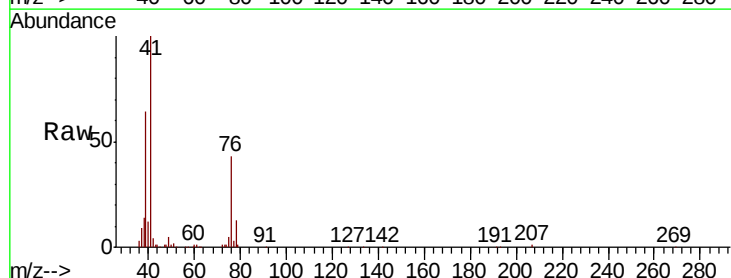
Tgt Ion: 41 Resp: 84416

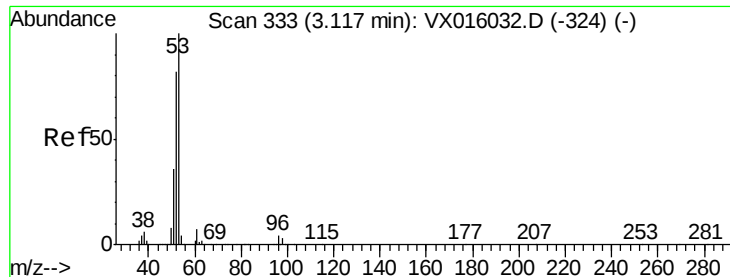
Ion Ratio Lower Upper

41 100

39 58.7 50.5 75.7

76 35.2 26.6 40.0





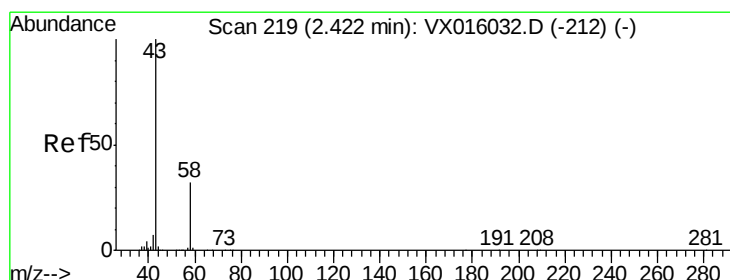
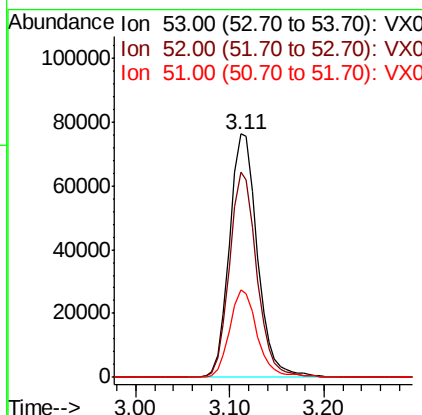
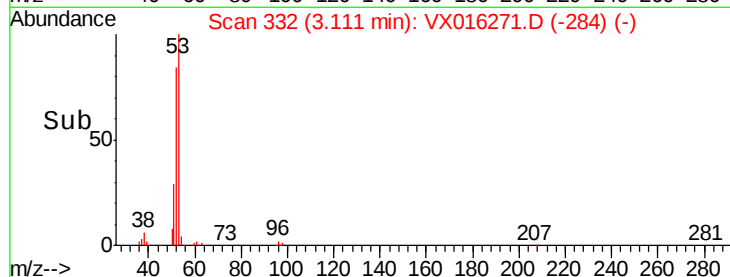
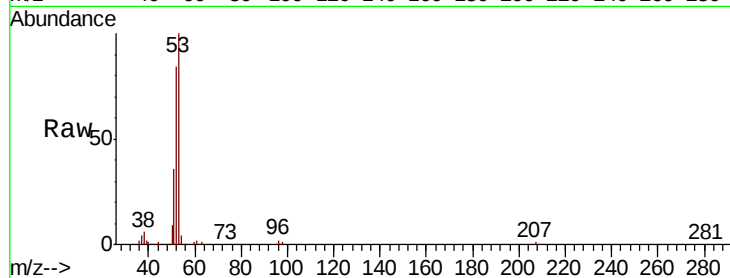
#15
 Acrylonitrile
 Concen: 83.522 ug/l
 RT: 3.11 min Scan# 332
 Delta R.T. -0.01 min
 Lab File: VX016271.D
 Acq: 15 May 2020 11:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0515WBS01

Tot Ion:	53	Resp:	157906
Ion	Ratio	Lower	Upper
53	100		
52	82.5	66.1	99.1
51	35.9	28.8	43.2

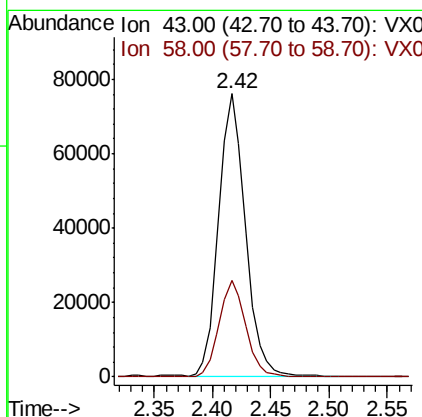
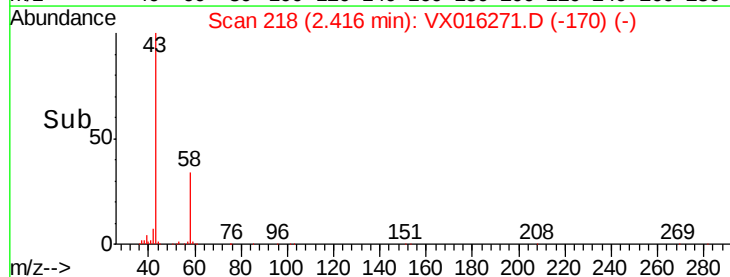
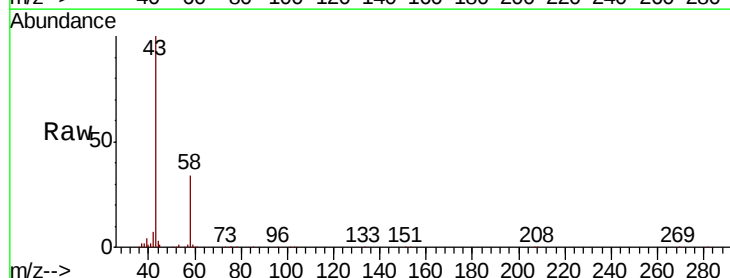
Manual Integrations
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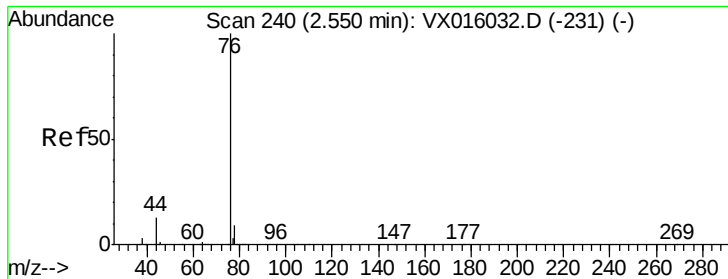
MMDadoda
 5/18/2020 12:52:42 PM



#16
 Acetone
 Concen: 74.613 ug/l
 RT: 2.42 min Scan# 218
 Delta R.T. -0.01 min
 Lab File: VX016271.D
 Acq: 15 May 2020 11:38

Tgt Ion:	43	Resp:	119982
Ion	Ratio	Lower	Upper
43	100		
58	33.9	25.4	38.0





#17

Carbon Disulfide

Concen: 15.476 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX016271.D

Acq: 15 May 2020 11:38

Instrument :

MSVOA_X

ClientSampleId :

VX0515WBS01

Tot Ion: 76 Resp: 133536

Ion Ratio Lower Upper

76 100

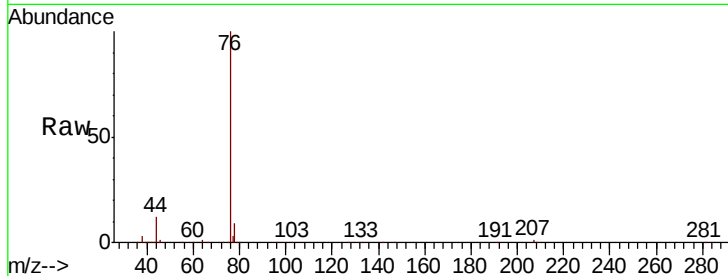
78 9.2 7.5 11.3

Manual Integrations

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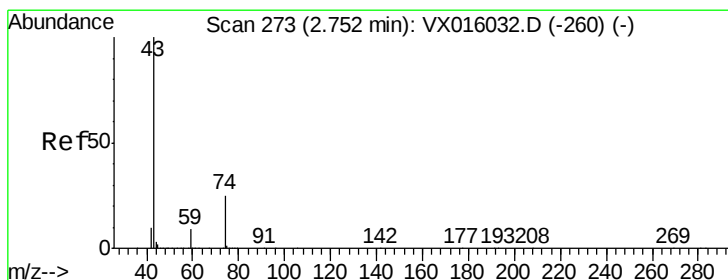
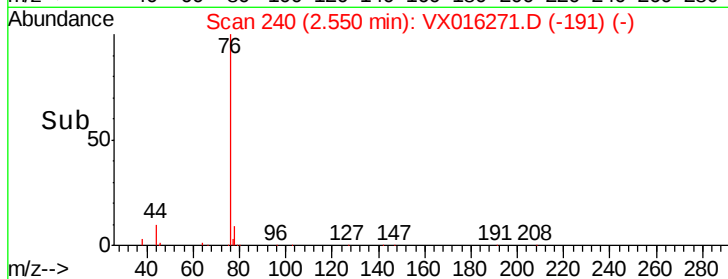
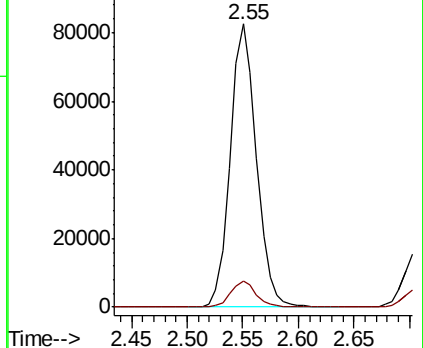
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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 17.704 ug/l

RT: 2.75 min Scan# 272

Delta R.T. -0.01 min

Lab File: VX016271.D

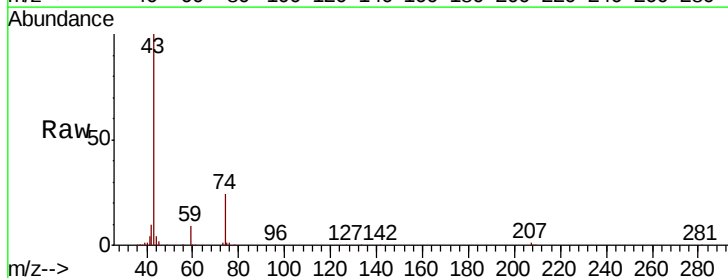
Acq: 15 May 2020 11:38

Tgt Ion: 43 Resp: 70000

Ion Ratio Lower Upper

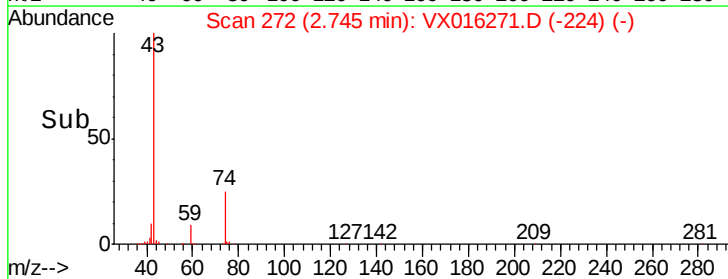
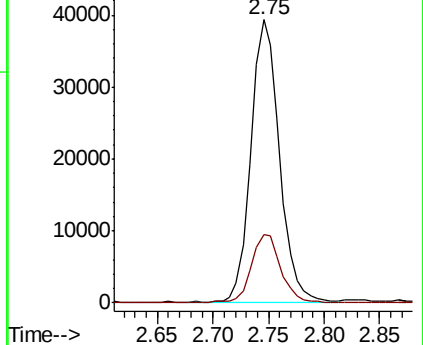
43 100

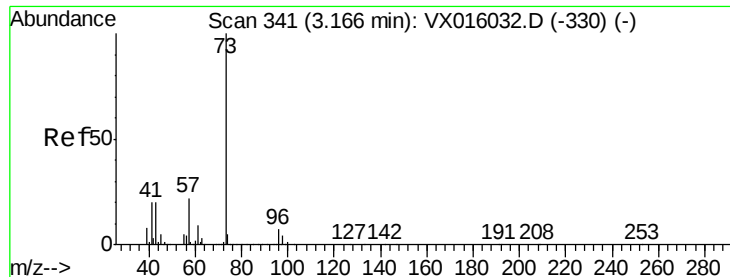
74 25.5 20.2 30.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





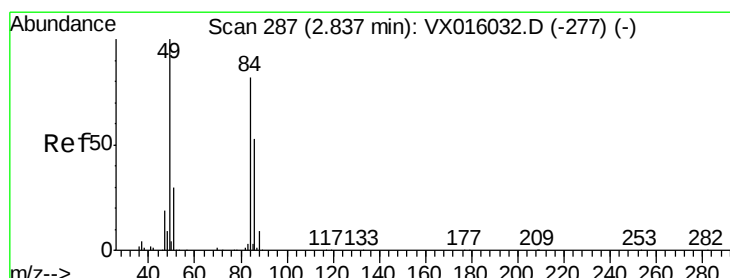
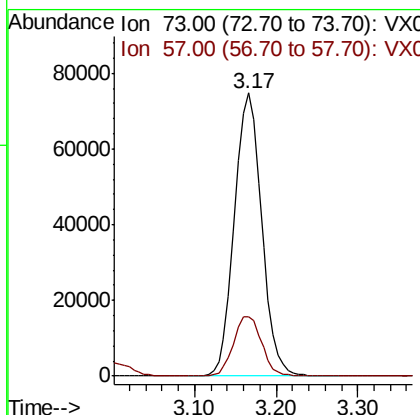
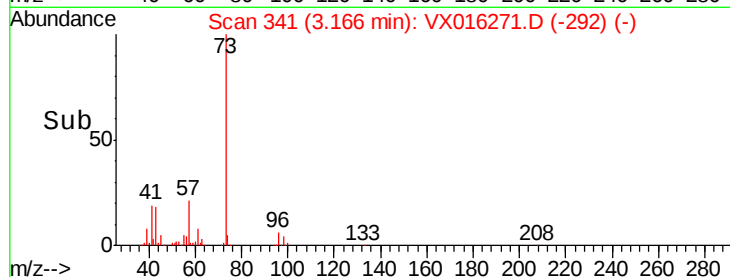
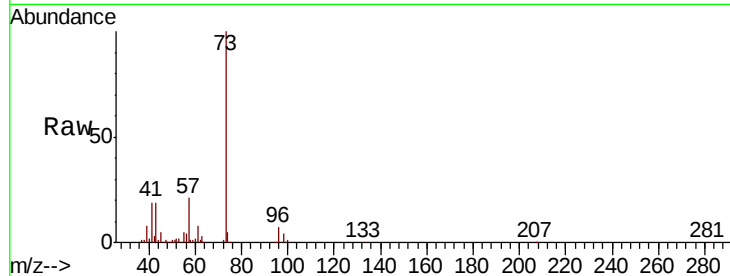
#19
Methyl tert-butyl Ether
Concen: 17.649 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.00 min
Lab File: VX016271.D
Acq: 15 May 2020 11:38

Instrument :
MSVOA_X
ClientSampleId :
VX0515WBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.2	17.8	26.6

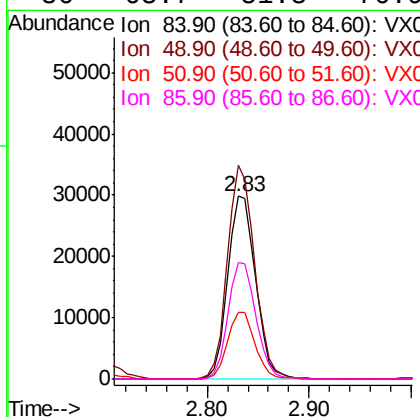
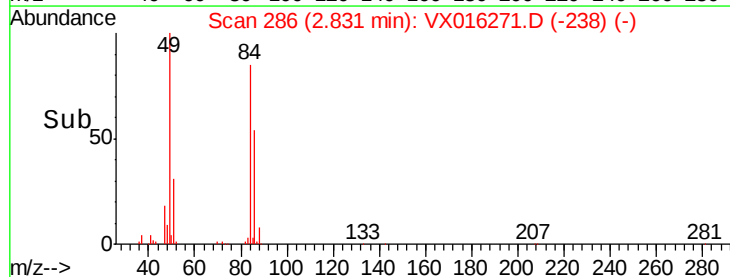
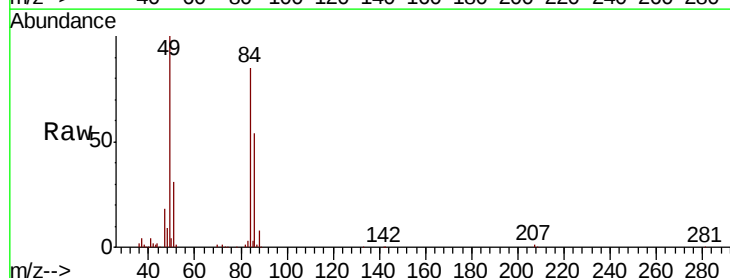
Manual Integrations
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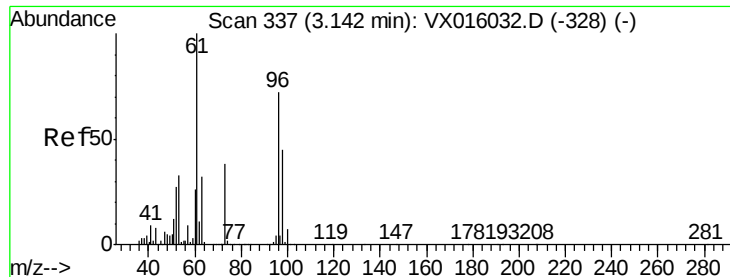
MMDadoda
5/18/2020 12:52:42 PM



#20
Methylene Chloride
Concen: 16.874 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.01 min
Lab File: VX016271.D
Acq: 15 May 2020 11:38

Tgt Ion	Ratio	Lower	Upper
84	100		
49	117.0	97.3	145.9
51	36.6	29.3	43.9
86	63.7	51.3	76.9





#21

trans-1,2-Dichloroethene

Concen: 16.414 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX016271.D

Acq: 15 May 2020 11:38

Instrument :

MSVOA_X

ClientSampleId :

VX0515WBS01

Tot Ion: 96 Resp: 52076

Ion Ratio Lower Upper

96 100

61 137.2 111.2 166.8

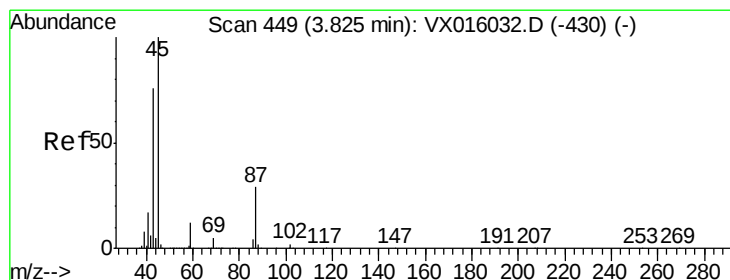
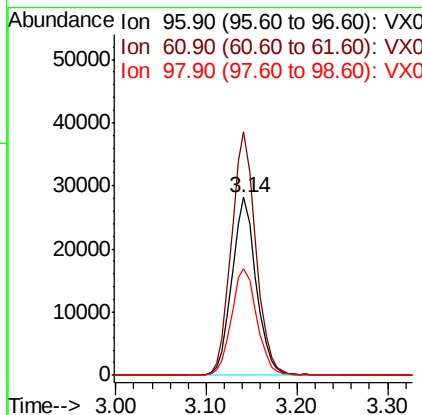
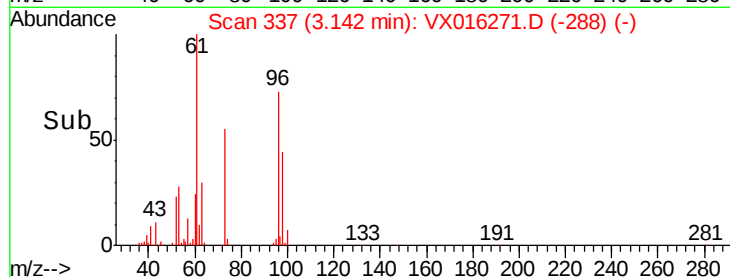
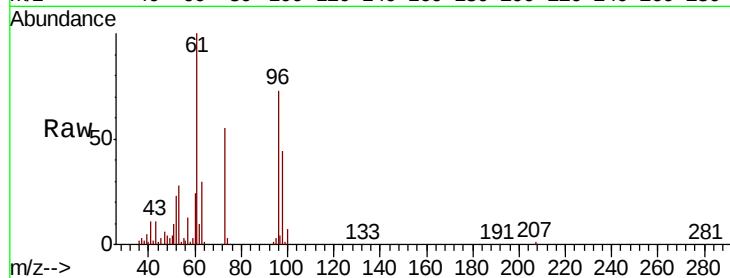
98 59.8 50.2 75.4

Manual Integrations

APPROVED

MMDadoda

5/18/2020 12:52:42 PM



#22

Diisopropyl ether

Concen: 17.184 ug/l

RT: 3.82 min Scan# 449

Delta R.T. -0.00 min

Lab File: VX016271.D

Acq: 15 May 2020 11:38

Tgt Ion: 45 Resp: 169228

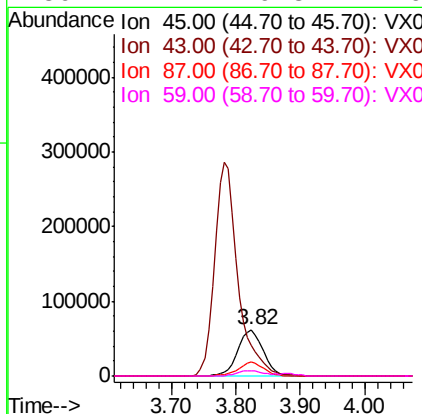
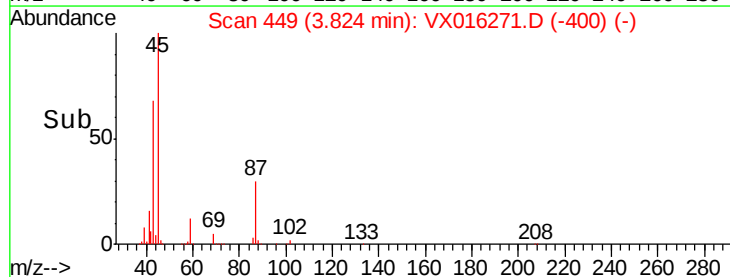
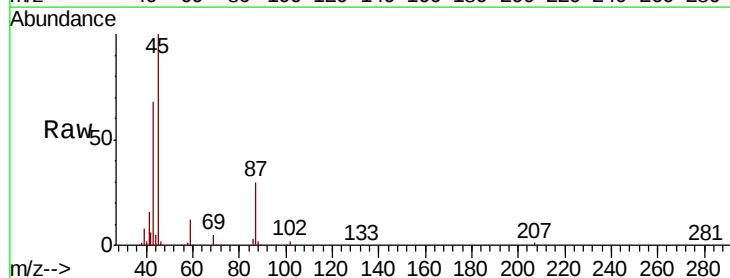
Ion Ratio Lower Upper

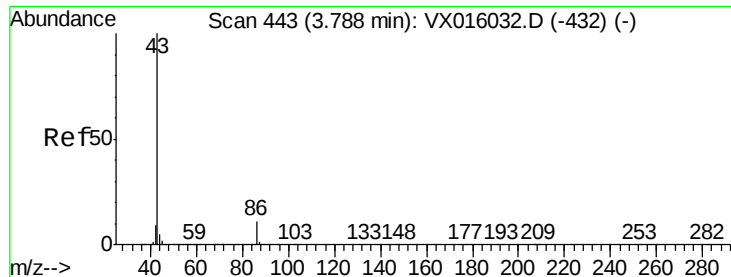
45 100

43 67.4 61.1 91.7

87 29.9 23.0 34.6

59 12.2 9.8 14.6





#23

Vinyl Acetate

Concen: 84.132 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX016271.D

Acq: 15 May 2020 11:38

Instrument :

MSVOA_X

ClientSampleId :

VX0515WBS01

Tot Ion: 43 Resp: 728930

Ion Ratio Lower Upper

43 100

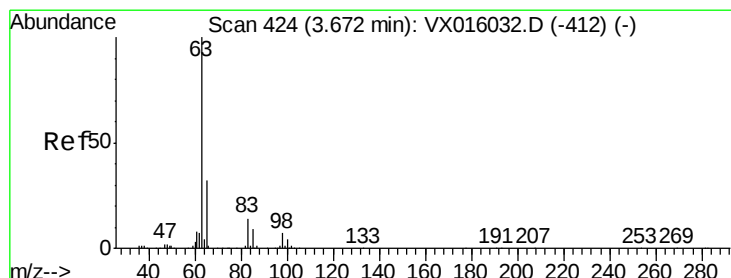
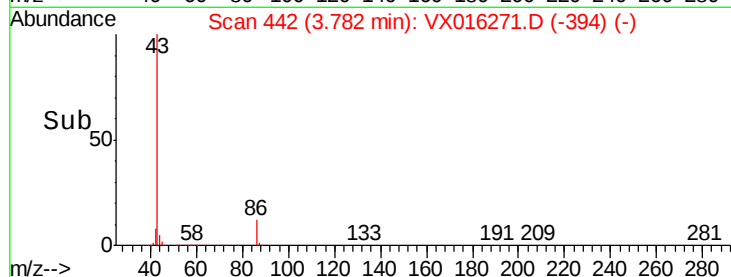
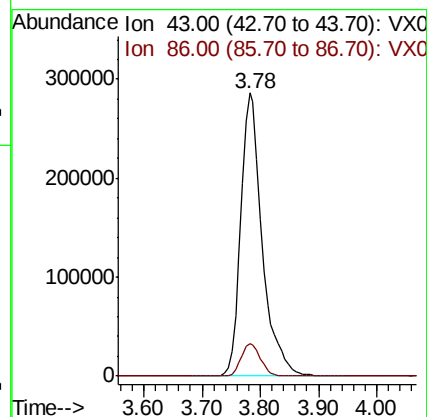
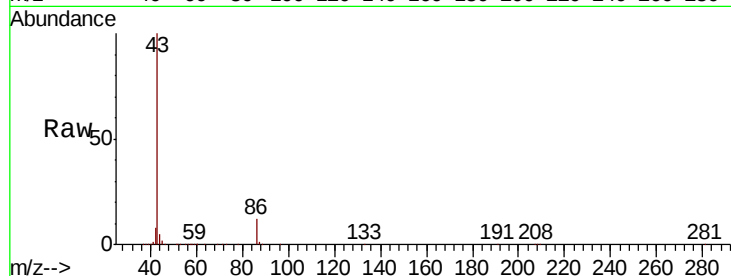
86 11.7 9.0 13.4

Manual Integrations

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MMDadoda

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#24

1,1-Dichloroethane

Concen: 17.285 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX016271.D

Acq: 15 May 2020 11:38

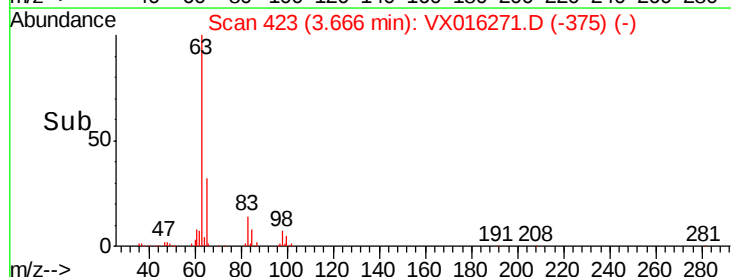
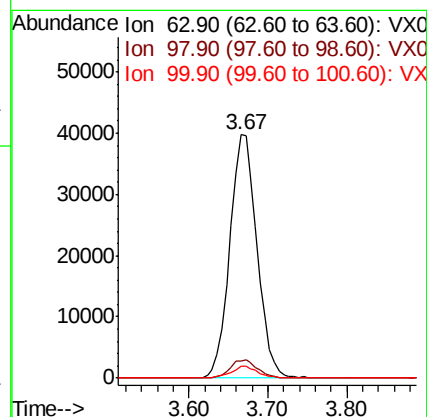
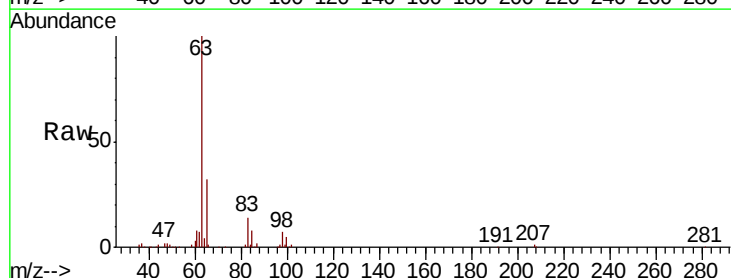
Tgt Ion: 63 Resp: 95220

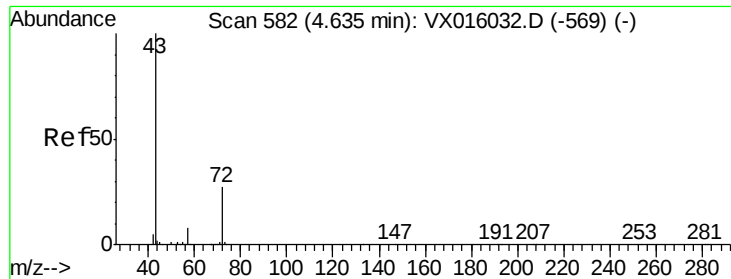
Ion Ratio Lower Upper

63 100

98 7.2 3.5 10.5

100 4.8 2.1 6.5





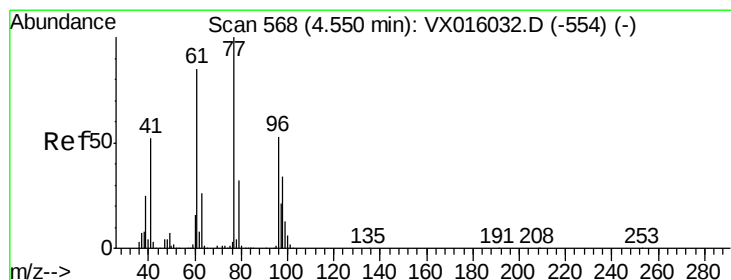
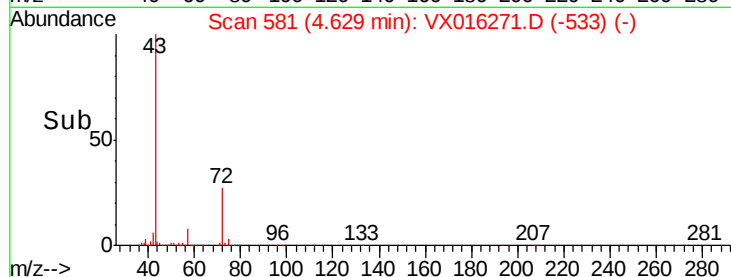
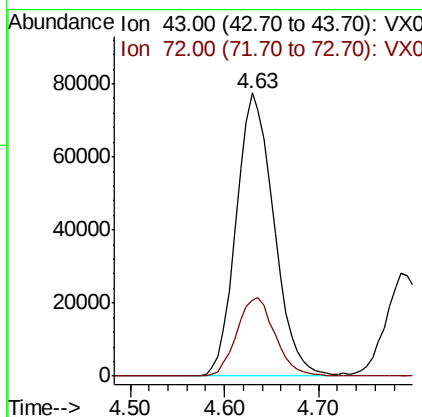
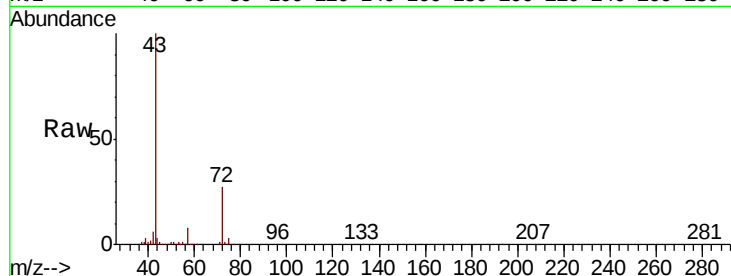
#25
2-Butanone
Concen: 83.016 ug/l
RT: 4.63 min Scan# 581
Delta R.T. -0.01 min
Lab File: VX016271.D
Acq: 15 May 2020 11:38

Instrument :
MSVOA_X
ClientSampleId :
VX0515WBS01

Tot Ion: 43 Resp: 215112
Ion Ratio Lower Upper
43 100
72 26.5 21.8 32.8

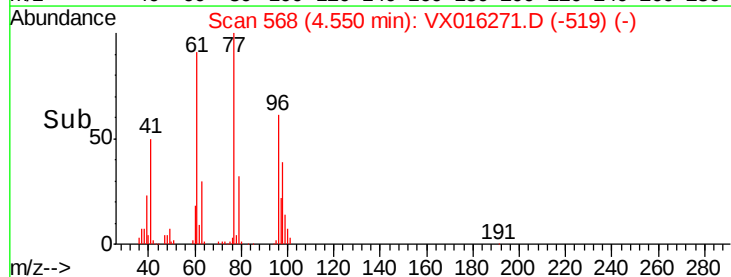
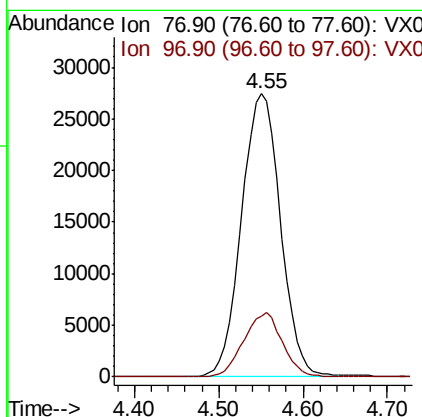
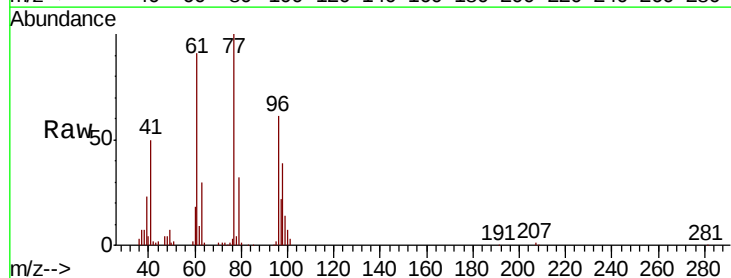
Manual Integrations
APPROVED

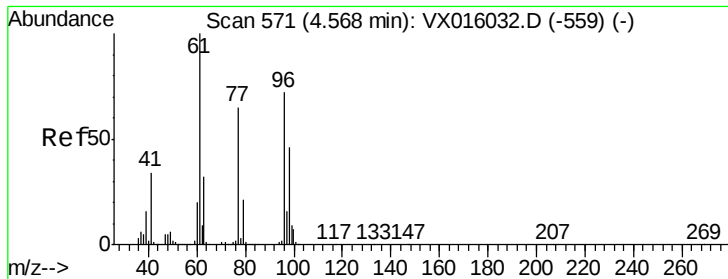
MMDadoda
5/18/2020 12:52:42 PM



#26
2,2-Dichloropropane
Concen: 17.226 ug/l
RT: 4.55 min Scan# 568
Delta R.T. -0.00 min
Lab File: VX016271.D
Acq: 15 May 2020 11:38

Tgt Ion: 77 Resp: 86664
Ion Ratio Lower Upper
77 100
97 22.4 11.2 33.6





#27

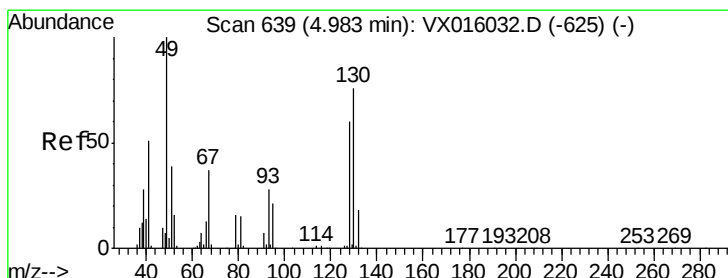
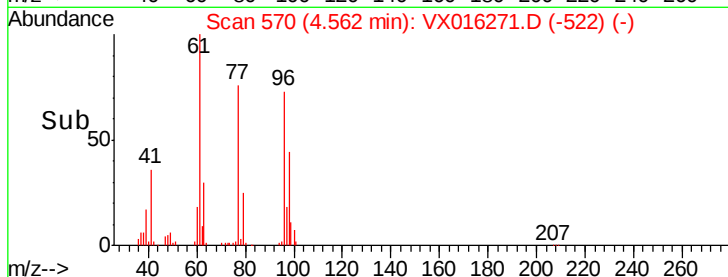
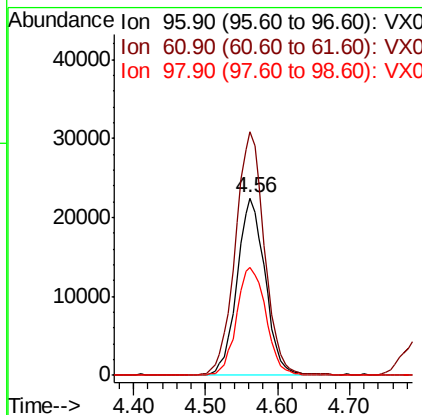
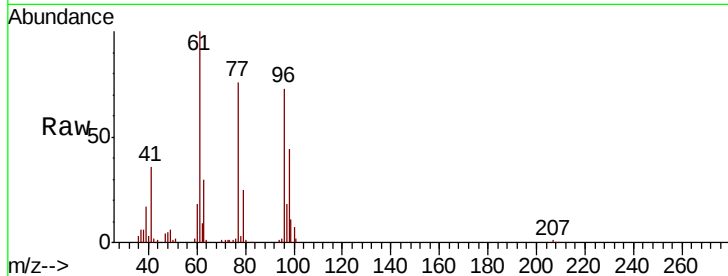
cis-1,2-Dichloroethene
Concen: 17.596 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.01 min
Lab File: VX016271.D
Acq: 15 May 2020 11:38

Instrument :
MSVOA_X
ClientSampleId :
VX0515WBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	141.8	0.0	296.2
98	63.2	0.0	129.4

Manual Integrations
APPROVED

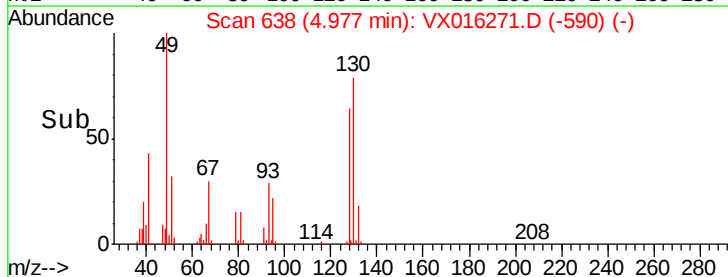
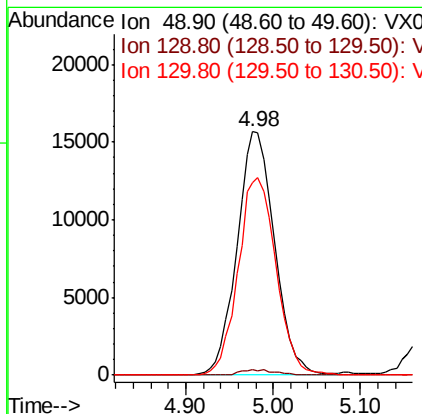
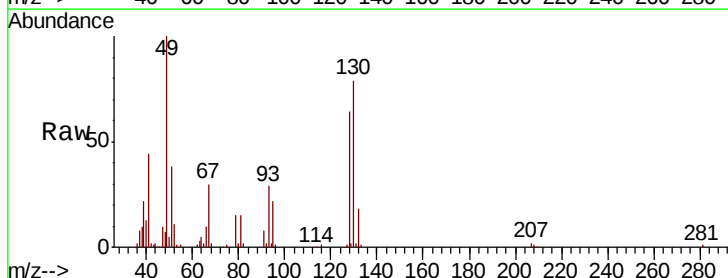
MMDadoda
5/18/2020 12:52:42 PM

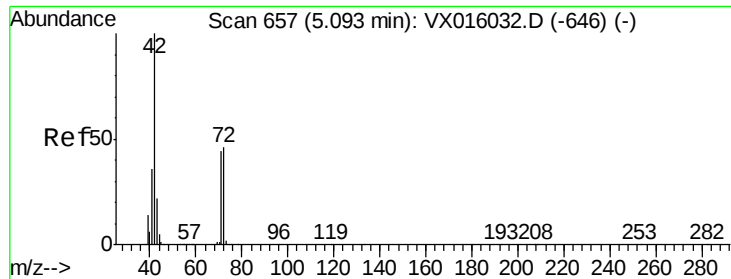


#28

Bromochloromethane
Concen: 18.580 ug/l
RT: 4.98 min Scan# 638
Delta R.T. -0.01 min
Lab File: VX016271.D
Acq: 15 May 2020 11:38

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	4.0
130	82.0	62.4	93.6





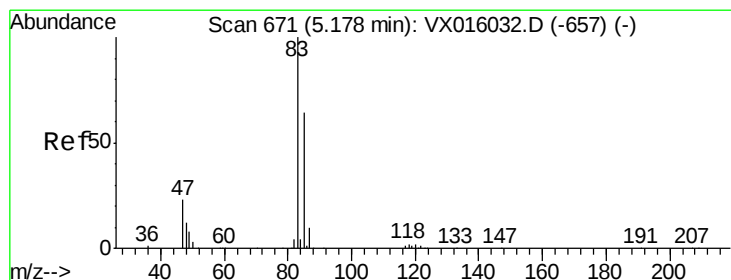
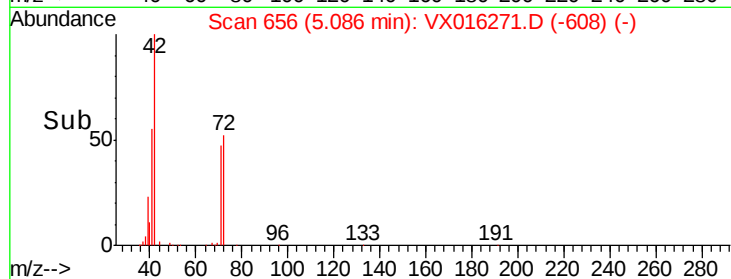
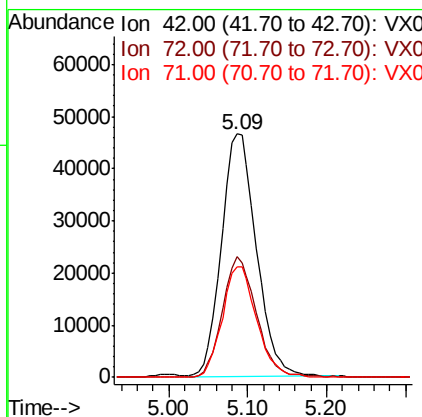
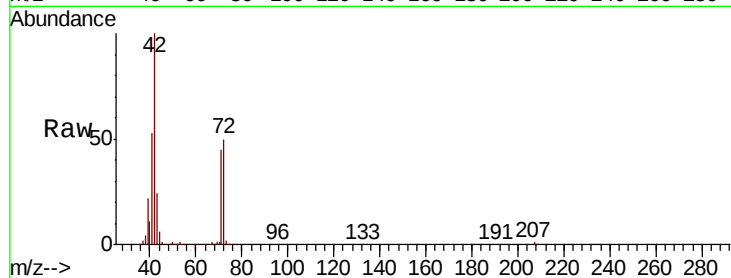
#29
Tetrahydrofuran
Concen: 83.601 ug/l
RT: 5.09 min Scan# 656
Delta R.T. -0.01 min
Lab File: VX016271.D
Acq: 15 May 2020 11:38

Instrument :
MSVOA_X
ClientSampleId :
VX0515WBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	48.5	37.1	55.7
71	44.9	34.5	51.7

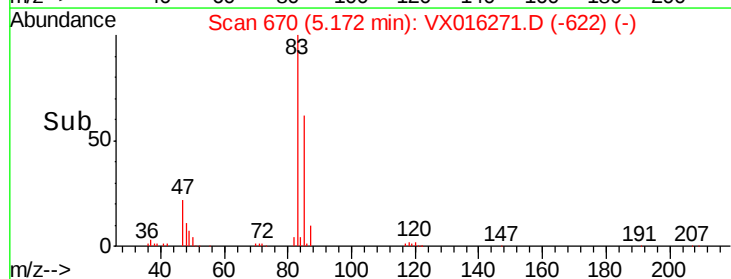
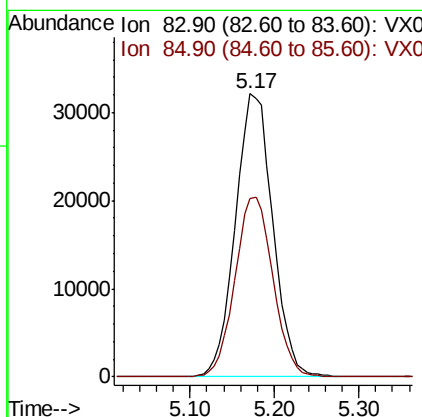
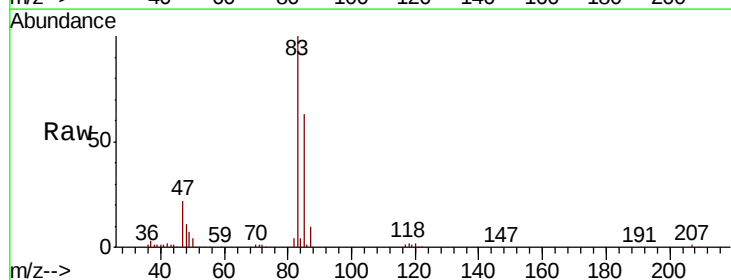
Manual Integrations
APPROVED

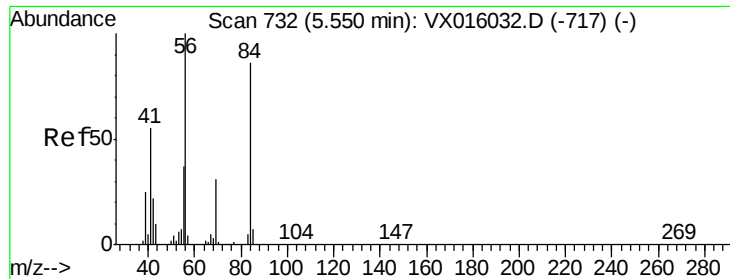
MMDadoda
5/18/2020 12:52:42 PM



#30
Chloroform
Concen: 17.573 ug/l
RT: 5.17 min Scan# 670
Delta R.T. -0.01 min
Lab File: VX016271.D
Acq: 15 May 2020 11:38

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.1	51.6	77.4





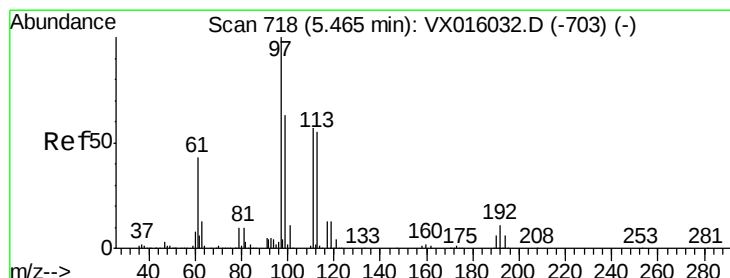
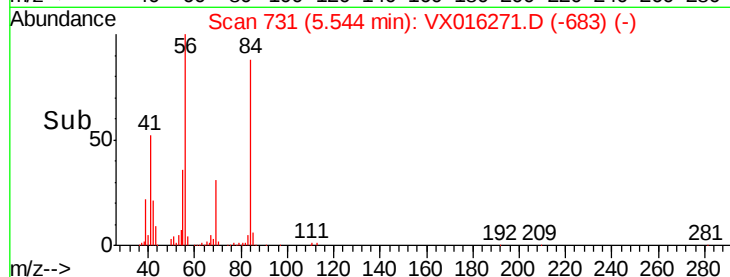
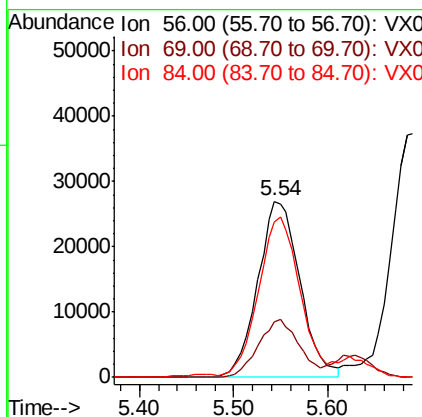
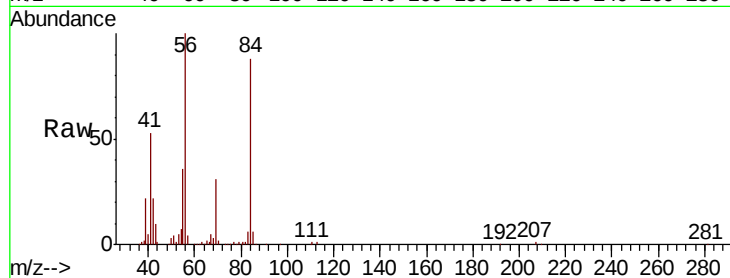
#31
Cyclohexane
Concen: 16.864 ug/l
RT: 5.54 min Scan# 731
Delta R.T. -0.01 min
Lab File: VX016271.D
Acq: 15 May 2020 11:38

Instrument :
MSVOA_X
ClientSampleId :
VX0515WBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	31.3	25.0	37.6
84	86.7	69.0	103.6

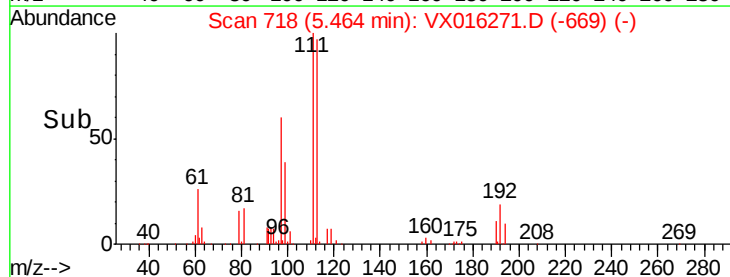
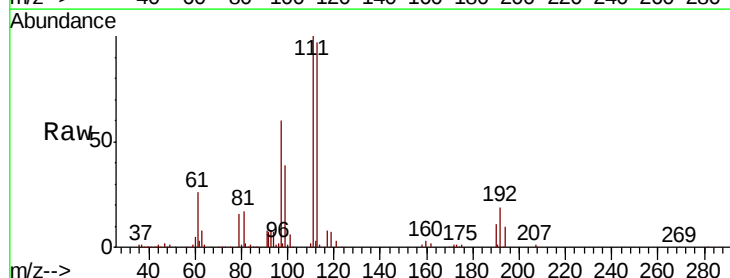
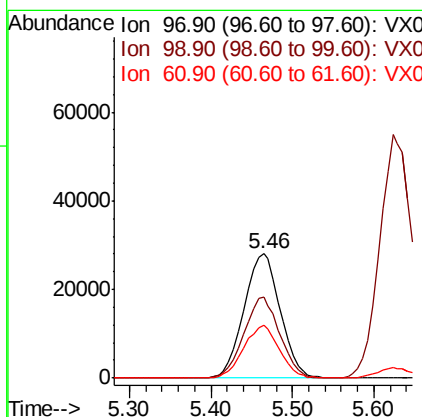
Manual Integrations
APPROVED

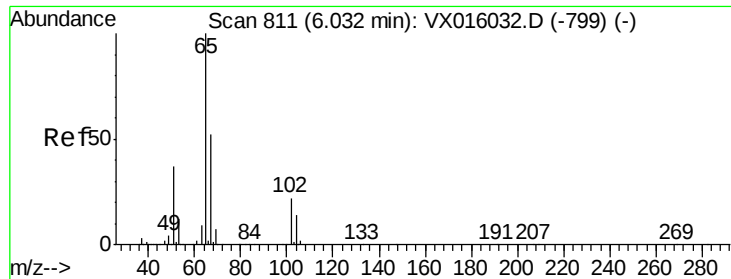
MMDadoda
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#32
1,1,1-Trichloroethane
Concen: 17.488 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.00 min
Lab File: VX016271.D
Acq: 15 May 2020 11:38

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.3	51.0	76.4
61	41.8	34.5	51.7





#33

1,2-Dichloroethane-d4

Concen: 44.465 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX016271.D

Acq: 15 May 2020 11:38

Instrument :

MSVOA_X

ClientSampleId :

VX0515WBS01

Tot Ion: 65 Resp: 160251

Ion Ratio Lower Upper

65 100

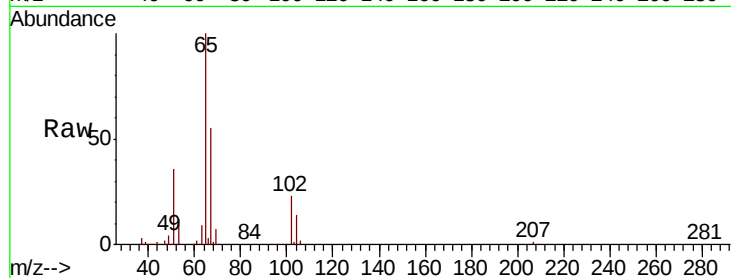
67 53.3 0.0 104.8

Manual Integrations

APPROVED

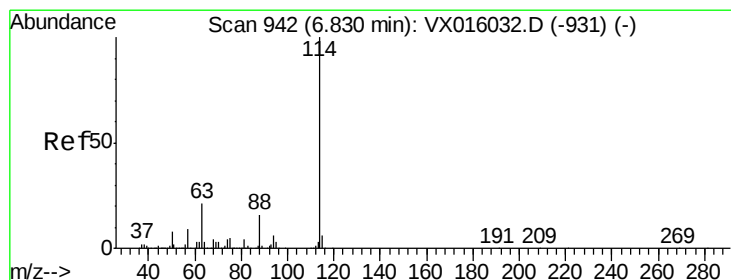
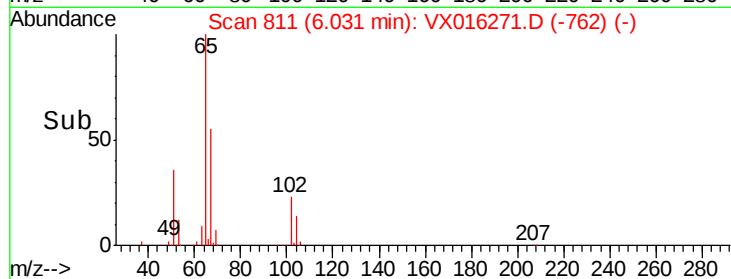
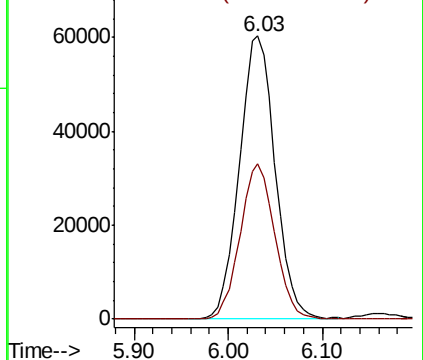
MMDadoda

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Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX016271.D

Acq: 15 May 2020 11:38

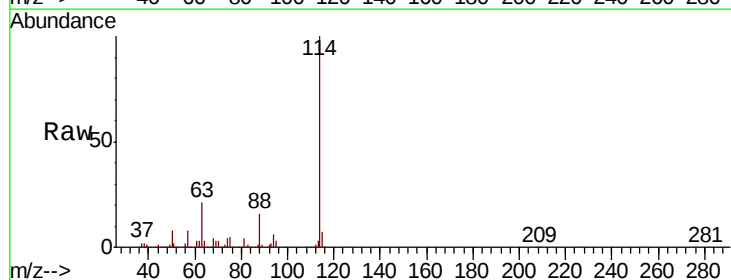
Tgt Ion: 114 Resp: 432266

Ion Ratio Lower Upper

114 100

63 20.6 0.0 42.8

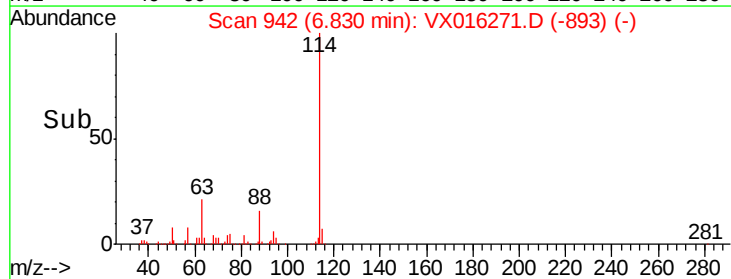
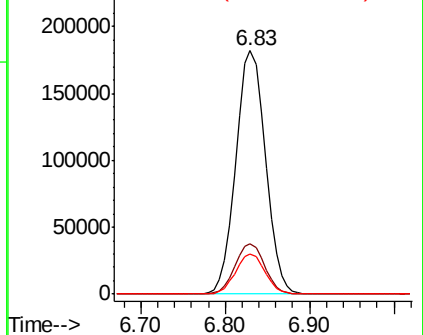
88 16.3 0.0 31.4

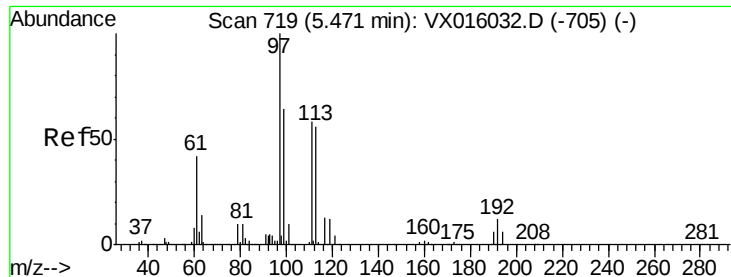


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





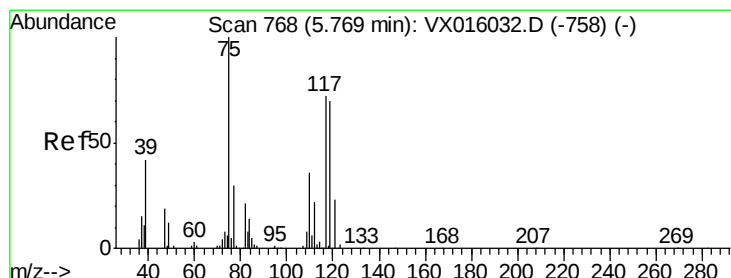
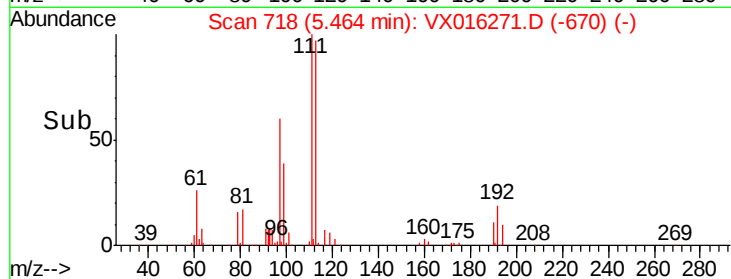
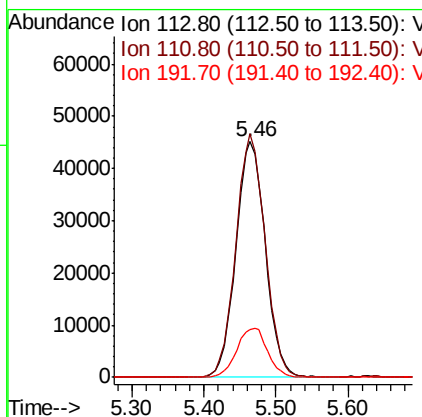
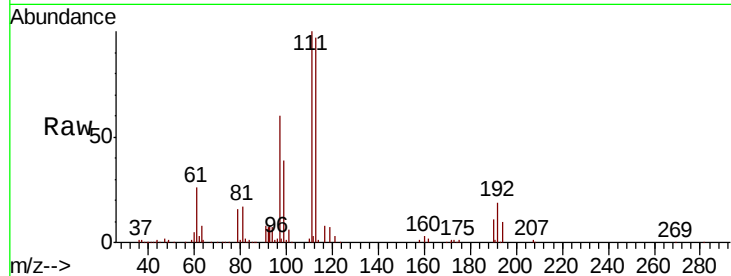
#35
 Dibromofluoromethane
 Concen: 46.725 ug/l
 RT: 5.46 min Scan# 718
 Delta R.T. -0.01 min
 Lab File: VX016271.D
 Acq: 15 May 2020 11:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0515WBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	127961		
111	102.6	81.6	122.4	
192	21.7	17.0	25.4	

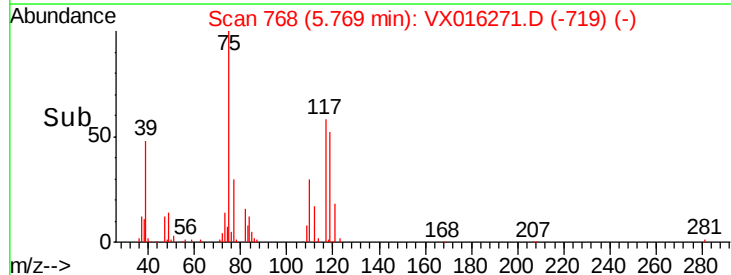
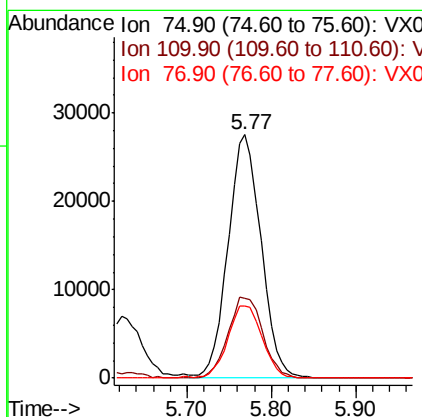
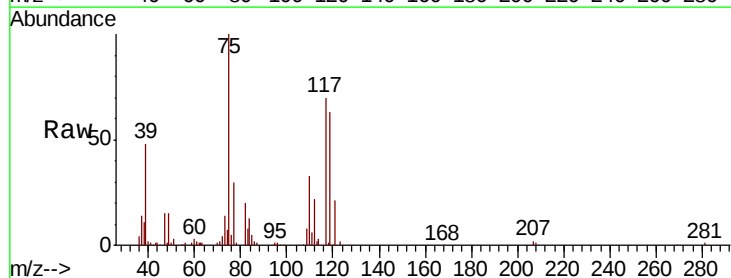
Manual Integrations
 APPROVED

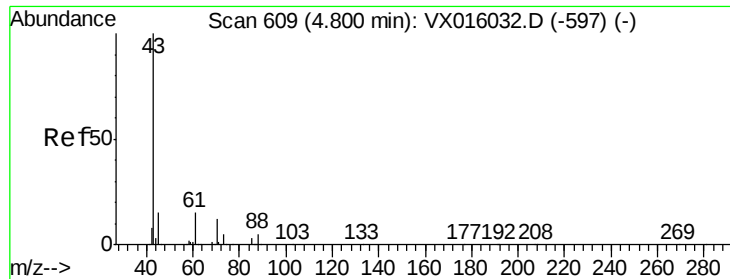
MMDadoda
 5/18/2020 12:52:42 PM



#36
 1,1-Dichloropropene
 Concen: 17.256 ug/l
 RT: 5.77 min Scan# 768
 Delta R.T. -0.00 min
 Lab File: VX016271.D
 Acq: 15 May 2020 11:38

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	73425		
110	34.8	18.1	54.1	
77	30.8	25.0	37.6	





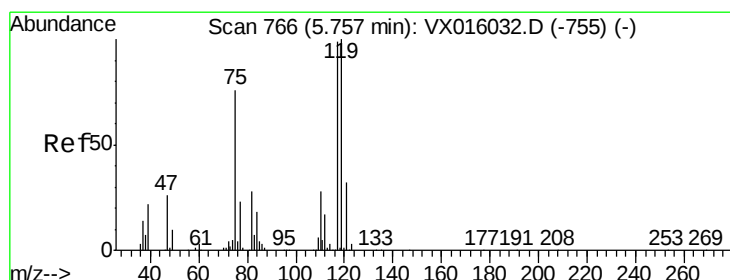
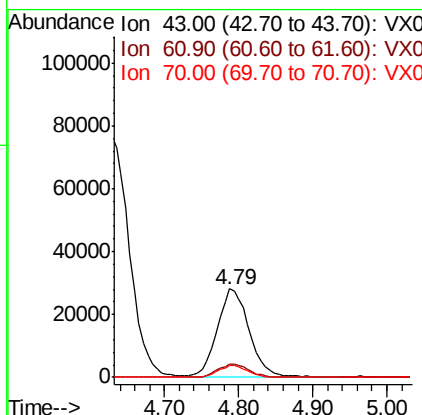
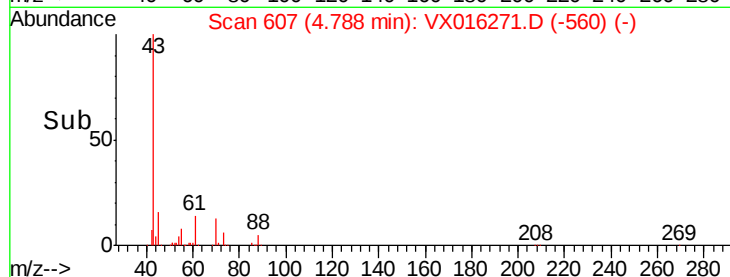
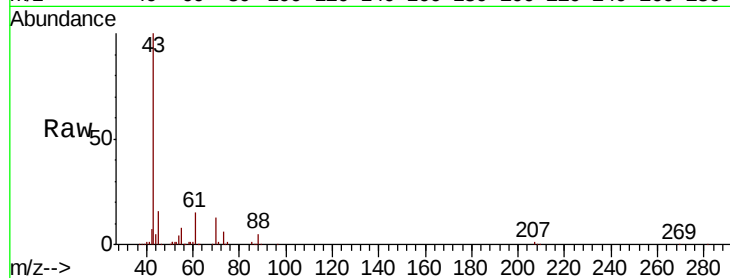
#37
Ethyl Acetate
Concen: 16.823 ug/l
RT: 4.79 min Scan# 607
Delta R.T. -0.01 min
Lab File: VX016271.D
Acq: 15 May 2020 11:38

Instrument :
MSVOA_X
ClientSampleId :
VX0515WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.2	11.7	17.5
70	12.7	9.3	13.9

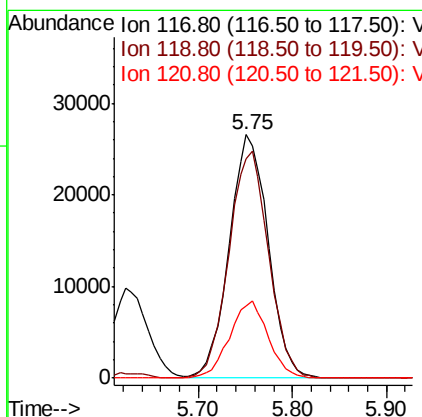
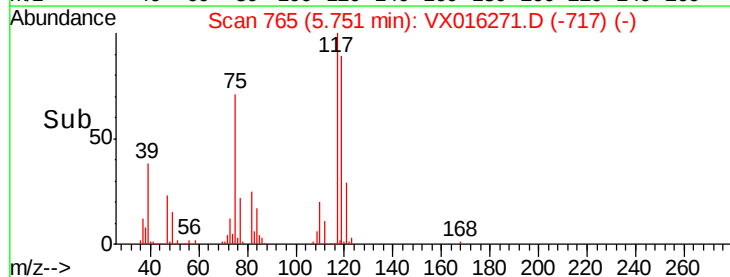
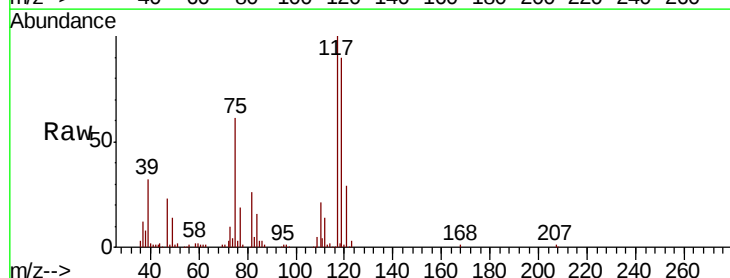
Manual Integrations
APPROVED

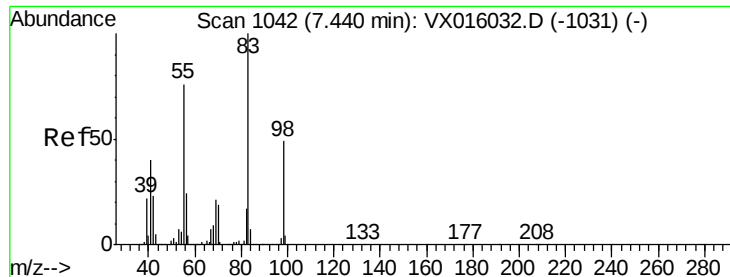
MMDadoda
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#38
Carbon Tetrachloride
Concen: 17.684 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.01 min
Lab File: VX016271.D
Acq: 15 May 2020 11:38

Tgt Ion	Ratio	Lower	Upper
117	100		
119	90.2	80.3	120.5
121	29.5	25.7	38.5





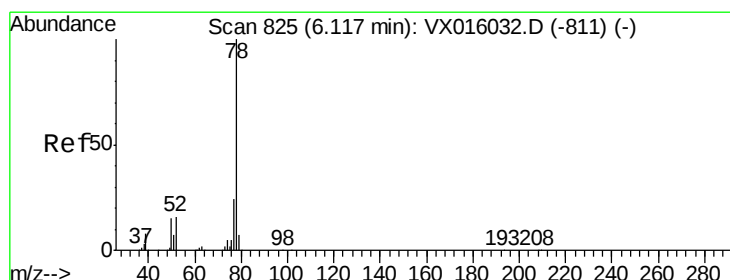
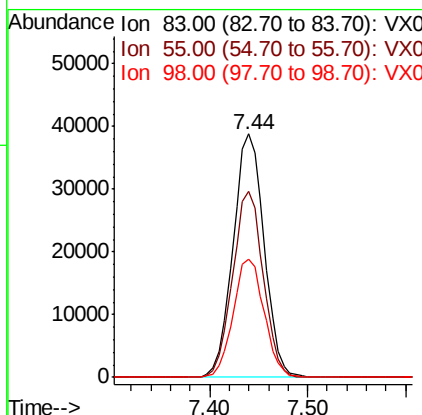
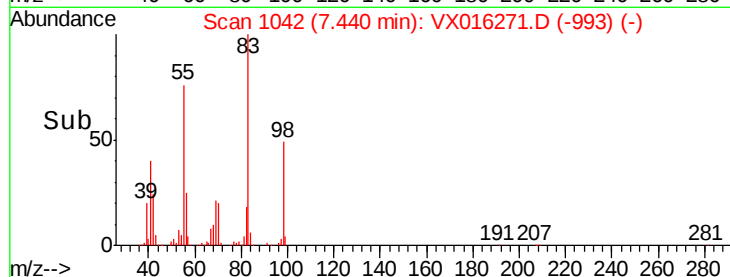
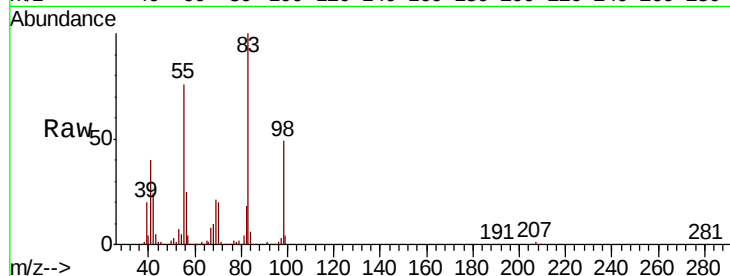
#39
Methvlcvclohexane
Concen: 16.640 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX016271.D
Acq: 15 May 2020 11:38

Instrument :
MSVOA_X
ClientSampleId :
VX0515WBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	76.0	61.1	91.7
98	48.8	39.0	58.4

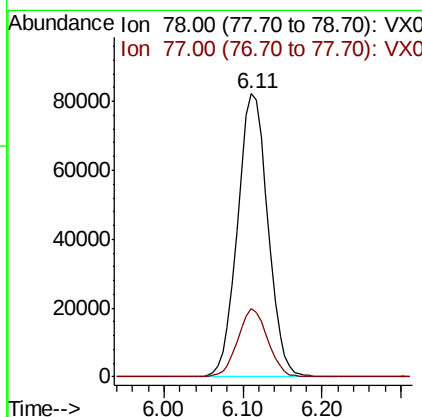
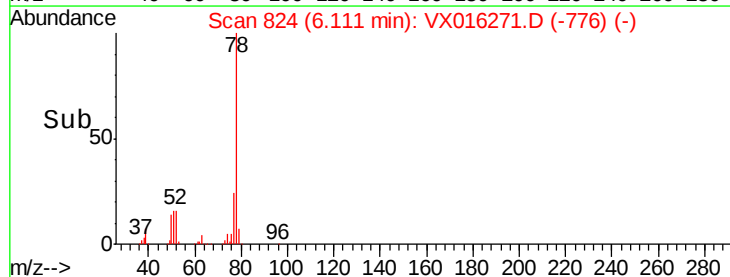
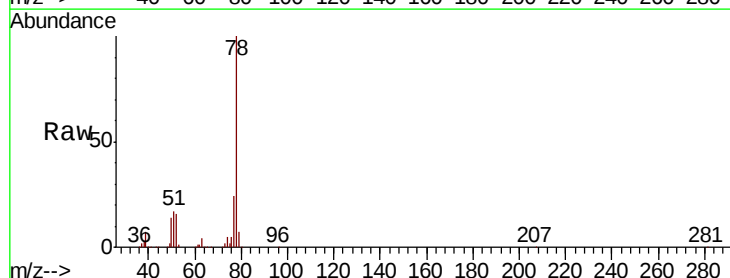
Manual Integrations
APPROVED

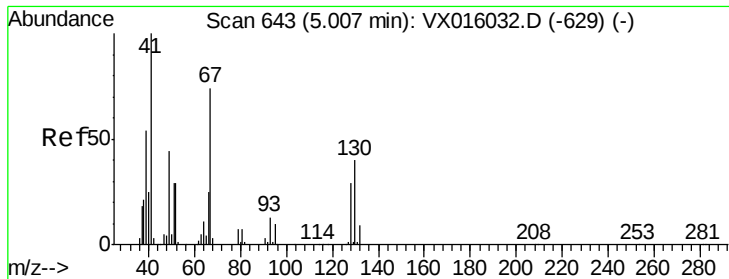
MMDadoda
5/18/2020 12:52:42 PM



#40
Benzene
Concen: 17.680 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.01 min
Lab File: VX016271.D
Acq: 15 May 2020 11:38

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.0	19.0	28.4





#41

Methacrylonitrile

Concen: 16.783 ug/l

RT: 5.01 min Scan# 643

Delta R.T. -0.00 min

Lab File: VX016271.D

Acq: 15 May 2020 11:38

Instrument :

MSVOA_X

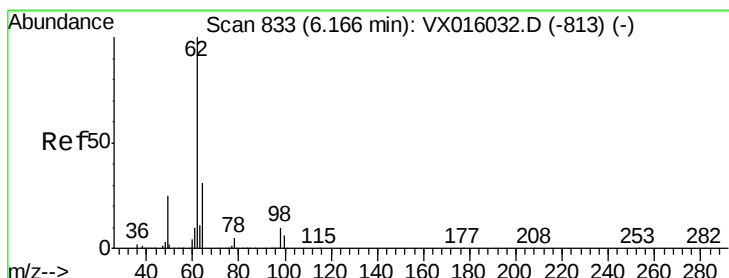
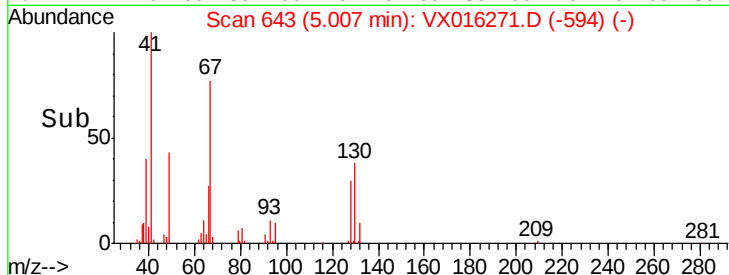
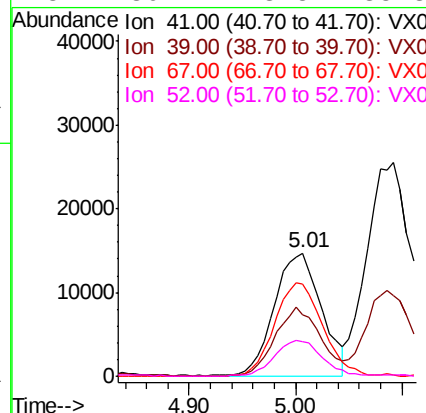
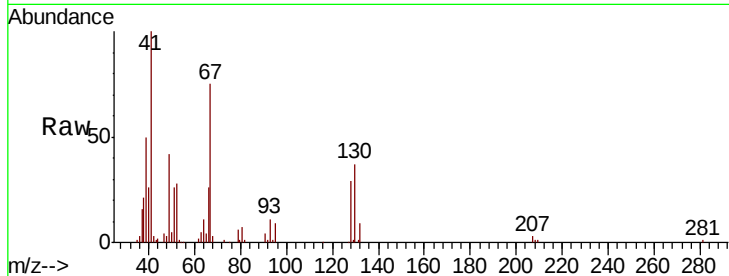
ClientSampleId :

VX0515WBS01

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	54.7	43.2	64.8	
67	78.2	59.3	88.9	
52	30.7	23.5	35.3	

Manual Integrations
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5/18/2020 12:52:42 PM



#42

1,2-Dichloroethane

Concen: 16.863 ug/l

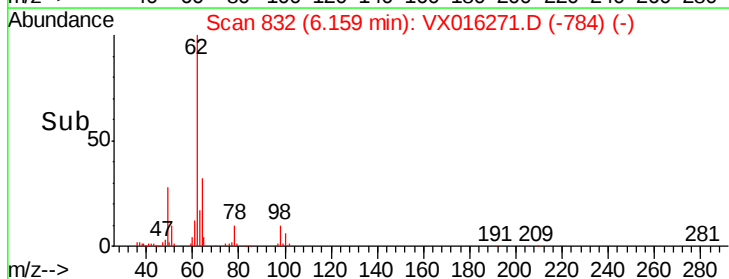
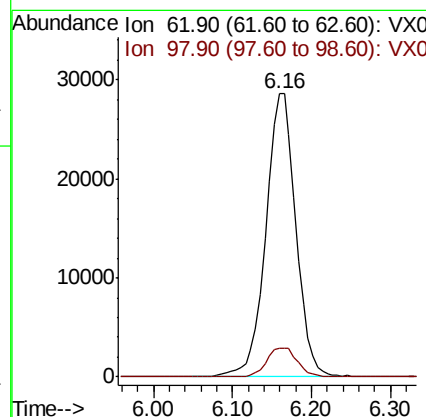
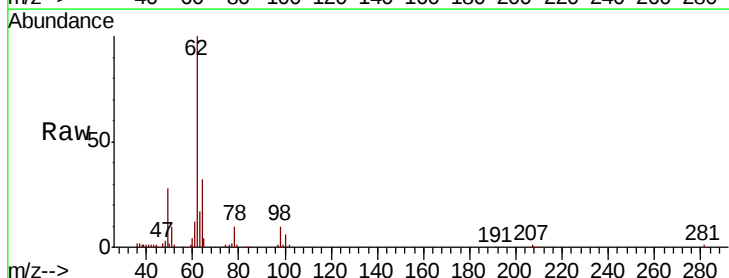
RT: 6.16 min Scan# 832

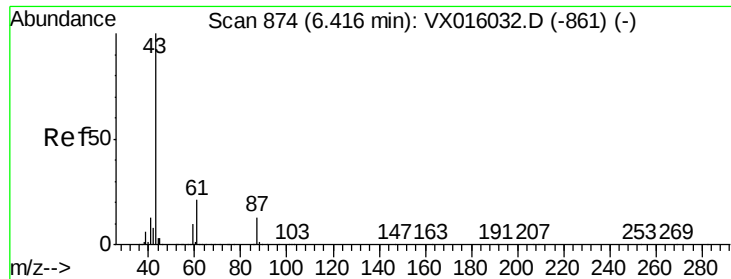
Delta R.T. -0.01 min

Lab File: VX016271.D

Acq: 15 May 2020 11:38

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.4	0.0	19.4	





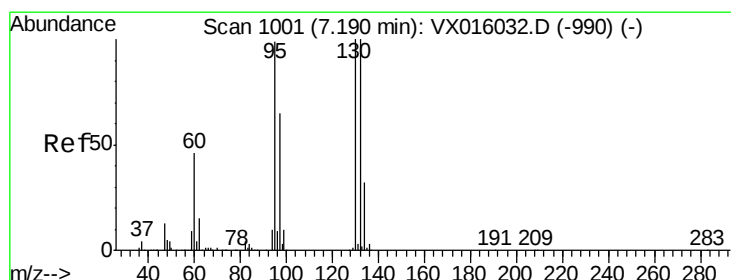
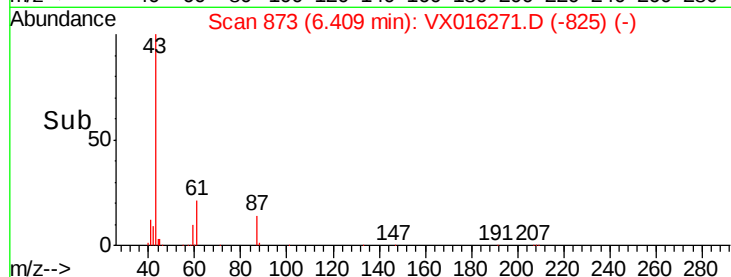
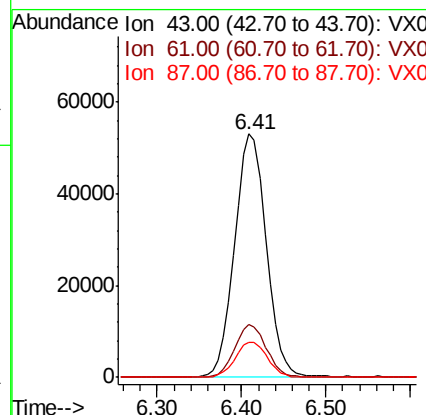
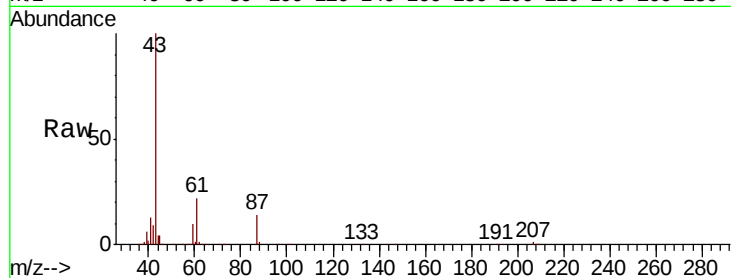
#43
Isopropyl Acetate
Concen: 17.065 ug/l
RT: 6.41 min Scan# 873
Delta R.T. -0.01 min
Lab File: VX016271.D
Acq: 15 May 2020 11:38

Instrument :
MSVOA_X
ClientSampleId :
VX0515WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	21.9	17.0	25.4
87	14.6	11.0	16.6

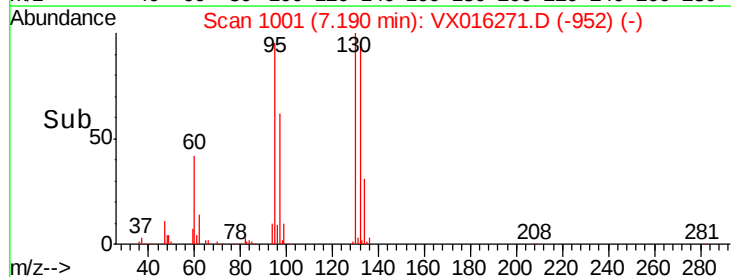
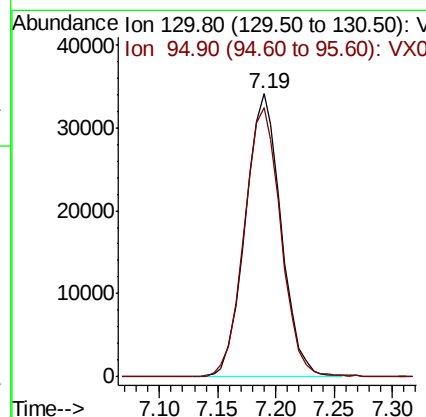
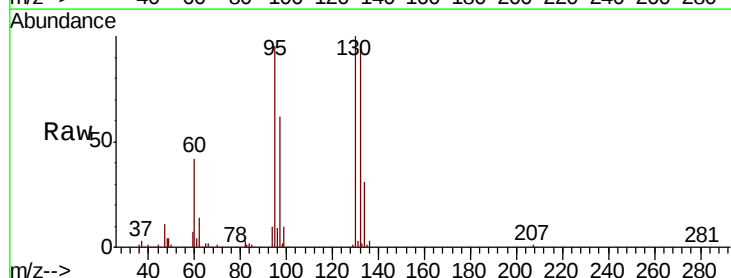
Manual Integrations
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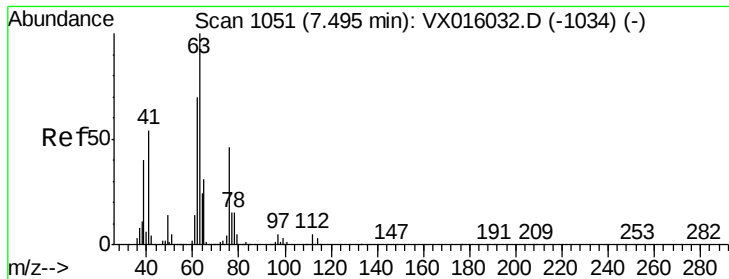
MMDadoda
5/18/2020 12:52:42 PM



#44
Trichloroethene
Concen: 16.474 ug/l
RT: 7.19 min Scan# 1001
Delta R.T. -0.00 min
Lab File: VX016271.D
Acq: 15 May 2020 11:38

Tgt Ion	Ratio	Lower	Upper
130	100		
95	95.0	0.0	197.4





#45

1,2-Dichloropropane

Concen: 18.034 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VX016271.D

Acq: 15 May 2020 11:38

Instrument :

MSVOA_X

ClientSampleId :

VX0515WBS01

Tot Ion: 63 Resp: 56812

Ion Ratio Lower Upper

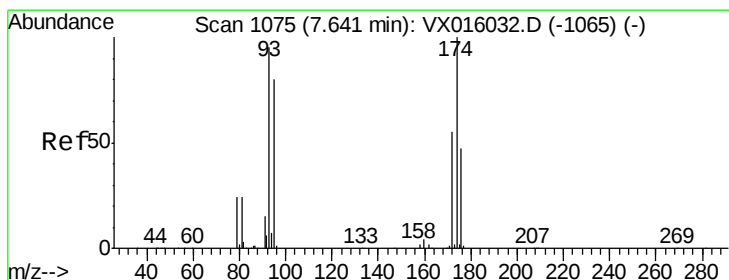
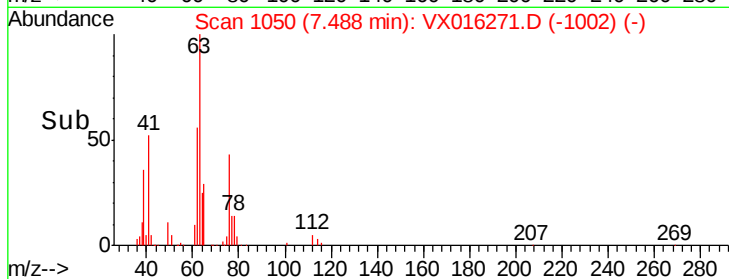
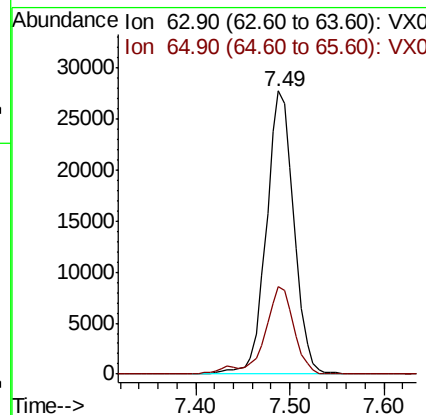
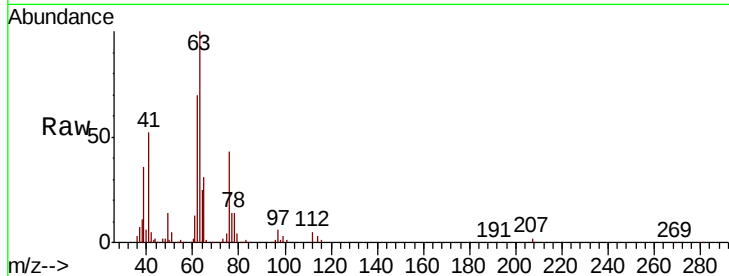
63 100

65 30.8 24.4 36.6

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#46

Dibromomethane

Concen: 17.407 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VX016271.D

Acq: 15 May 2020 11:38

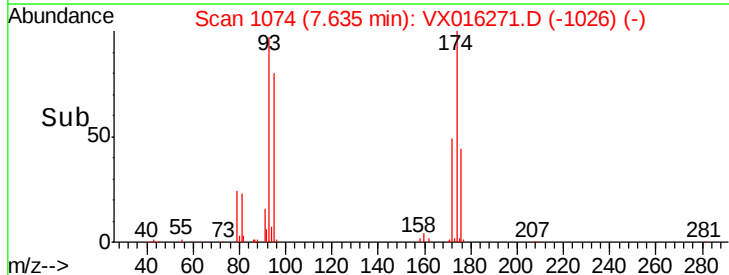
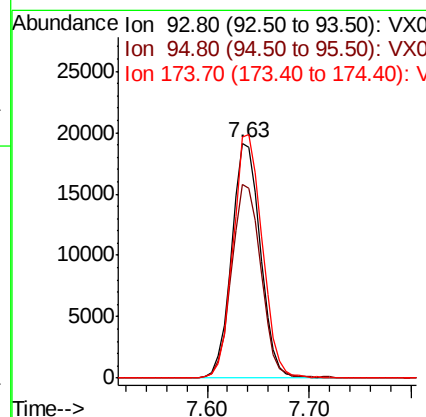
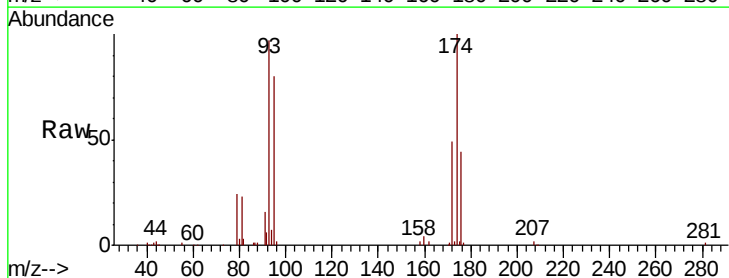
Tgt Ion: 93 Resp: 37265

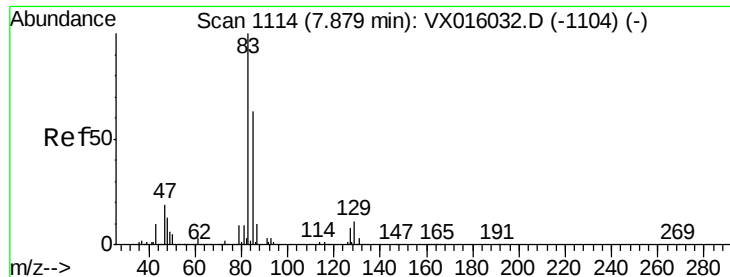
Ion Ratio Lower Upper

93 100

95 84.0 66.6 100.0

174 105.3 84.2 126.4





#47

Bromodichloromethane

Concen: 17.634 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VX016271.D

Acq: 15 May 2020 11:38

Instrument :

MSVOA_X

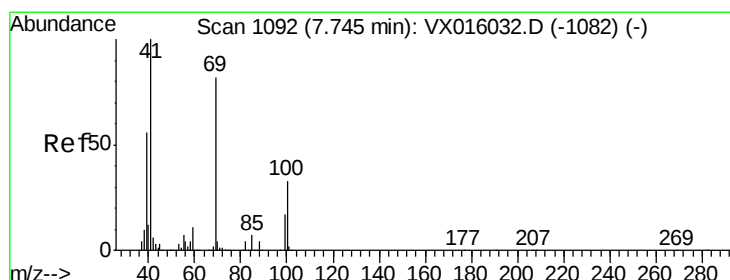
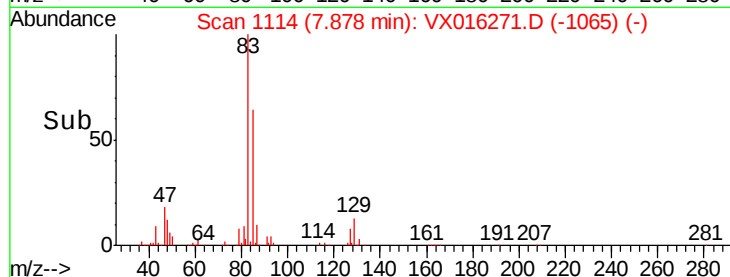
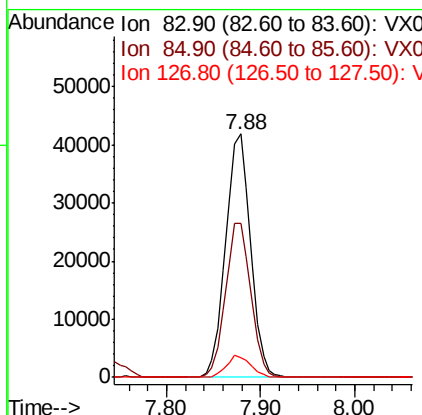
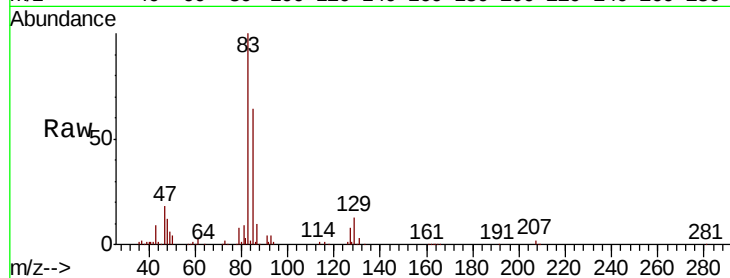
ClientSampleId :

VX0515WBS01

Tot Ion:	83	Resp:	76888
Ion	Ratio	Lower	Upper
83	100		
85	63.5	50.5	75.7
127	8.3	6.7	10.1

Manual Integrations
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#48

Methyl methacrylate

Concen: 16.424 ug/l

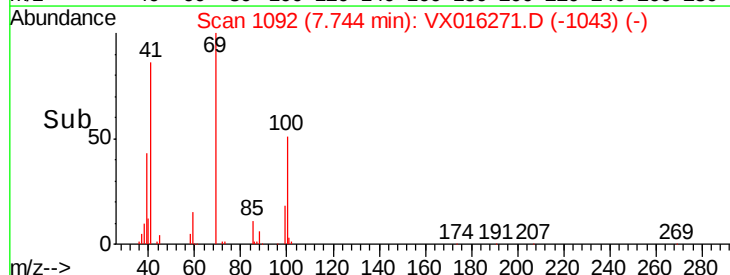
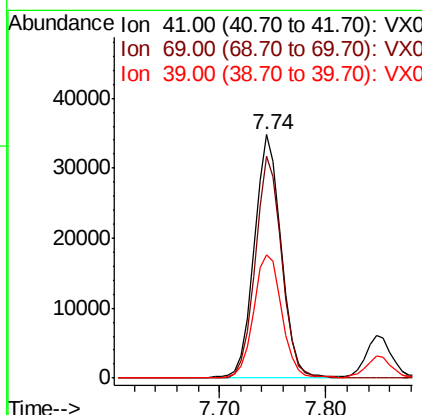
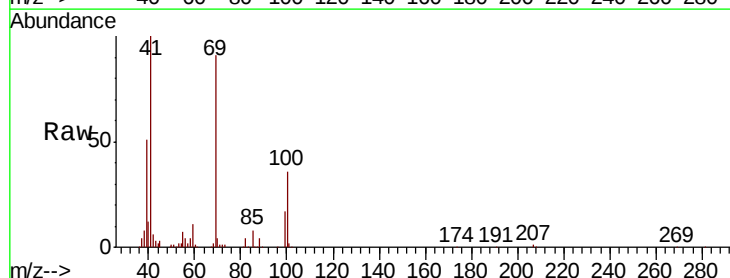
RT: 7.74 min Scan# 1092

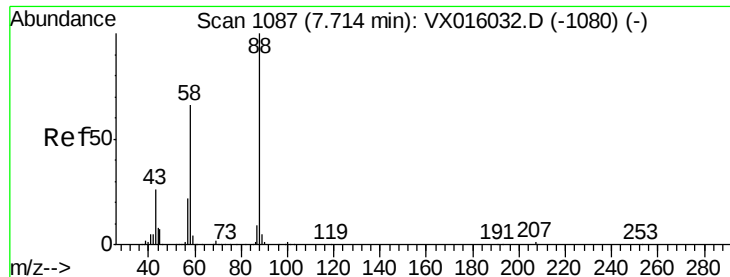
Delta R.T. -0.00 min

Lab File: VX016271.D

Acq: 15 May 2020 11:38

Tgt Ion:	41	Resp:	61237
Ion	Ratio	Lower	Upper
41	100		
69	90.4	67.8	101.6
39	54.0	44.6	67.0





#49

1,4-Dioxane

Concen: 330.315 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX016271.D

Acq: 15 May 2020 11:38

Instrument :

MSVOA_X

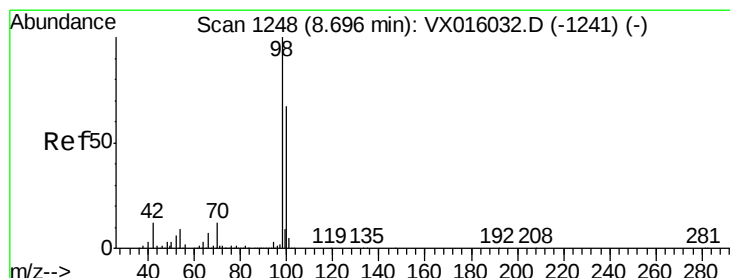
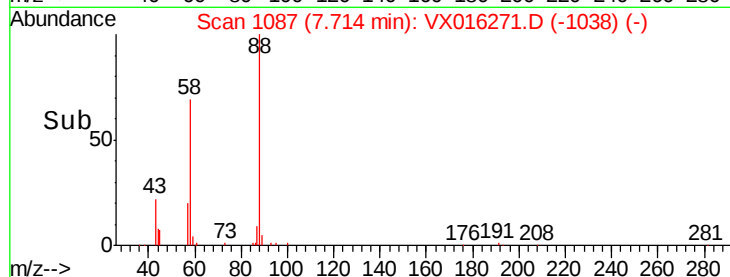
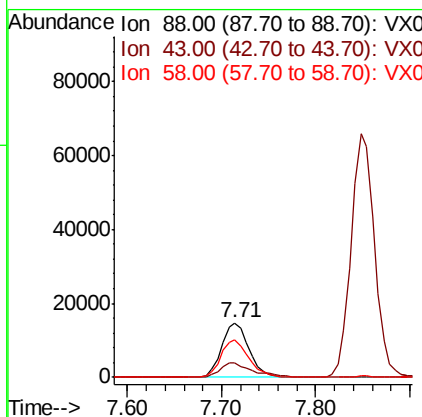
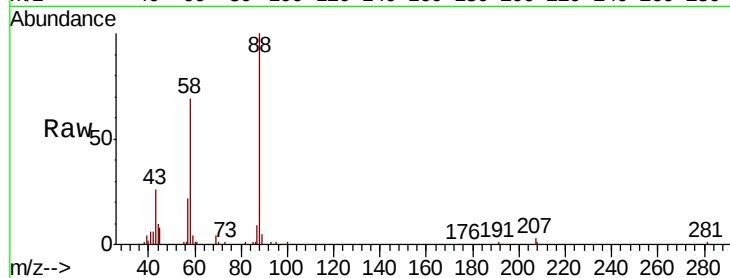
ClientSampleId :

VX0515WBS01

Tot Ion:	88	Resp:	29538
Ion	Ratio	Lower	Upper
88	100		
43	29.4	25.3	37.9
58	70.9	55.9	83.9

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#50

Toluene-d8

Concen: 48.179 ug/l

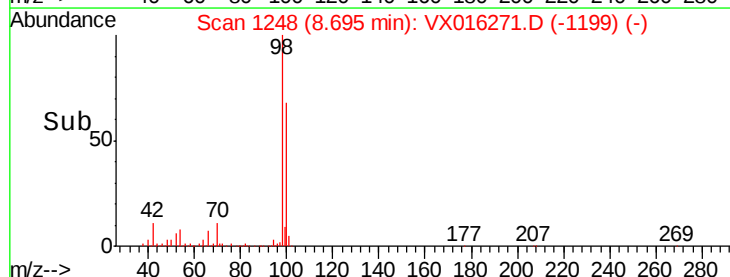
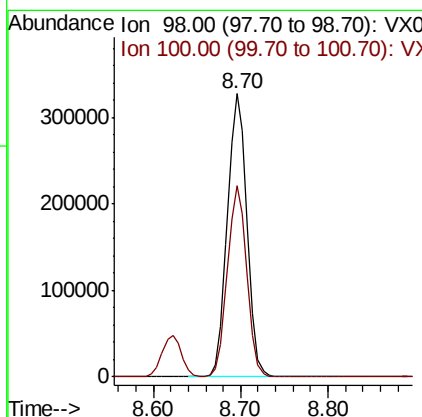
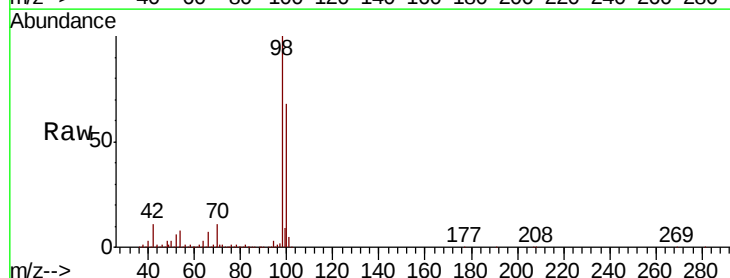
RT: 8.70 min Scan# 1248

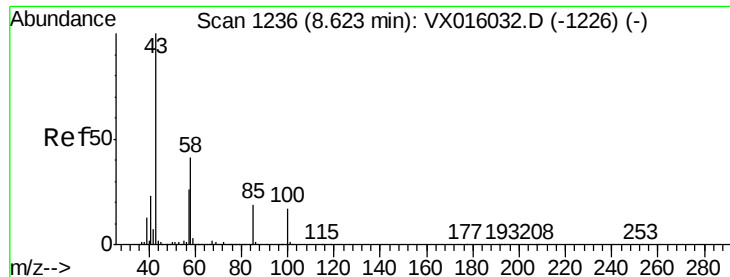
Delta R.T. -0.00 min

Lab File: VX016271.D

Acq: 15 May 2020 11:38

Tgt Ion:	98	Resp:	508387
Ion	Ratio	Lower	Upper
98	100		
100	66.7	53.7	80.5





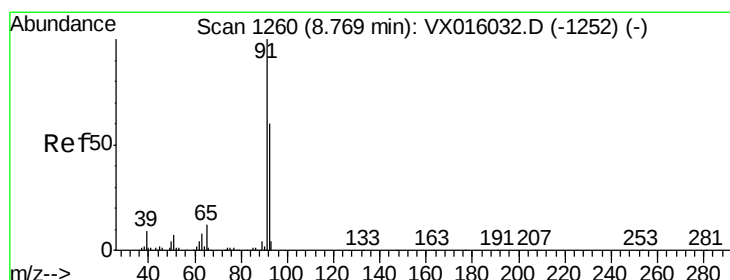
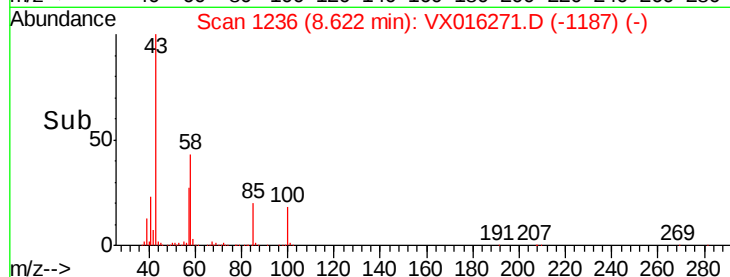
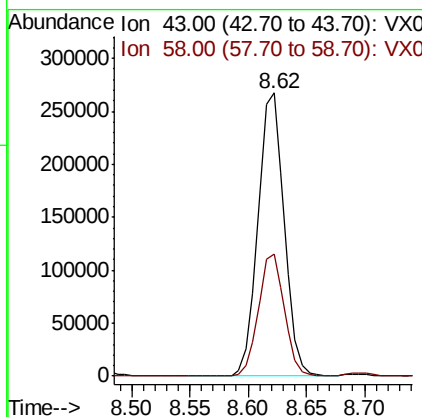
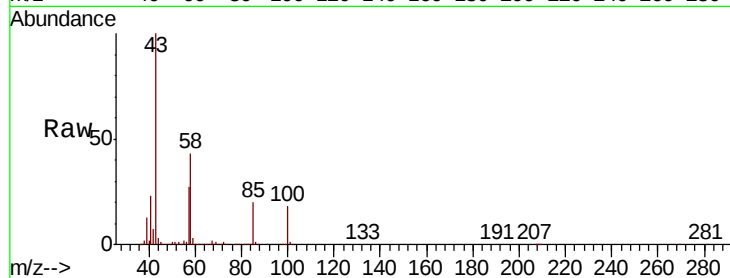
#51
4-Methyl-2-Pentanone
Concen: 87.269 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. -0.00 min
Lab File: VX016271.D
Acq: 15 May 2020 11:38

Instrument :
MSVOA_X
ClientSampleId :
VX0515WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	42.5	33.0	49.4

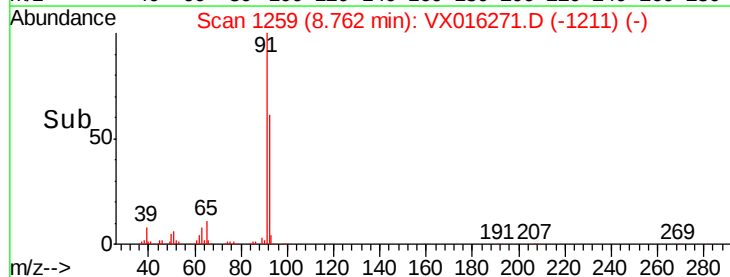
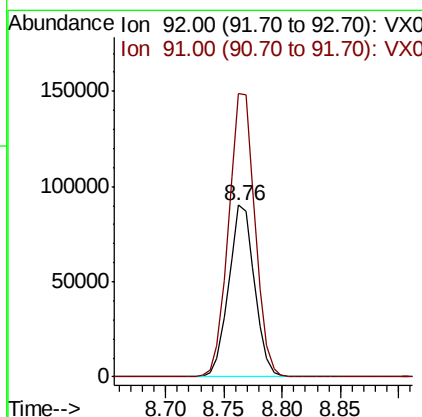
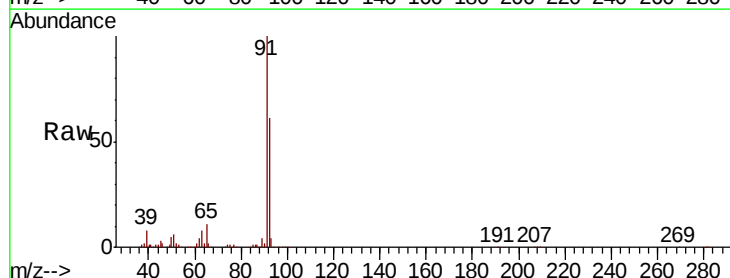
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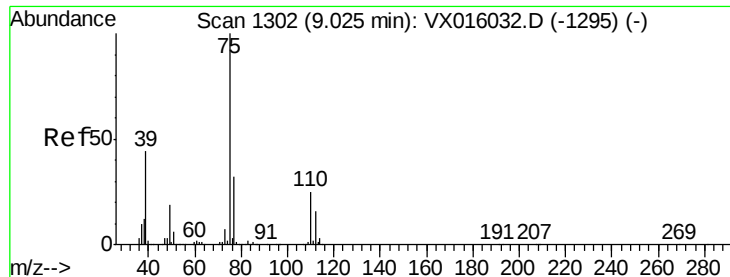
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#52
Toluene
Concen: 17.899 ug/l
RT: 8.76 min Scan# 1259
Delta R.T. -0.01 min
Lab File: VX016271.D
Acq: 15 May 2020 11:38

Tgt Ion	Ratio	Lower	Upper
92	100		
91	169.3	134.5	201.7





#53

t-1,3-Dichloropropene

Concen: 17.048 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX016271.D

Acq: 15 May 2020 11:38

Instrument :

MSVOA_X

ClientSampleId :

VX0515WBS01

Tot Ion: 75 Resp: 88625

Ion Ratio Lower Upper

75 100

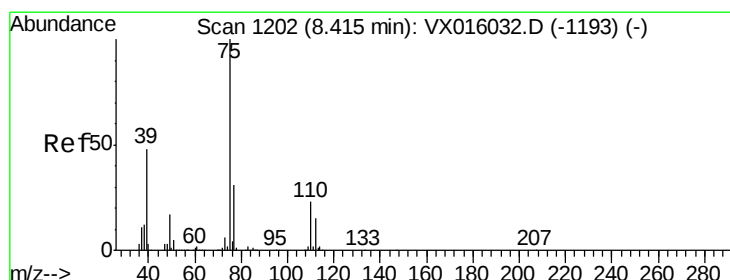
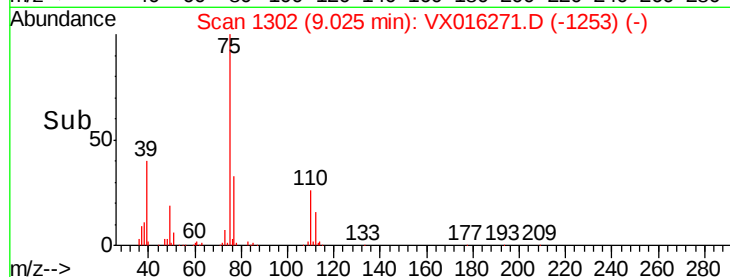
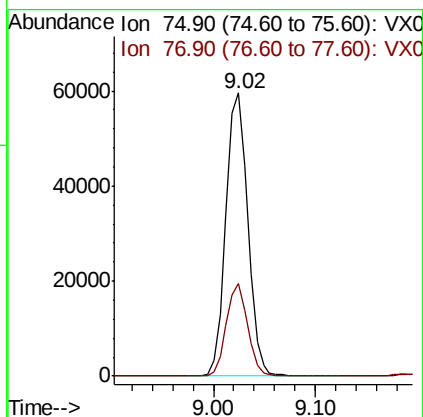
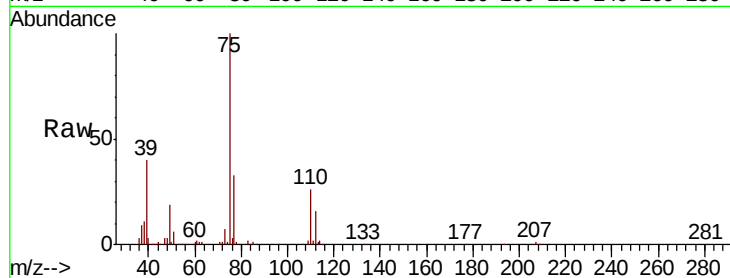
77 32.8 25.7 38.5

Manual Integrations

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#54

cis-1,3-Dichloropropene

Concen: 17.543 ug/l

RT: 8.41 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX016271.D

Acq: 15 May 2020 11:38

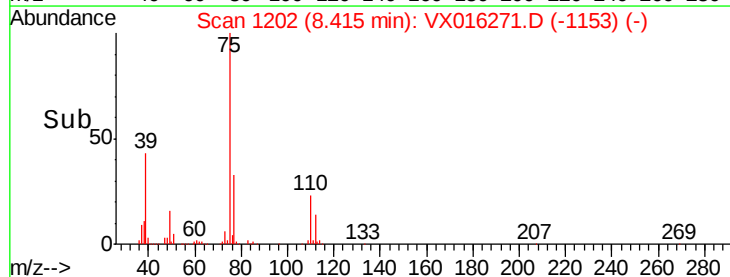
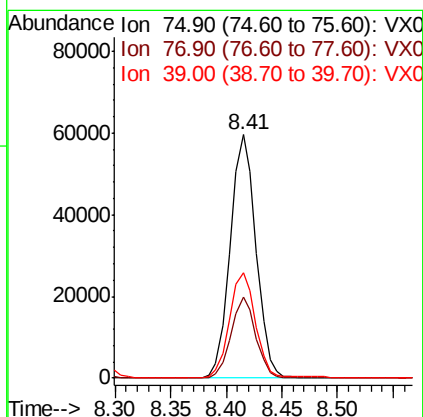
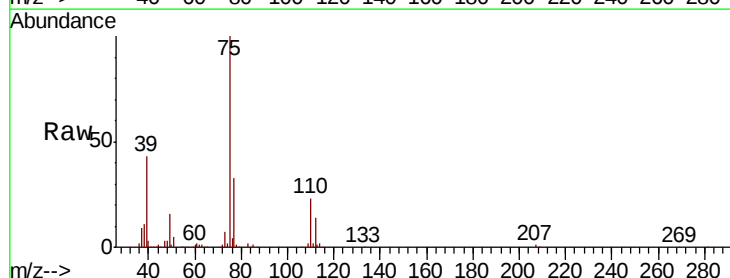
Tgt Ion: 75 Resp: 95259

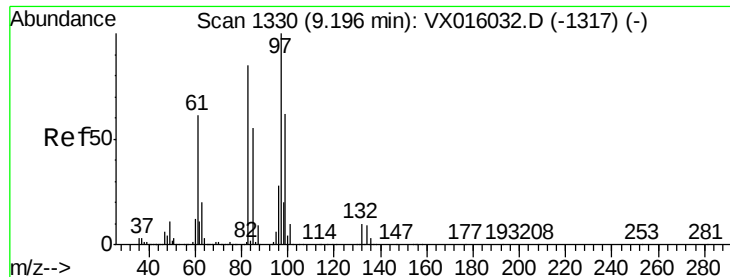
Ion Ratio Lower Upper

75 100

77 33.3 24.7 37.1

39 43.1 38.7 58.1





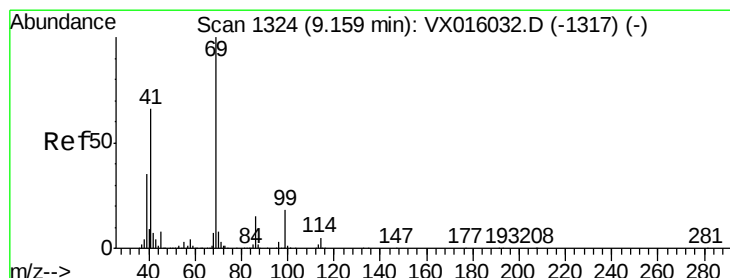
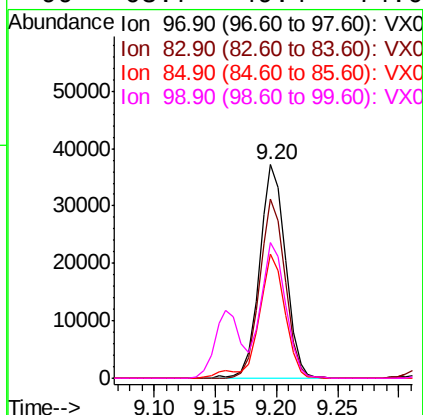
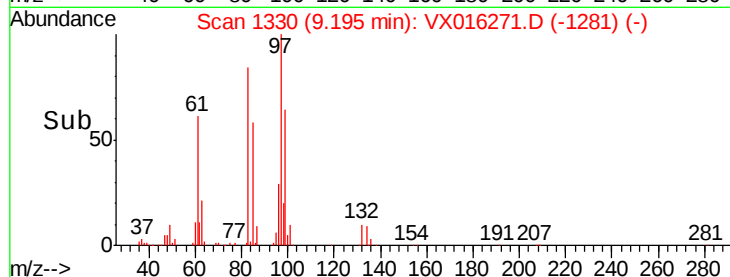
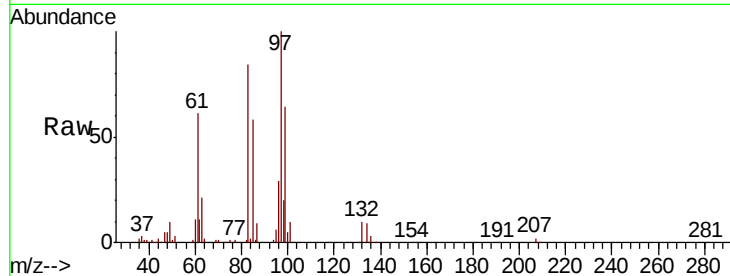
#55
 1,1,2-Trichloroethane
 Concen: 18.179 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX016271.D
 Acq: 15 May 2020 11:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0515WBS01

Tot Ion:	97	Resp:	55504
Ion	Ratio	Lower	Upper
97	100		
83	84.2	67.8	101.8
85	58.0	43.8	65.8
99	63.7	49.4	74.0

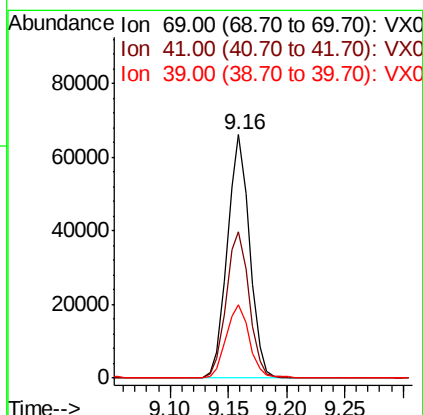
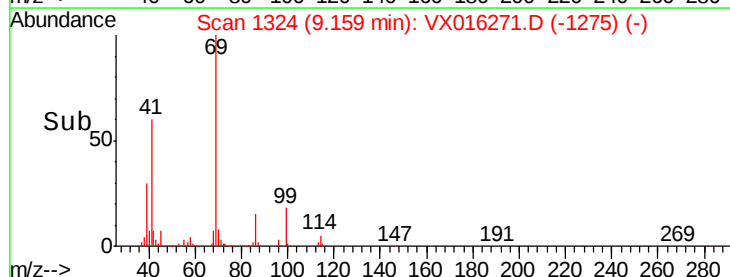
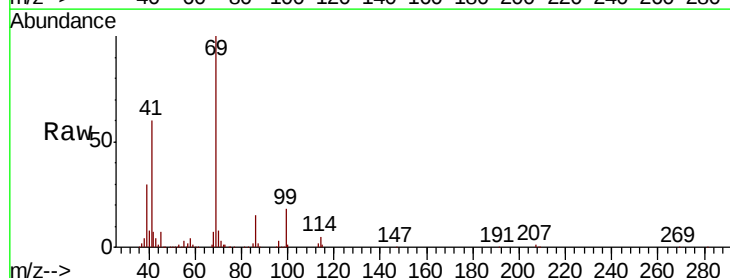
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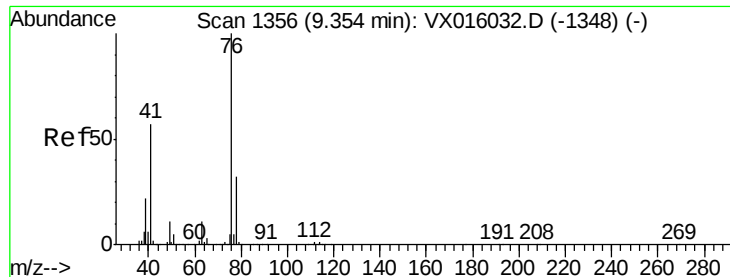
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#56
 Ethyl methacrylate
 Concen: 17.697 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX016271.D
 Acq: 15 May 2020 11:38

Tgt Ion:	69	Resp:	88199
Ion	Ratio	Lower	Upper
69	100		
41	61.5	52.2	78.4
39	31.9	28.2	42.4





#57

1,3-Dichloropropane

Concen: 17.981 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX016271.D

Acq: 15 May 2020 11:38

Instrument :

MSVOA_X

ClientSampleId :

VX0515WBS01

Tot Ion: 76 Resp: 95794

Ion Ratio Lower Upper

76 100

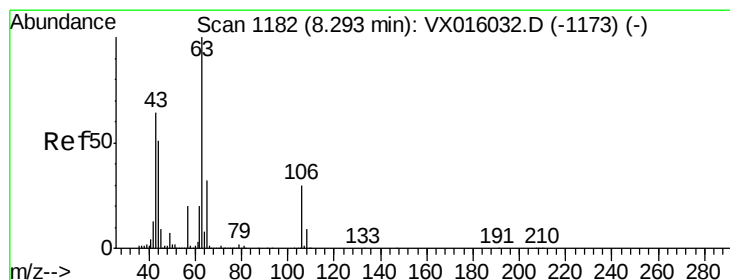
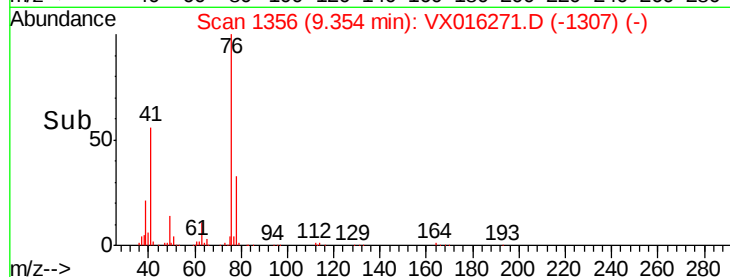
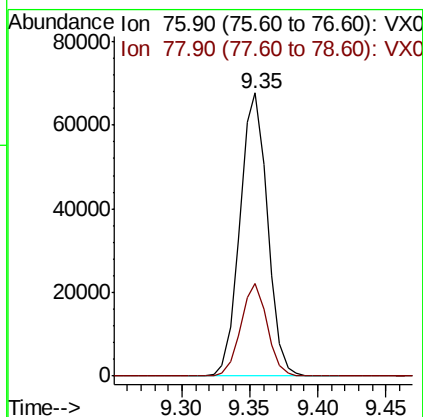
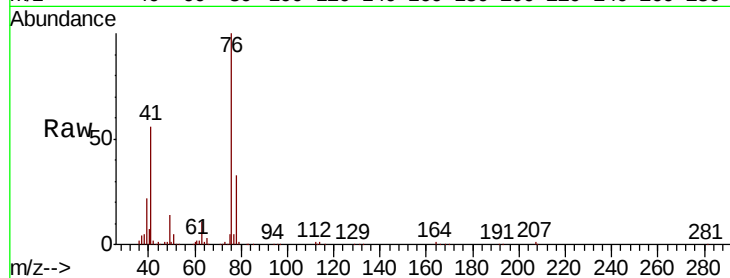
78 31.6 25.9 38.9

Manual Integrations

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#58

2-Chloroethyl Vinyl ether

Concen: 89.303 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VX016271.D

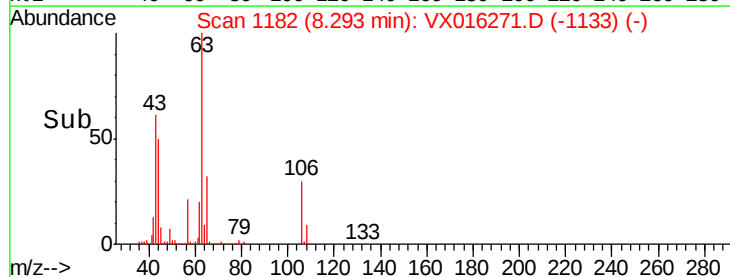
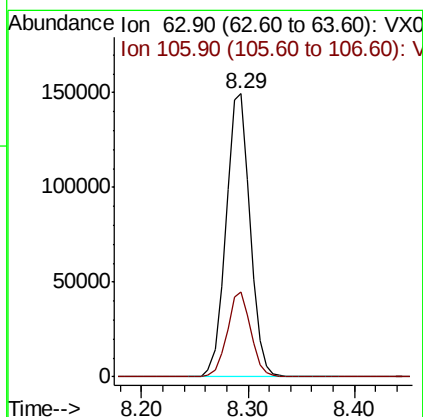
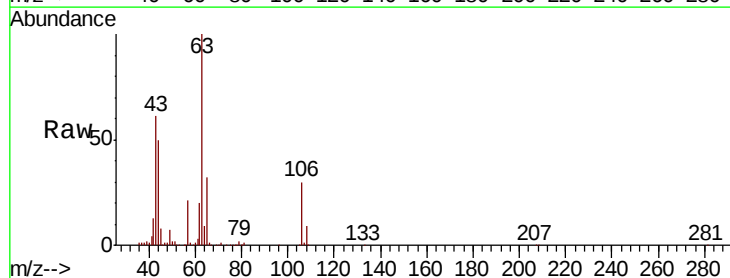
Acq: 15 May 2020 11:38

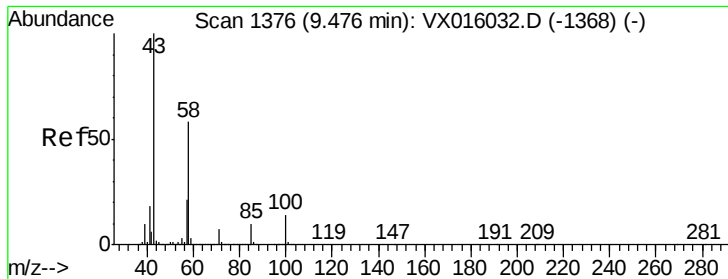
Tgt Ion: 63 Resp: 236942

Ion Ratio Lower Upper

63 100

106 29.3 23.4 35.2





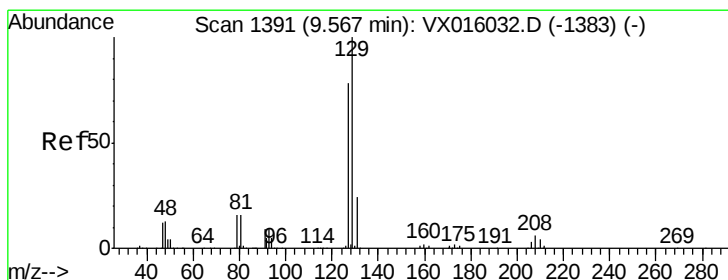
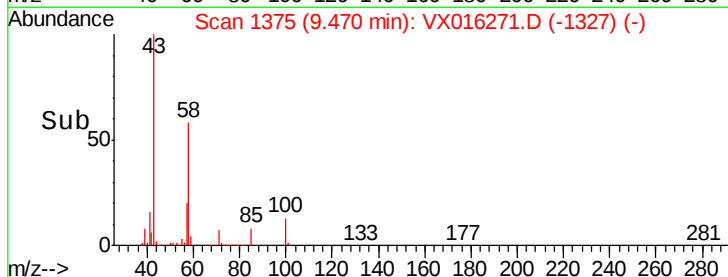
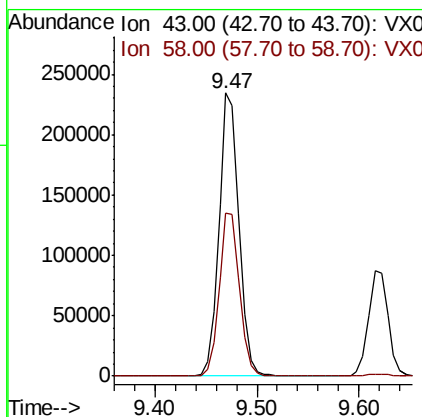
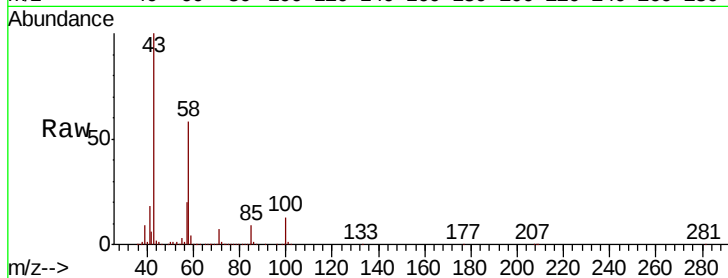
#59
2-Hexanone
Concen: 84.862 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.01 min
Lab File: VX016271.D
Acq: 15 May 2020 11:38

Instrument :
MSVOA_X
ClientSampleId :
VX0515WBS01

Tot Ion: 43 Resp: 320906
Ion Ratio Lower Upper
43 100
58 58.7 28.6 85.9

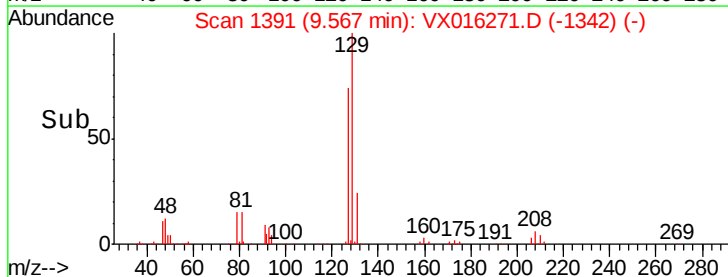
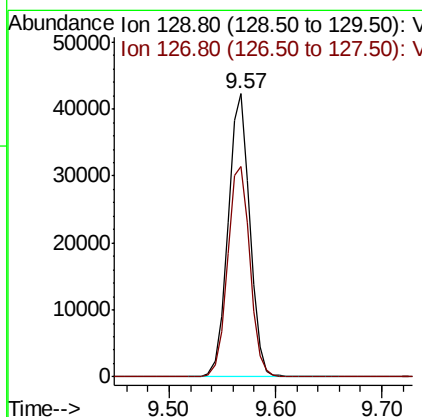
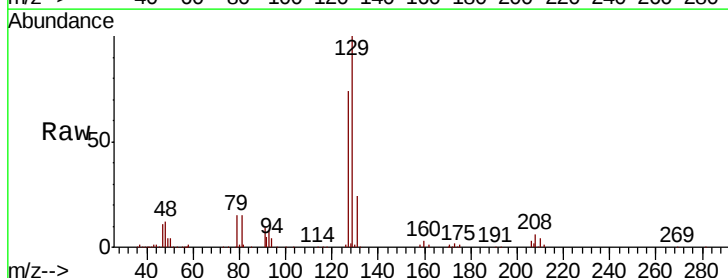
Manual Integrations
APPROVED

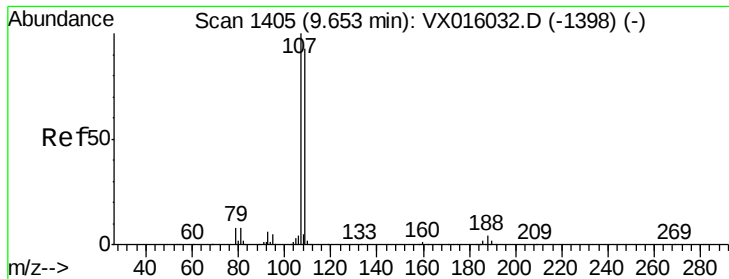
MMDadoda
5/18/2020 12:52:42 PM



#60
Dibromochloromethane
Concen: 17.950 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX016271.D
Acq: 15 May 2020 11:38

Tgt Ion: 129 Resp: 60358
Ion Ratio Lower Upper
129 100
127 76.7 38.4 115.2





#61

1,2-Dibromoethane

Concen: 17.684 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX016271.D

Acq: 15 May 2020 11:38

Instrument :

MSVOA_X

ClientSampleId :

VX0515WBS01

Tot Ion: 107 Resp: 58485

Ion Ratio Lower Upper

107 100

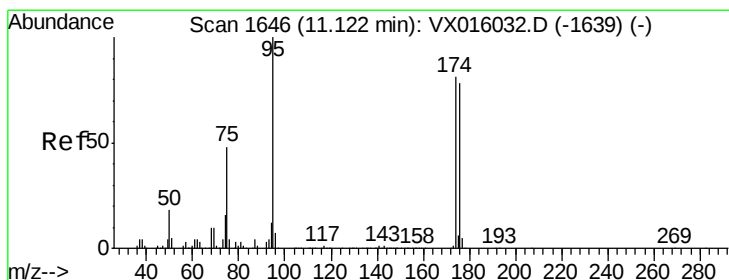
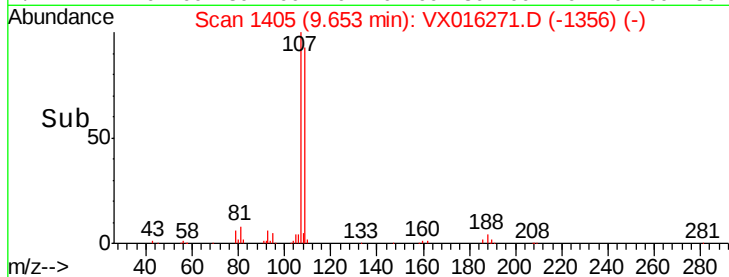
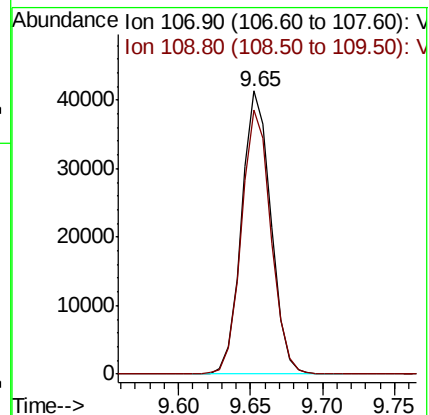
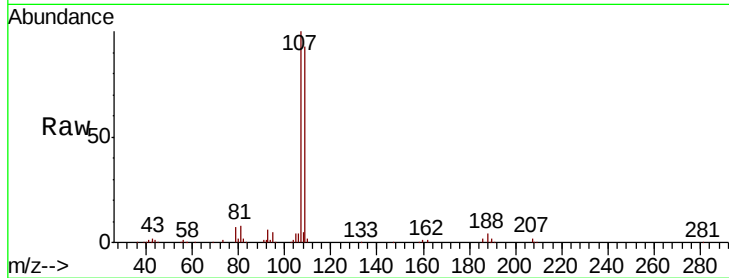
109 94.2 74.9 112.3

Manual Integrations

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MMDadoda

5/18/2020 12:52:42 PM



#62

4-Bromofluorobenzene

Concen: 46.830 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016271.D

Acq: 15 May 2020 11:38

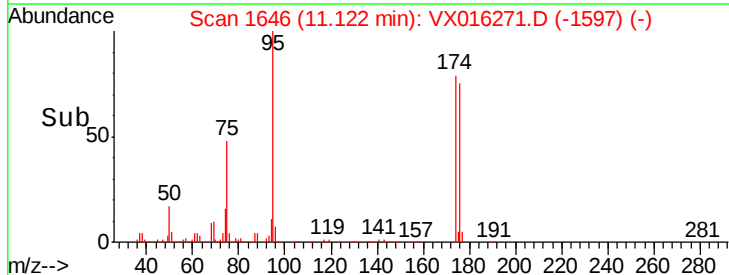
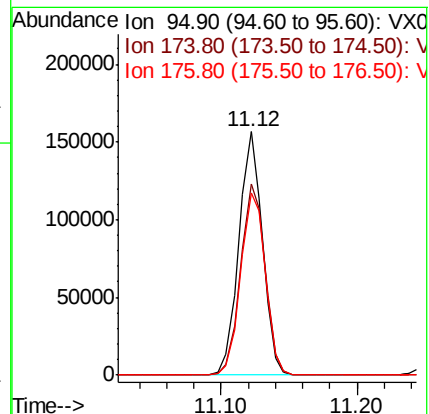
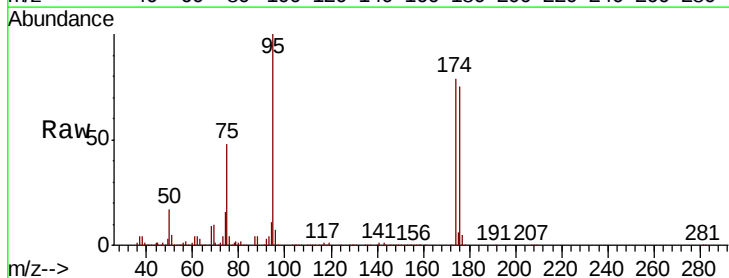
Tgt Ion: 95 Resp: 187949

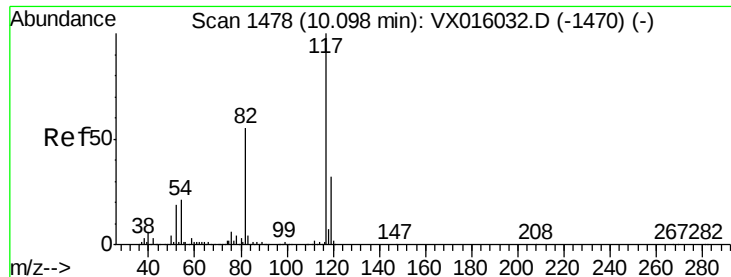
Ion Ratio Lower Upper

95 100

174 81.7 0.0 159.4

176 78.4 0.0 157.6





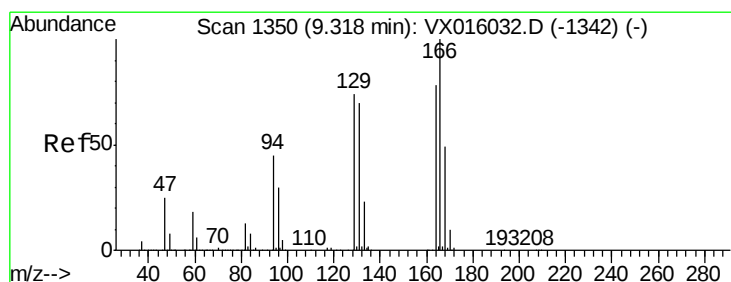
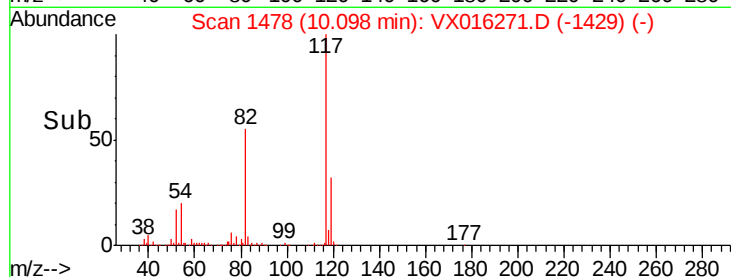
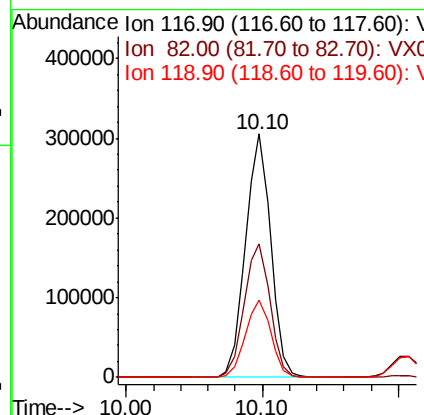
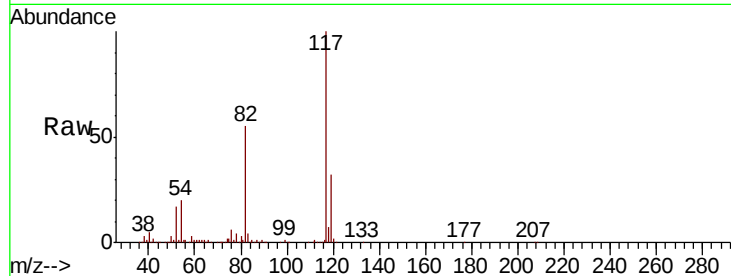
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016271.D
Acq: 15 May 2020 11:38

Instrument :
MSVOA_X
ClientSampleId :
VX0515WBS01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	395321		
82	55.0	44.4	66.6	
119	31.8	25.5	38.3	

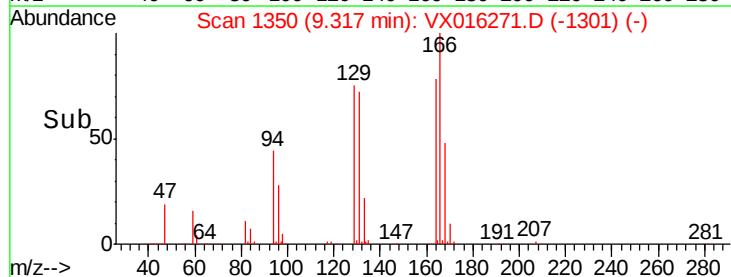
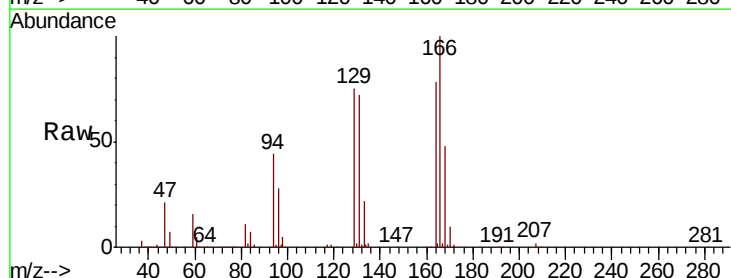
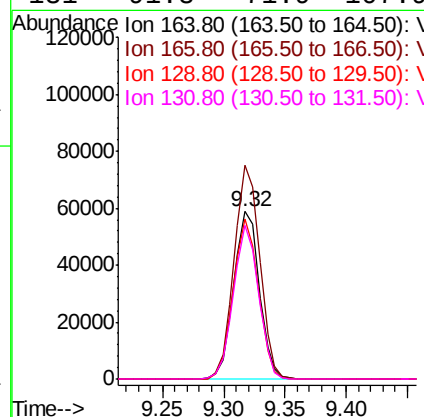
Manual Integrations
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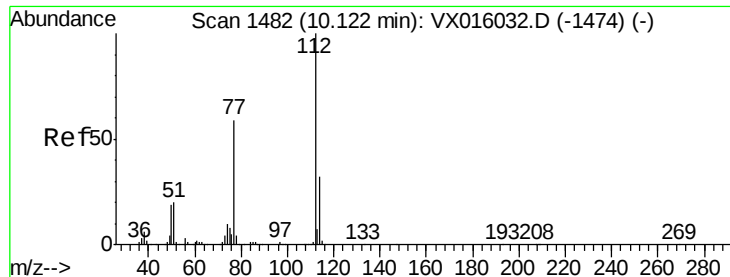
MMDadoda
5/18/2020 12:52:42 PM



#64
Tetrachloroethene
Concen: 17.521 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX016271.D
Acq: 15 May 2020 11:38

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	85033		
166	127.6	102.9	154.3	
129	95.6	76.1	114.1	
131	91.8	71.9	107.9	





#65

Chlorobenzene

Concen: 17.846 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX016271.D

Acq: 15 May 2020 11:38

Instrument :

MSVOA_X

ClientSampleId :

VX0515WBS01

Tot Ion:112 Resp: 147724

Ion Ratio Lower Upper

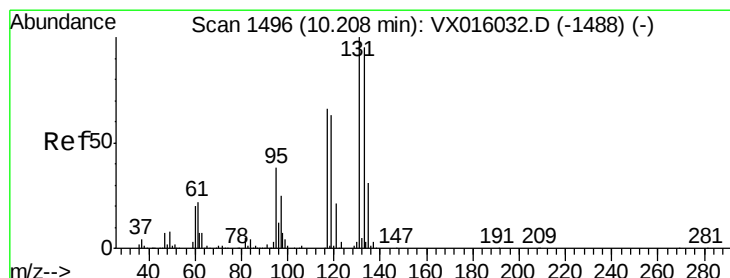
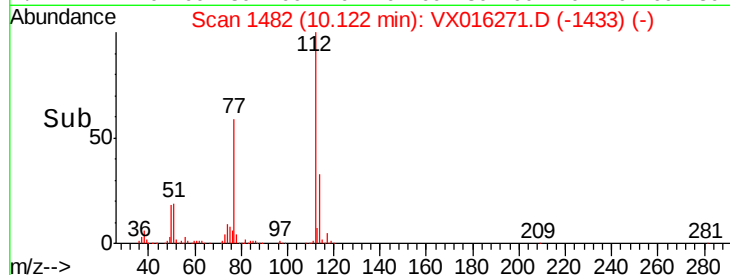
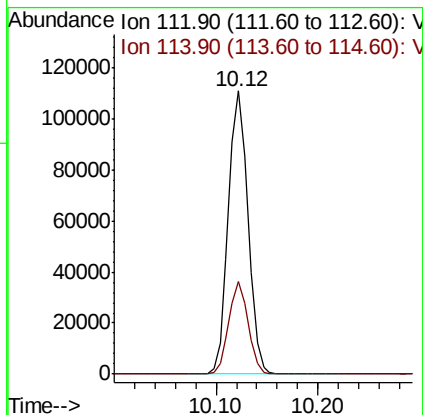
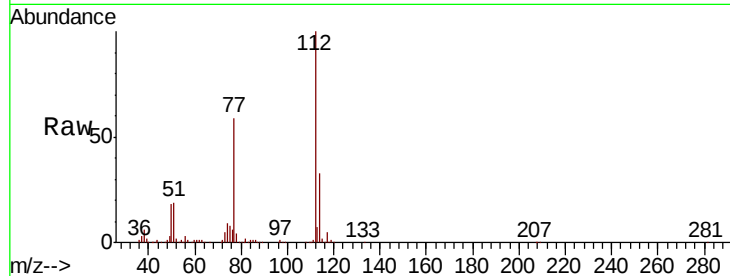
112 100

114 32.7 25.7 38.5

Manual Integrations
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#66

1,1,1,2-Tetrachloroethane

Concen: 18.273 ug/l

RT: 10.21 min Scan# 1496

Delta R.T. -0.00 min

Lab File: VX016271.D

Acq: 15 May 2020 11:38

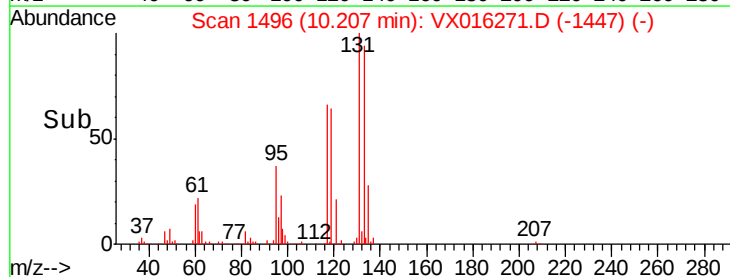
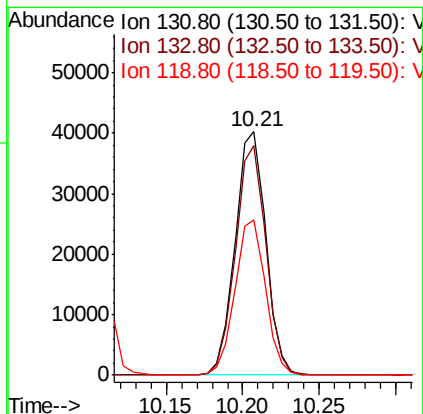
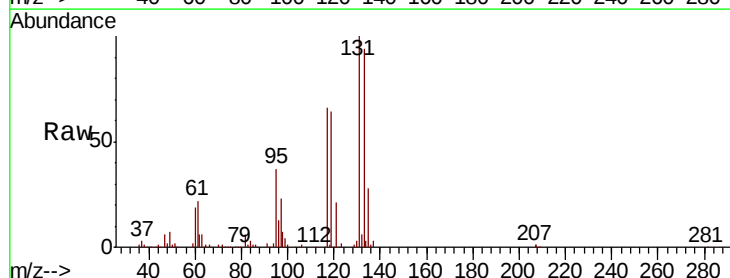
Tgt Ion:131 Resp: 55905

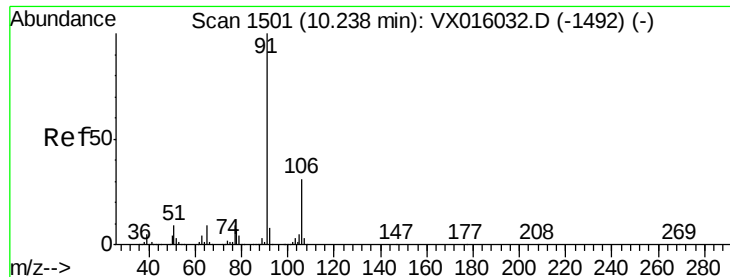
Ion Ratio Lower Upper

131 100

133 94.4 48.3 144.8

119 63.2 32.3 96.9





#67

Ethyl Benzene

Concen: 17.748 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. -0.00 min

Lab File: VX016271.D

Acq: 15 May 2020 11:38

Instrument :

MSVOA_X

ClientSampled :

VX0515WBS01

Tot Ion: 91 Resp: 262119

Ion Ratio Lower Upper

91 100

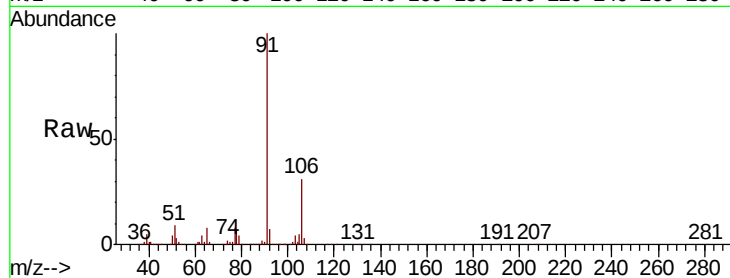
106 30.9 25.1 37.7

Manual Integrations

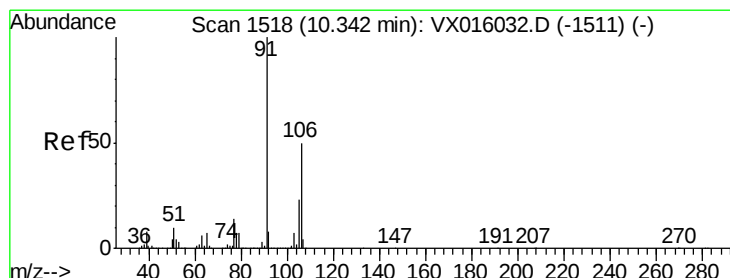
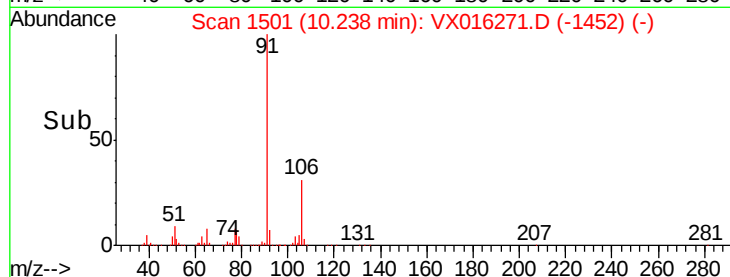
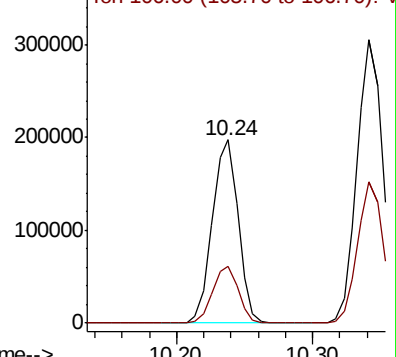
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Abundance Ion 91.00 (90.70 to 91.70): VX016032.D (-1492) (-)



#68

m/p-Xylenes

Concen: 36.515 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX016271.D

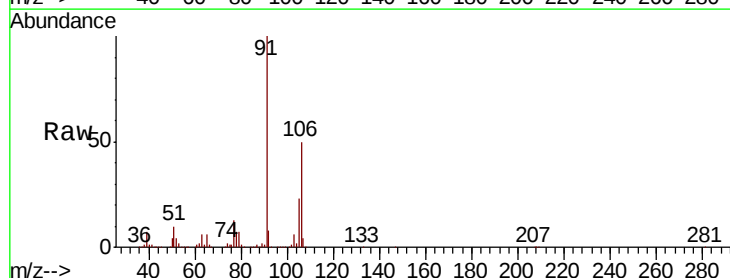
Acq: 15 May 2020 11:38

Tgt Ion: 106 Resp: 202056

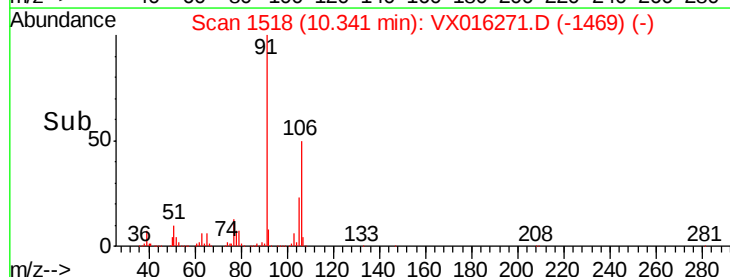
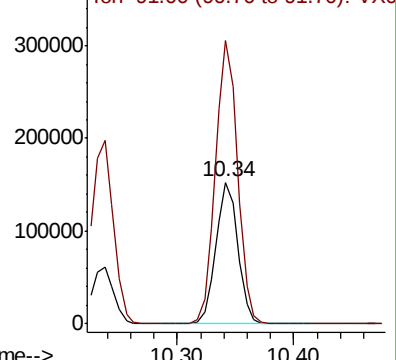
Ion Ratio Lower Upper

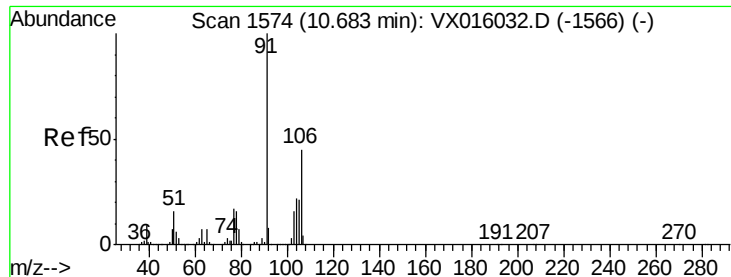
106 100

91 201.2 161.7 242.5



Abundance Ion 106.00 (105.70 to 106.70): VX016032.D (-1511) (-)





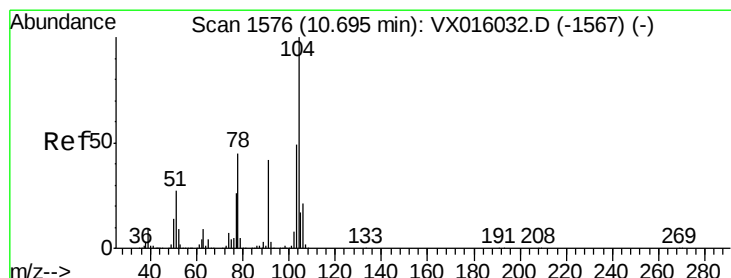
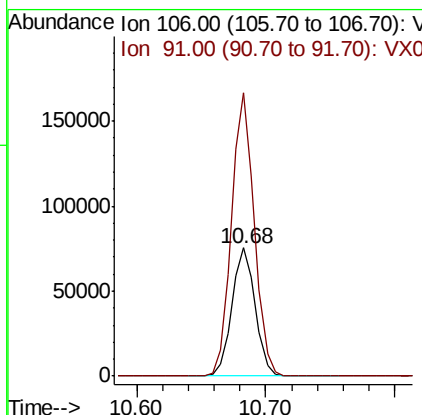
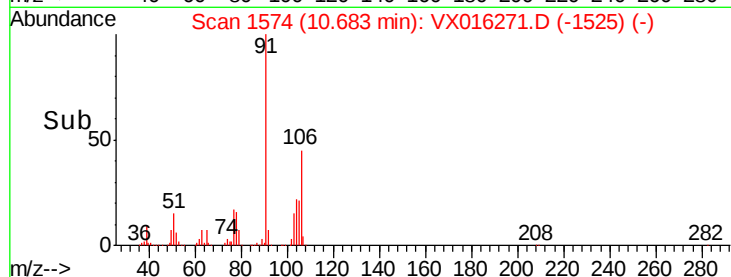
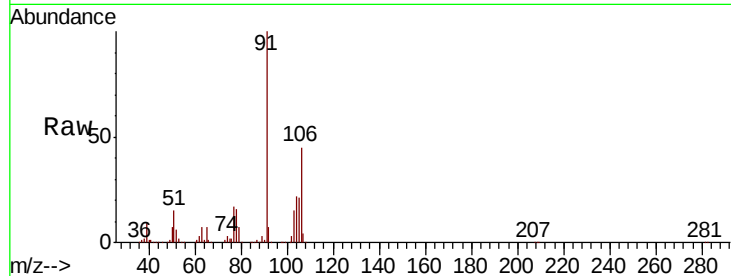
#69
o-Xylene
Concen: 17.896 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX016271.D
Acq: 15 May 2020 11:38

Instrument :
MSVOA_X
ClientSampleId :
VX0515WBS01

Tot Ion	Ion	Ratio	Lower	Upper
106	106	100		
91	91	216.3	107.5	322.6

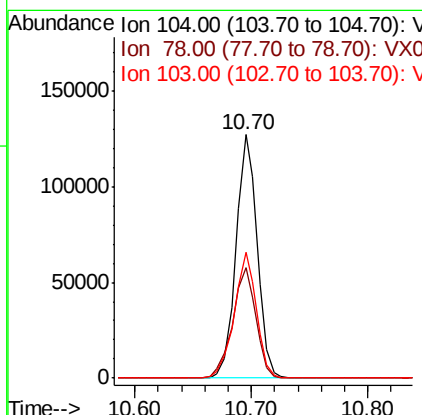
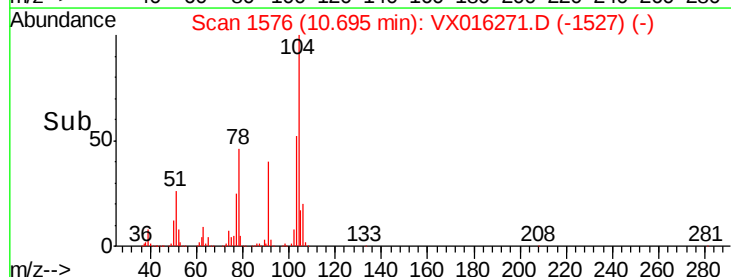
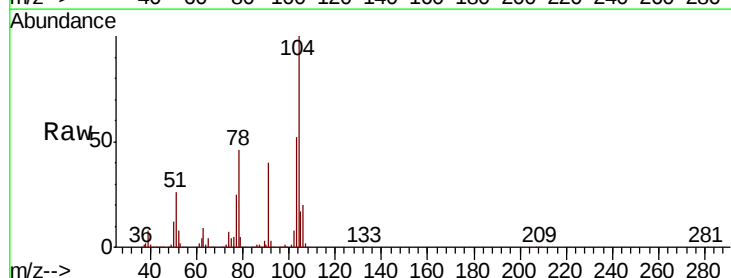
Manual Integrations
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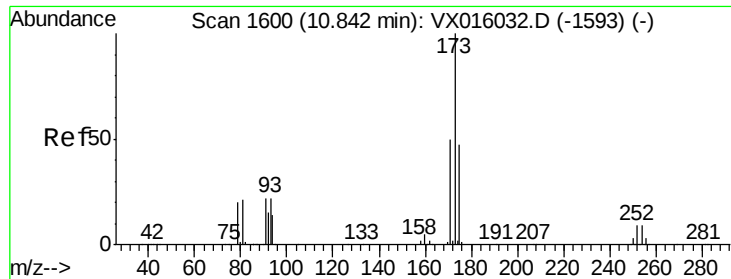
MMDadoda
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#70
Styrene
Concen: 17.871 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX016271.D
Acq: 15 May 2020 11:38

Tgt Ion	Ion	Ratio	Lower	Upper
104	104	100		
78	78	50.1	40.2	60.2
103	103	54.1	43.0	64.6





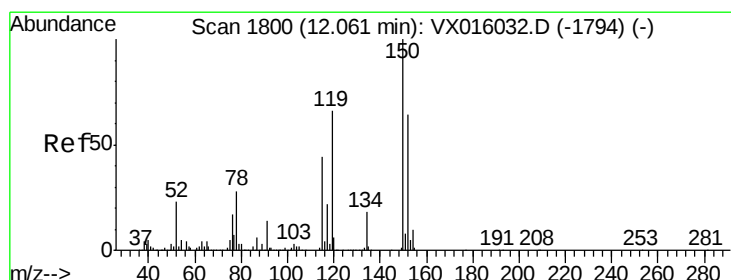
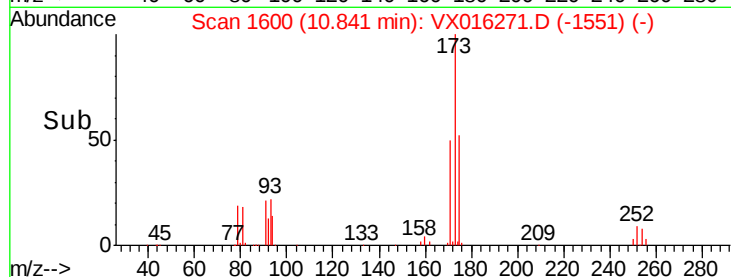
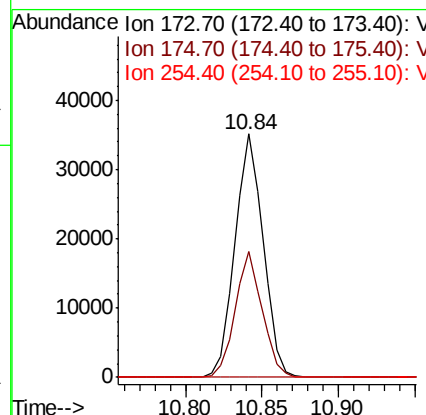
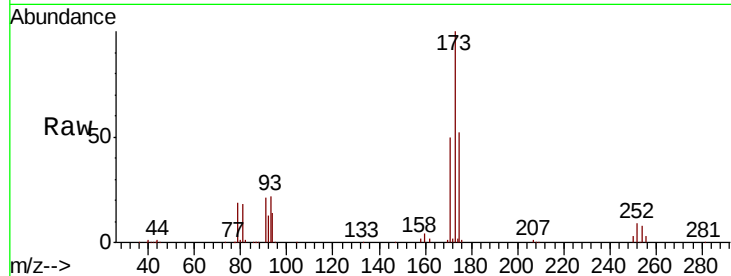
#71
Bromoform
Concen: 18.018 ug/l
RT: 10.84 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VX016271.D
Acq: 15 May 2020 11:38

Instrument :
MSVOA_X
ClientSampleId :
VX0515WBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.5	24.0	72.0
254	0.0	0.1	0.1

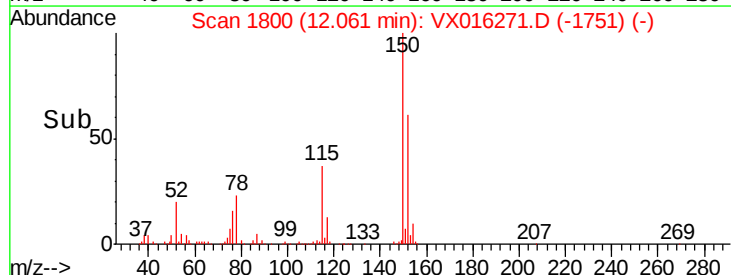
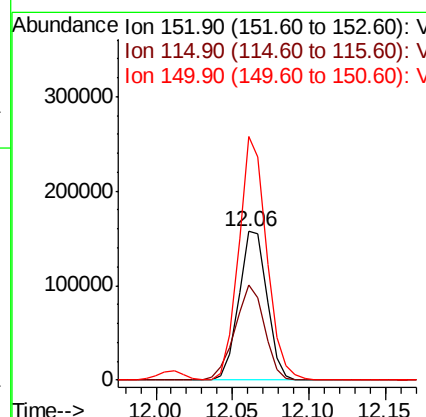
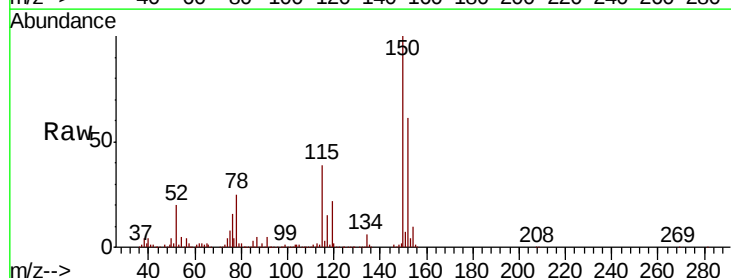
Manual Integrations
APPROVED

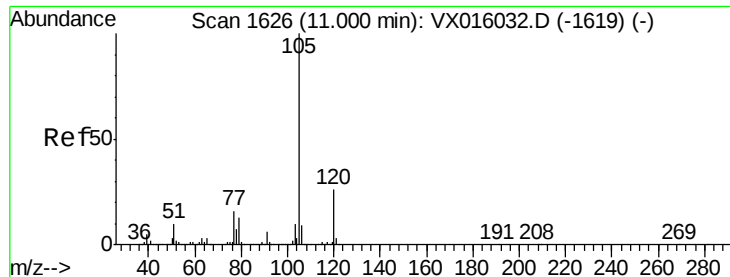
MMDadoda
5/18/2020 12:52:42 PM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX016271.D
Acq: 15 May 2020 11:38

Tgt Ion	Ratio	Lower	Upper
152	100		
115	67.2	41.3	124.1
150	162.9	0.0	352.2





#73

Isopropylbenzene

Concen: 17.535 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX016271.D

Acq: 15 May 2020 11:38

Instrument :

MSVOA_X

ClientSampleId :

VX0515WBS01

Tot Ion: 105 Resp: 255463

Ion Ratio Lower Upper

105 100

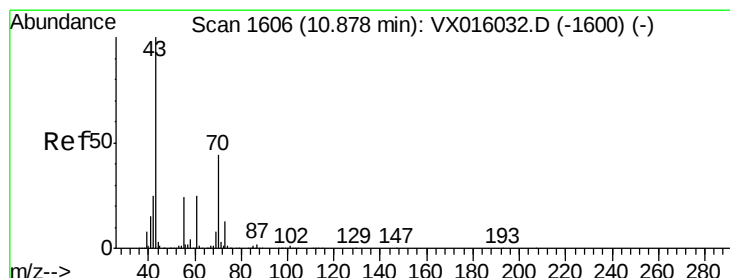
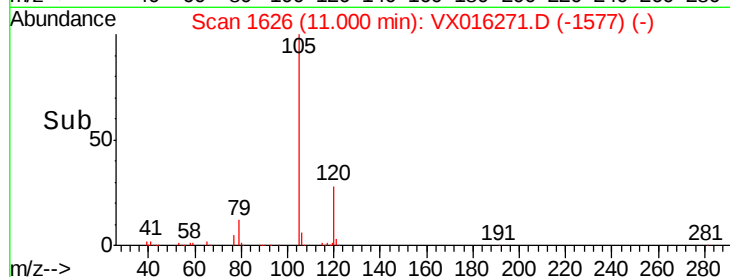
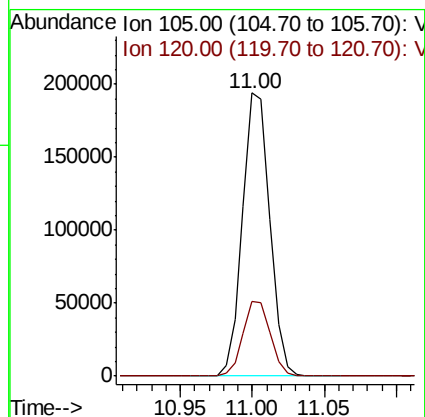
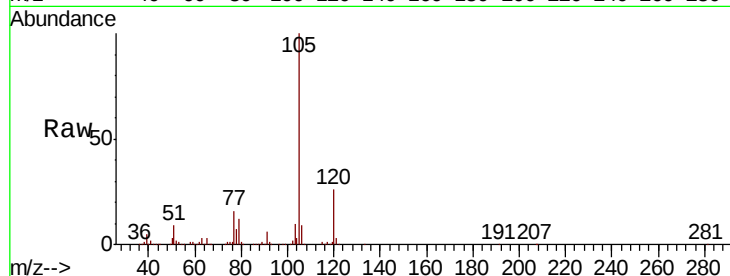
120 26.6 13.4 40.2

Manual Integrations

APPROVED

MMDadoda

5/18/2020 12:52:42 PM



#74

N-ethyl acetate

Concen: 16.385 ug/l

RT: 10.88 min Scan# 1607

Delta R.T. 0.01 min

Lab File: VX016271.D

Acq: 15 May 2020 11:38

Tgt Ion: 43 Resp: 111345

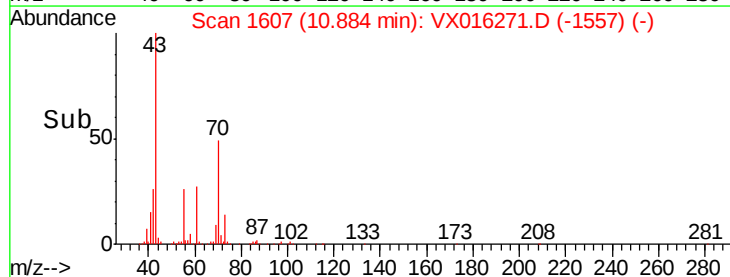
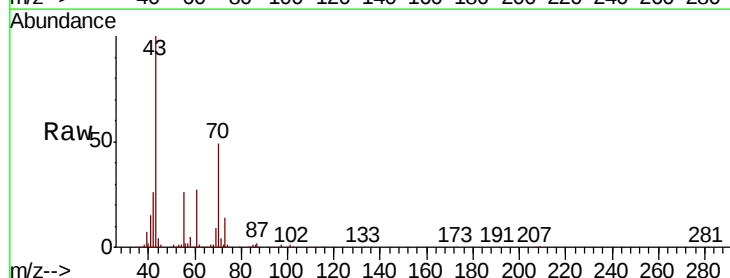
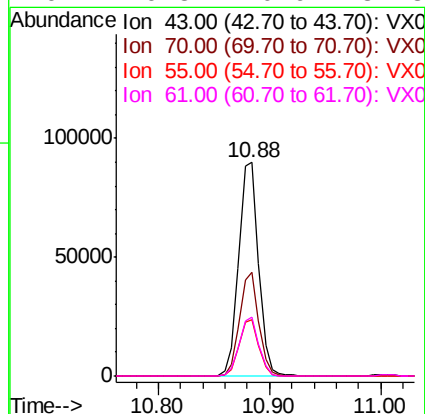
Ion Ratio Lower Upper

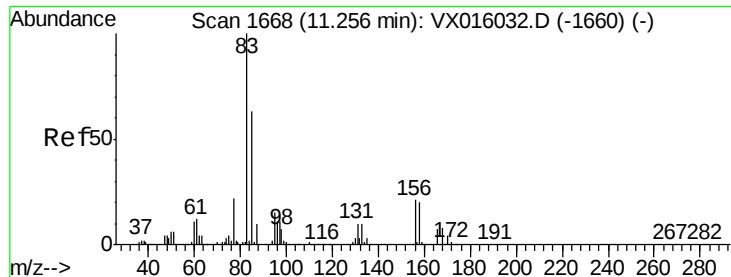
43 100

70 47.0 36.5 54.7

55 26.1 19.7 29.5

61 26.8 20.9 31.3





#75

1,1,2,2-Tetrachloroethane

Concen: 22.104 ug/l

RT: 11.26 min Scan# 1668

Delta R.T. -0.00 min

Lab File: VX016271.D

Acq: 15 May 2020 11:38

Instrument :

MSVOA_X

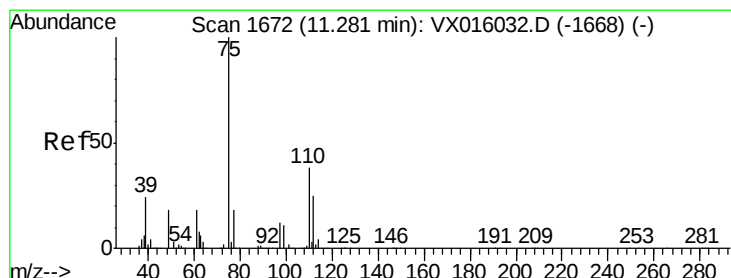
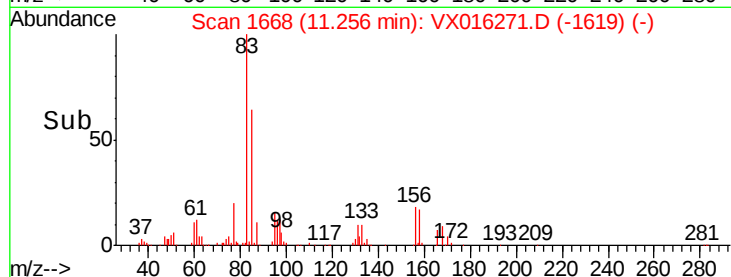
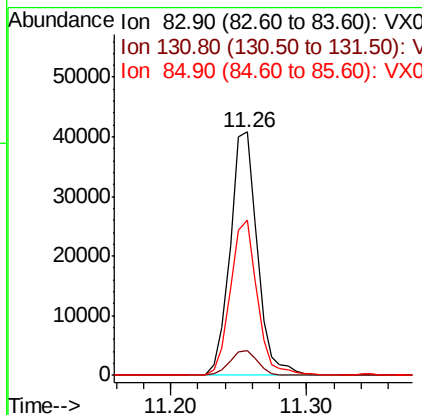
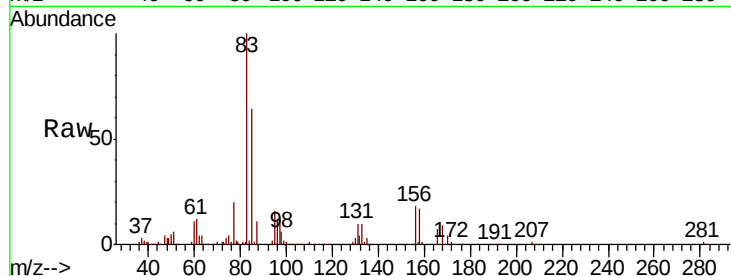
ClientSampled :

VX0515WBS01

Tot Ion:	83	Resp:	56662
Ion Ratio	Lower	Upper	
83	100		
131	10.4	5.1	15.4
85	63.3	32.0	96.0

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 17.811 ug/l m

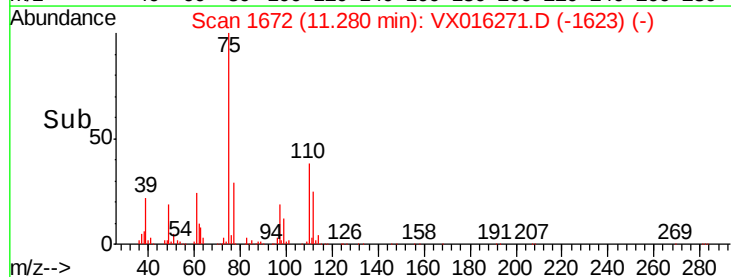
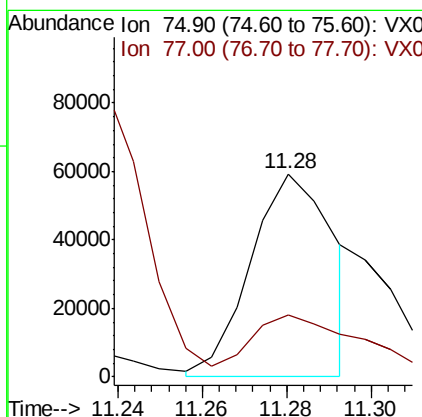
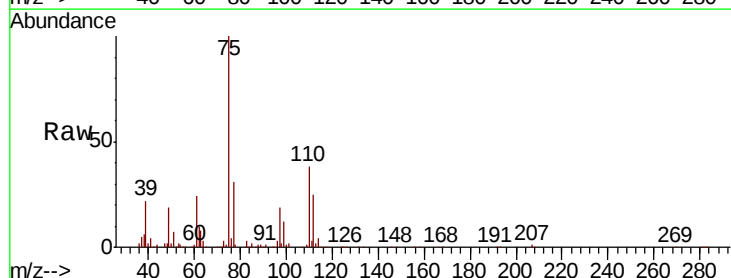
RT: 11.28 min Scan# 1672

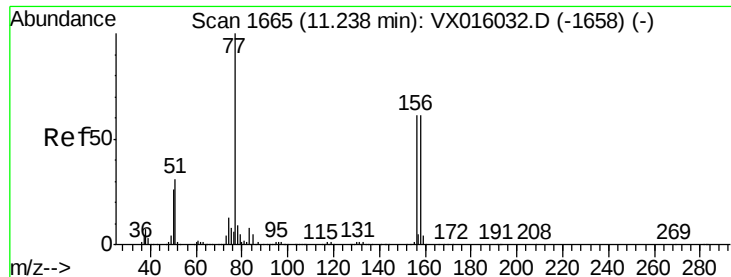
Delta R.T. -0.00 min

Lab File: VX016271.D

Acq: 15 May 2020 11:38

Tgt Ion:	75	Resp:	80958
Ion Ratio	Lower	Upper	
75	100		
77	41.1	21.2	63.6





#77

Bromobenzene

Concen: 16.910 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX016271.D

Acq: 15 May 2020 11:38

Instrument :

MSVOA_X

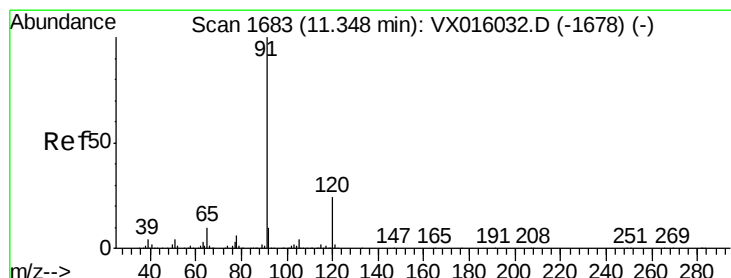
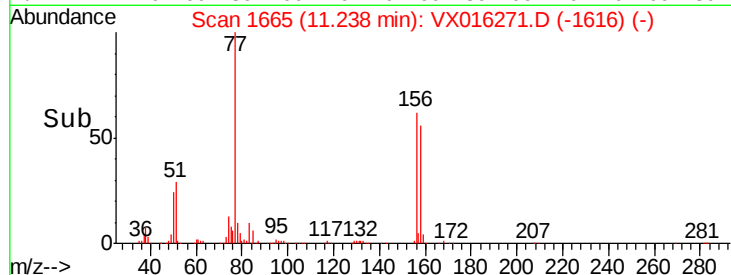
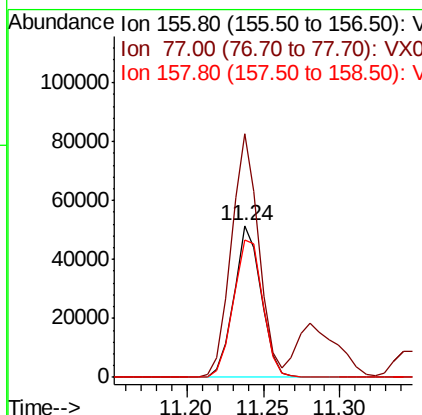
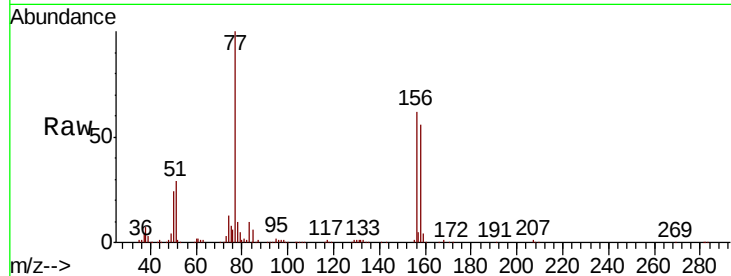
ClientSampleId :

VX0515WBS01

Tot Ion:	156	Resp:	63590
Ion Ratio	Lower	Upper	
156	100		
77	161.3	80.1	240.3
158	97.1	49.4	148.2

Manual Integrations
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#78

n-propylbenzene

Concen: 17.065 ug/l

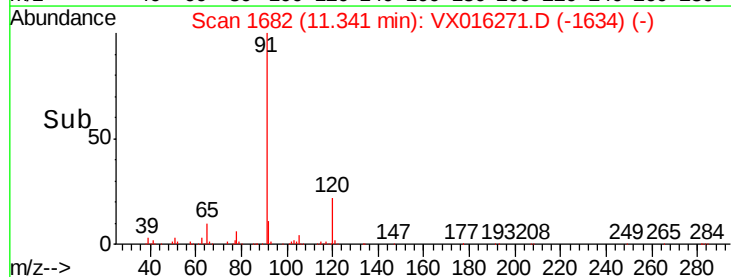
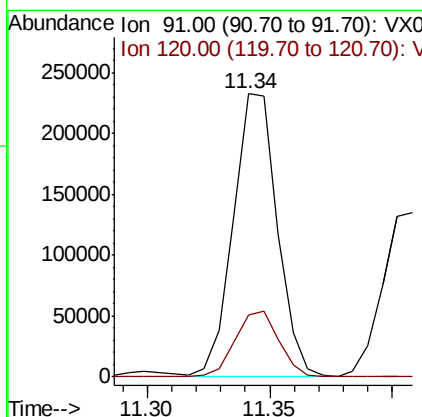
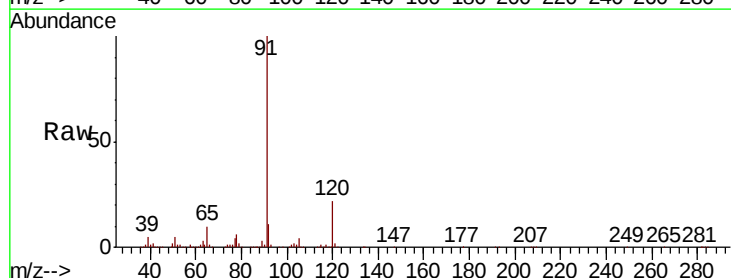
RT: 11.34 min Scan# 1682

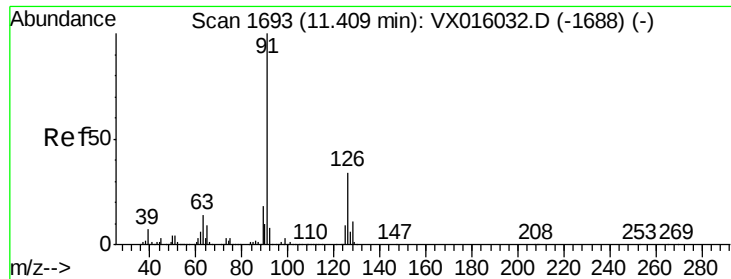
Delta R.T. -0.01 min

Lab File: VX016271.D

Acq: 15 May 2020 11:38

Tgt Ion:	91	Resp:	289225
Ion Ratio	Lower	Upper	
91	100		
120	23.2	11.5	34.5





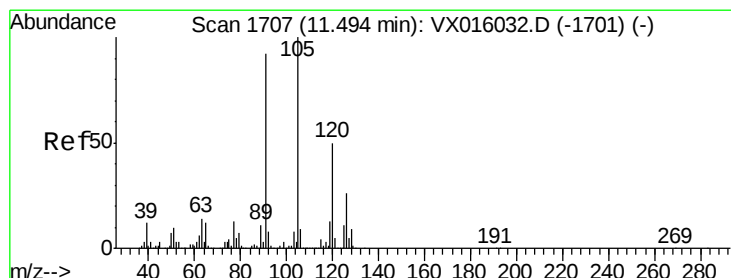
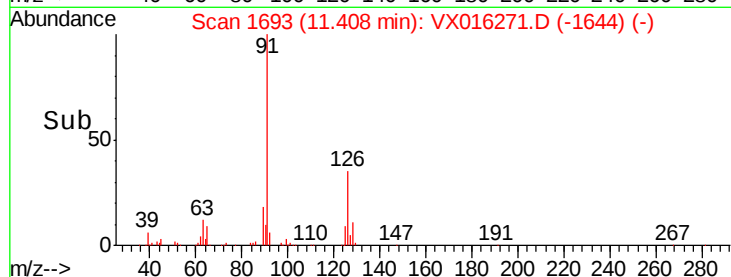
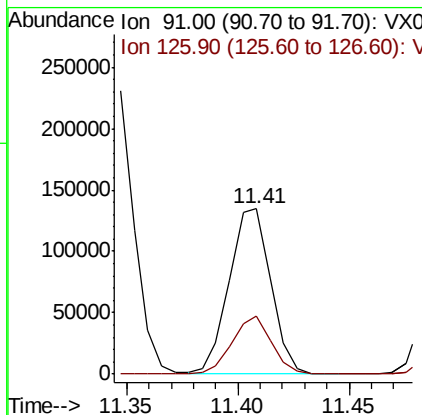
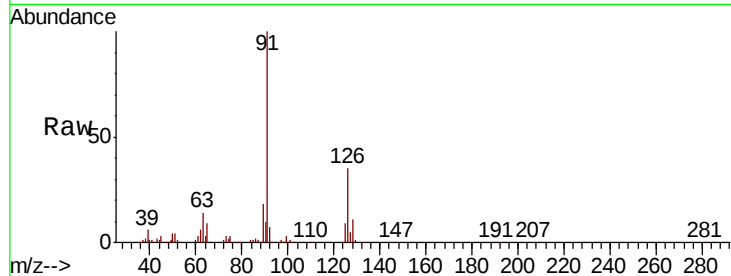
#79
 2-Chlorotoluene
 Concen: 17.523 ug/l
 RT: 11.41 min Scan# 1693
 Delta R.T. -0.00 min
 Lab File: VX016271.D
 Acq: 15 May 2020 11:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0515WBS01

Tot Ion: 91 Resp: 175310
 Ion Ratio Lower Upper
 91 100
 126 33.3 16.9 50.6

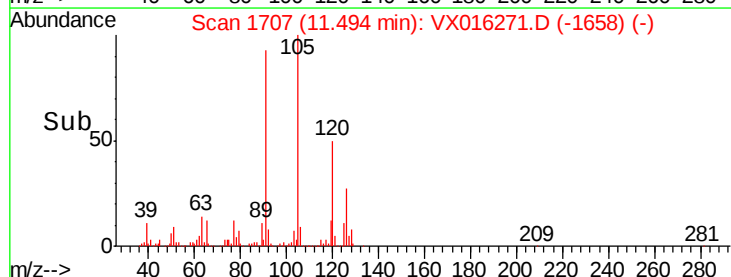
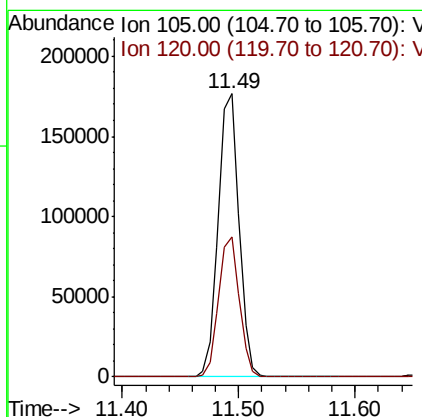
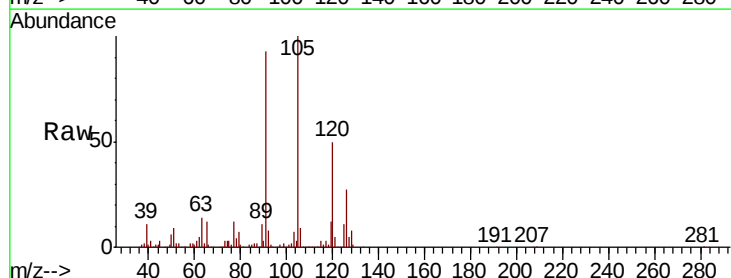
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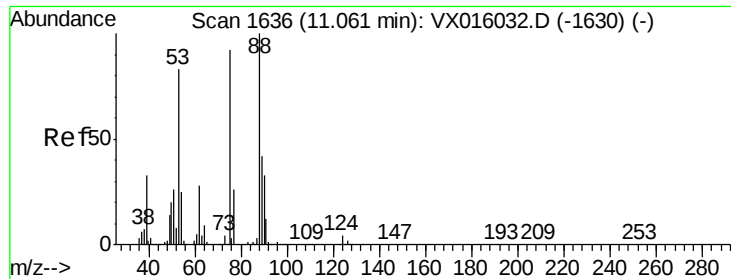
MMDadoda
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#80
 1,3,5-Trimethylbenzene
 Concen: 17.635 ug/l
 RT: 11.49 min Scan# 1707
 Delta R.T. -0.00 min
 Lab File: VX016271.D
 Acq: 15 May 2020 11:38

Tgt Ion: 105 Resp: 216927
 Ion Ratio Lower Upper
 105 100
 120 49.5 24.6 74.0





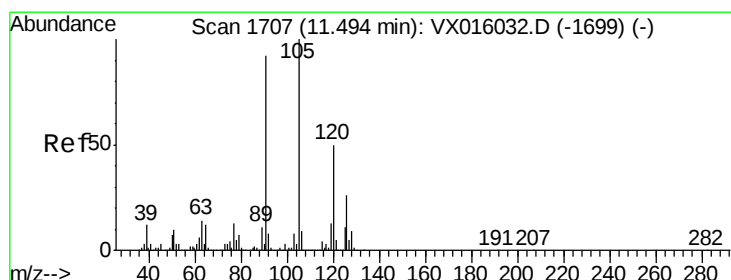
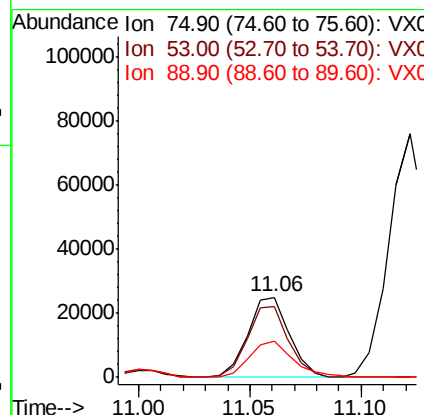
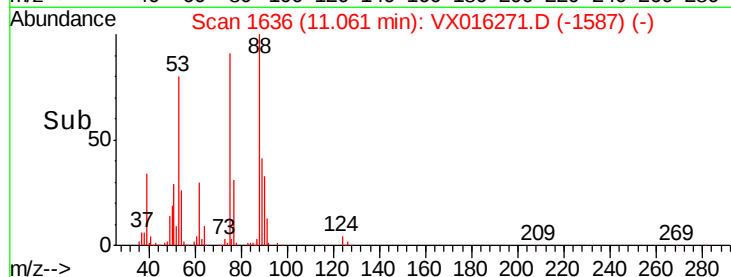
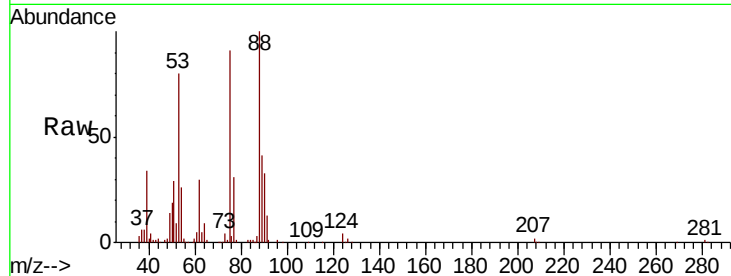
#81
trans-1,4-Dichloro-2-butene
Concen: 16.846 ug/l
RT: 11.06 min Scan# 1636
Delta R.T. -0.00 min
Lab File: VX016271.D
Acq: 15 May 2020 11:38

Instrument :
MSVOA_X
ClientSampleId :
VX0515WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	89.2	73.1	109.7
89	48.9	36.7	55.1

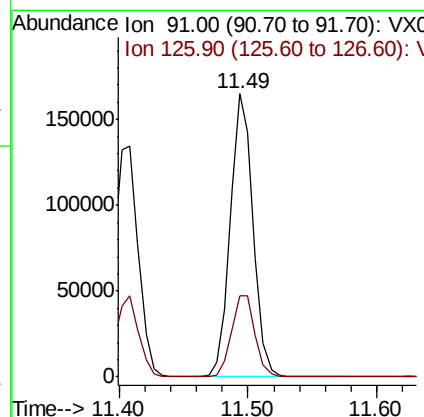
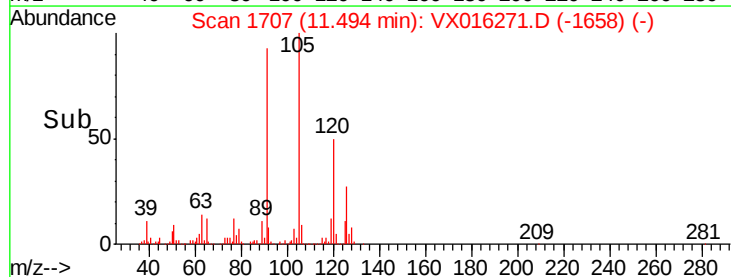
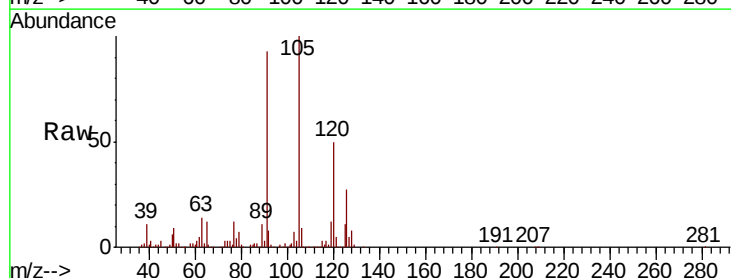
Manual Integrations
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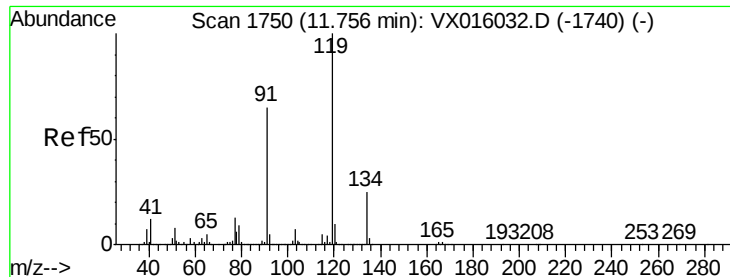
MMDadoda
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#82
4-Chlorotoluene
Concen: 17.310 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX016271.D
Acq: 15 May 2020 11:38

Tgt Ion	Ratio	Lower	Upper
91	100		
126	29.9	14.8	44.3





#83

tert-Butylbenzene

Concen: 17.481 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX016271.D

Acq: 15 May 2020 11:38

Instrument :

MSVOA_X

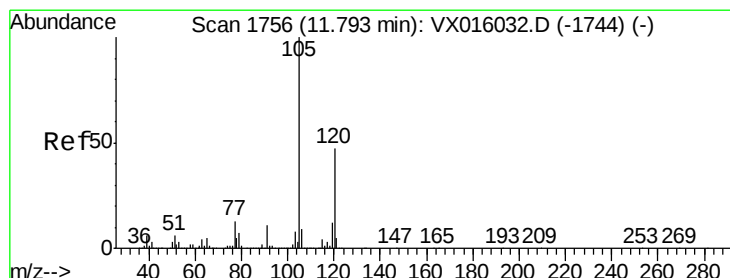
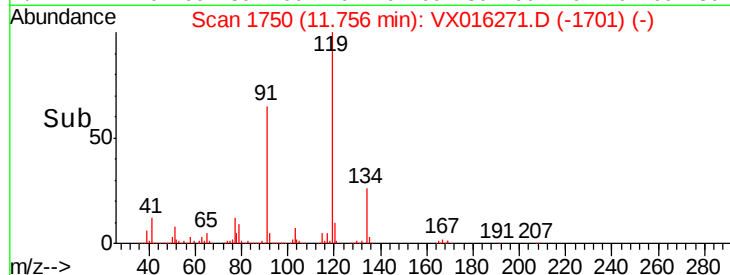
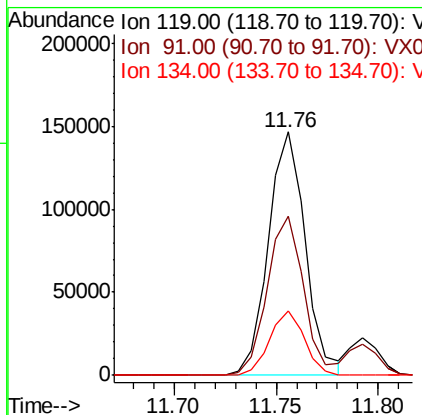
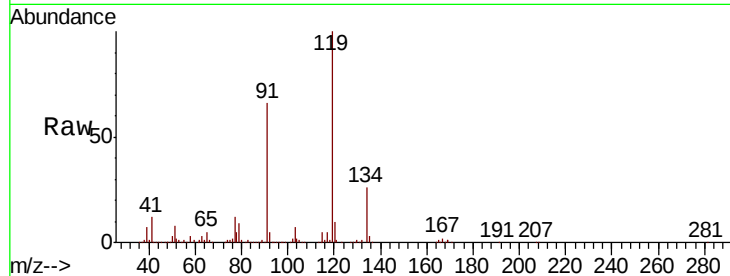
ClientSampleId :

VX0515WBS01

Tot Ion:	119	Resp:	185309
Ion Ratio	Lower	Upper	
119	100		
91	65.2	32.8	98.4
134	25.0	12.4	37.0

Manual Integrations
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#84

1,2,4-Trimethylbenzene

Concen: 17.389 ug/l

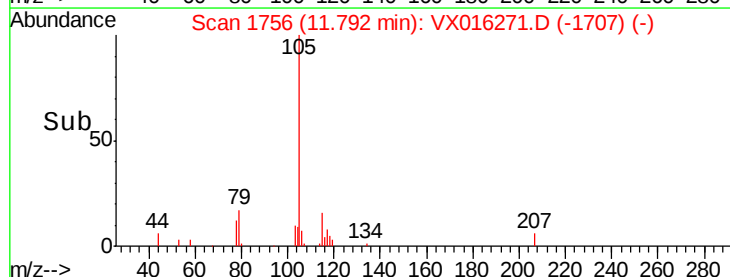
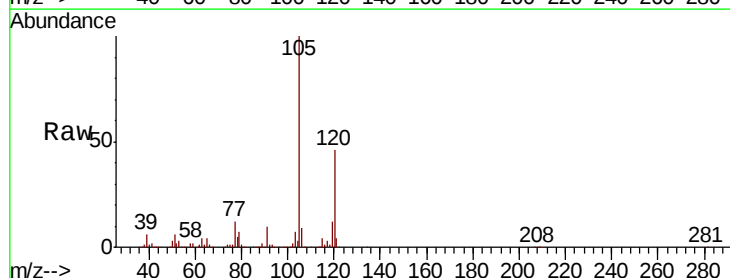
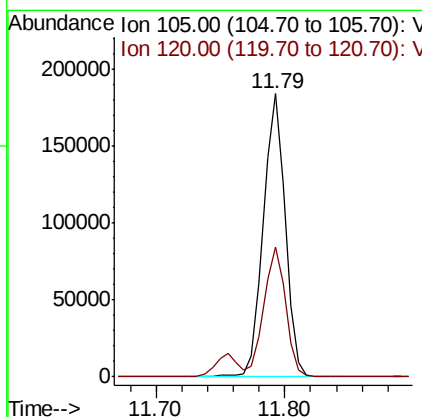
RT: 11.79 min Scan# 1756

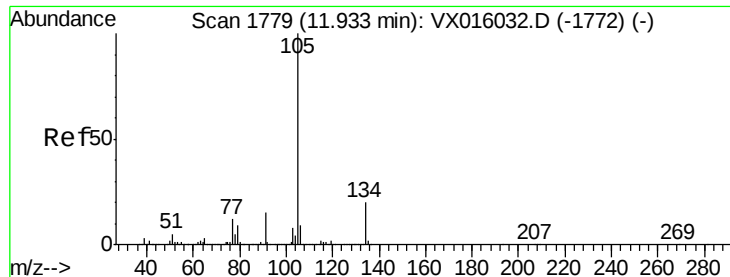
Delta R.T. -0.00 min

Lab File: VX016271.D

Acq: 15 May 2020 11:38

Tgt Ion:	105	Resp:	216246
Ion Ratio	Lower	Upper	
105	100		
120	45.7	23.0	69.0





#85

sec-Butylbenzene

Concen: 16.851 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VX016271.D

Acq: 15 May 2020 11:38

Instrument :

MSVOA_X

ClientSampleId :

VX0515WBS01

Tot Ion:105 Resp: 241183

Ion Ratio Lower Upper

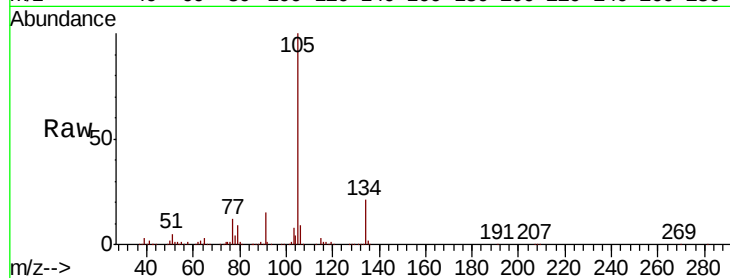
105 100

134 20.4 10.1 30.3

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

200000

150000

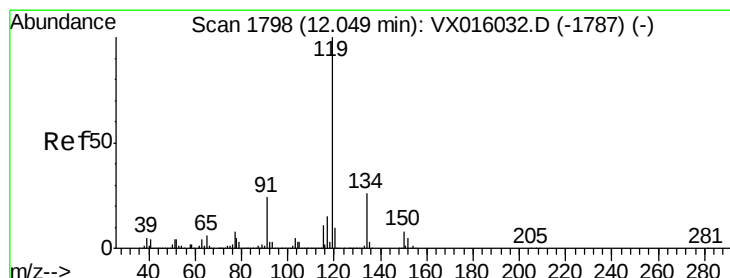
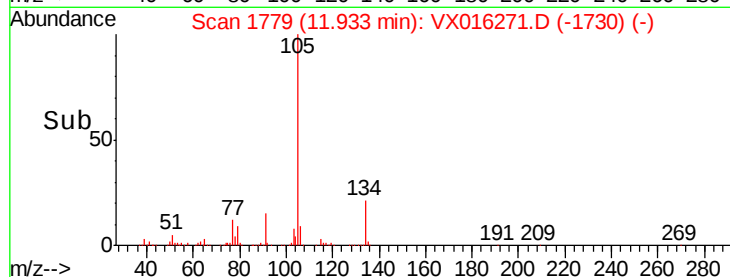
100000

50000

0

11.85 11.90 11.95 12.00

Time-->



#86

p-Isopropyltoluene

Concen: 17.058 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX016271.D

Acq: 15 May 2020 11:38

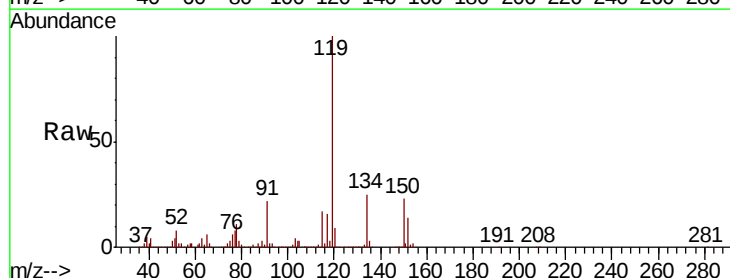
Tgt Ion:119 Resp: 226677

Ion Ratio Lower Upper

119 100

134 25.6 13.1 39.3

91 23.2 11.8 35.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

250000

200000

150000

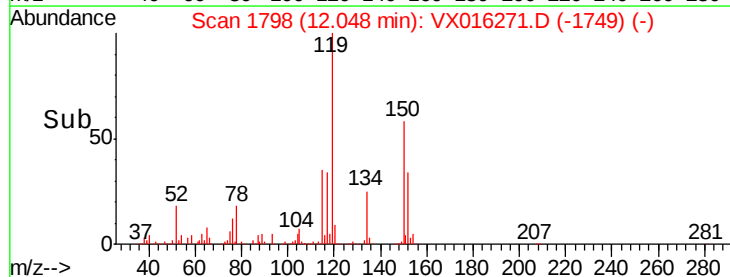
100000

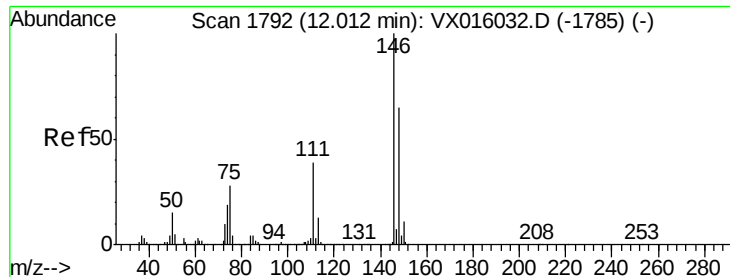
50000

0

12.00 12.10

Time-->





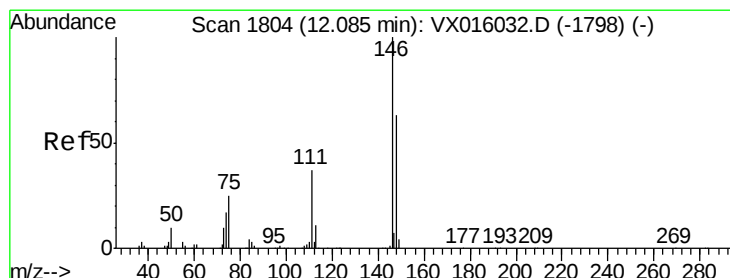
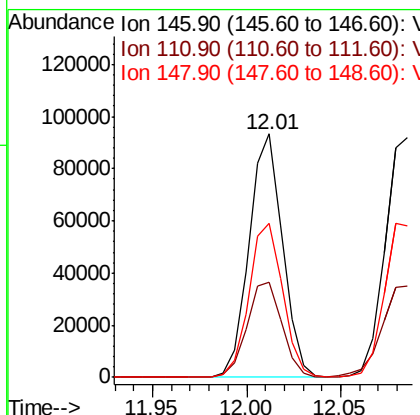
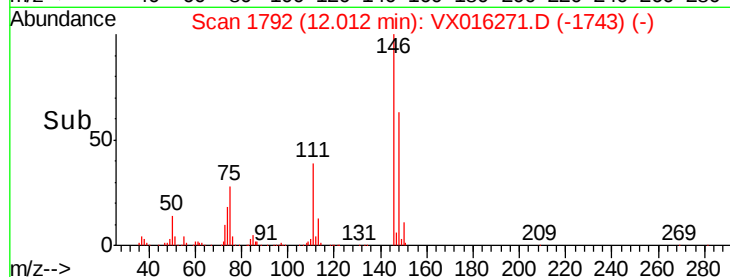
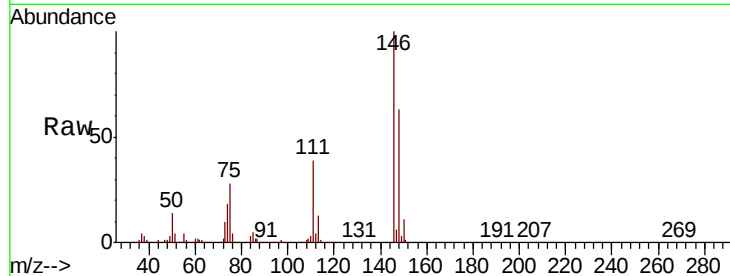
#87
 1,3-Dichlorobenzene
 Concen: 17.008 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX016271.D
 Acq: 15 May 2020 11:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0515WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.0	20.2	60.6
148	63.8	32.1	96.3

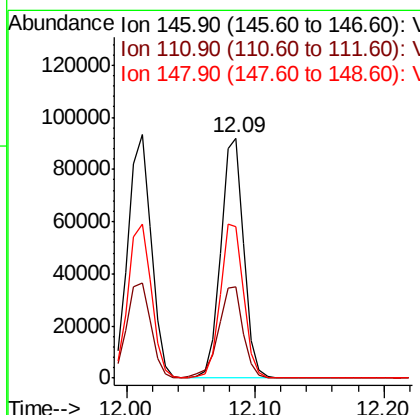
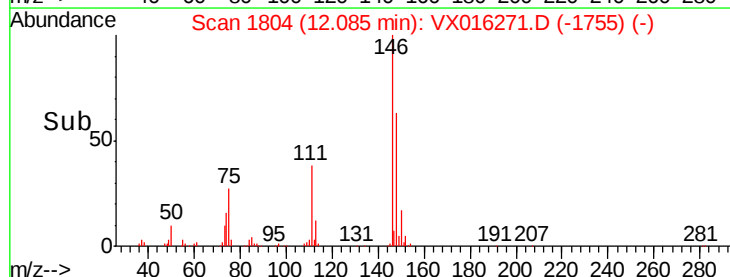
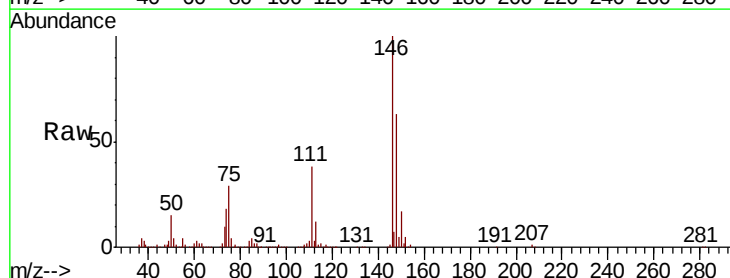
Manual Integrations
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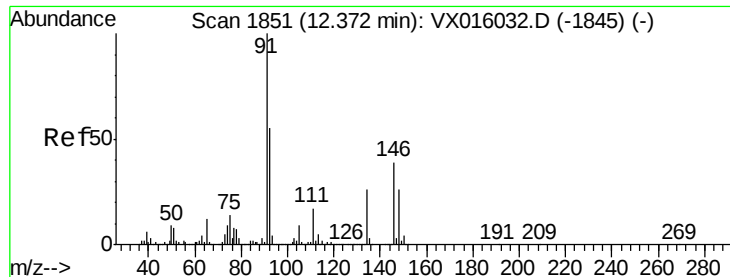
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#88
 1,4-Dichlorobenzene
 Concen: 16.900 ug/l
 RT: 12.09 min Scan# 1804
 Delta R.T. -0.00 min
 Lab File: VX016271.D
 Acq: 15 May 2020 11:38

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.9	19.6	58.7
148	65.2	31.8	95.3





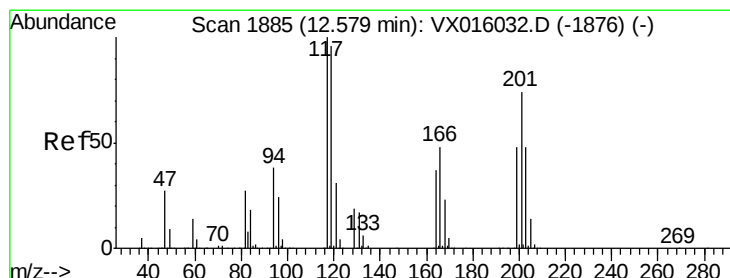
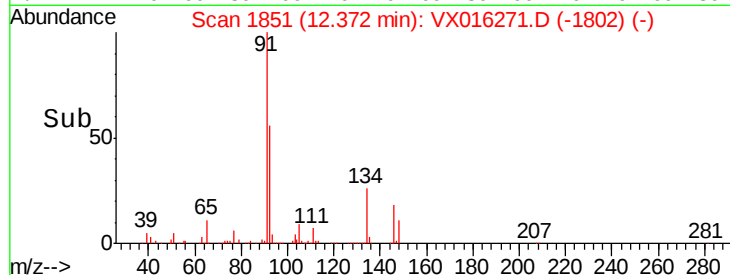
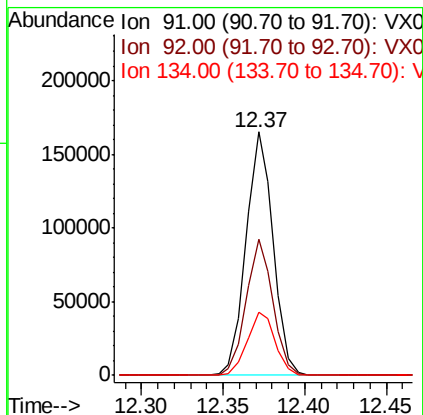
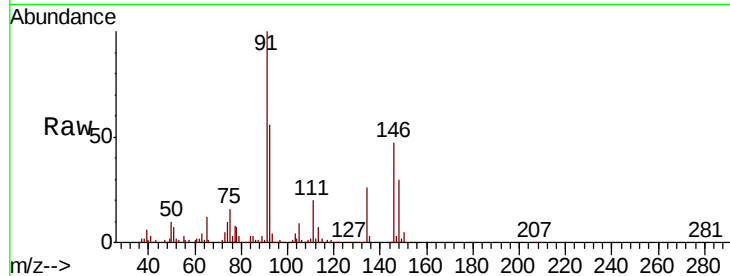
#89
n-Butylbenzene
Concen: 15.778 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX016271.D
Acq: 15 May 2020 11:38

Instrument :
MSVOA_X
ClientSampleId :
VX0515WBS01

Tot Ion	Ratio	Resp	Lower	Upper
91	100	191554		
92	55.2	27.6	82.7	
134	26.5	13.4	40.1	

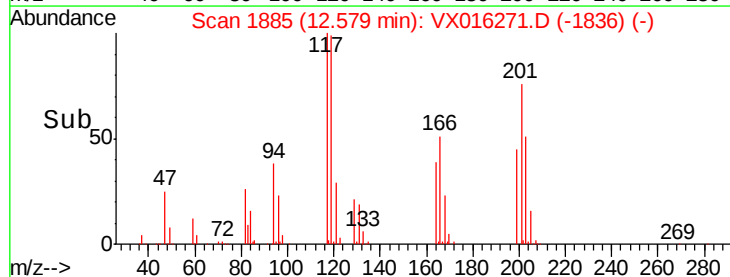
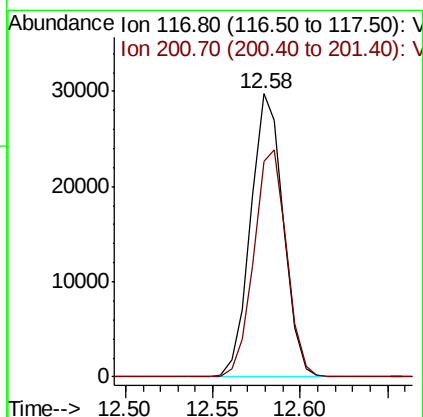
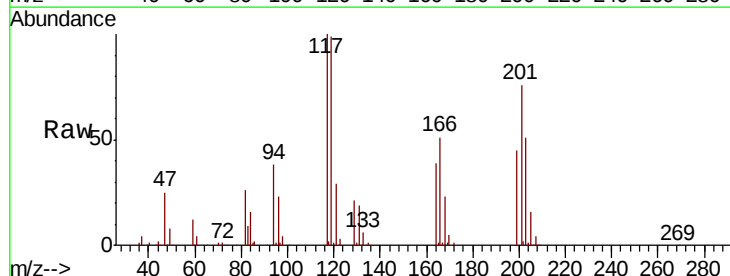
Manual Integrations
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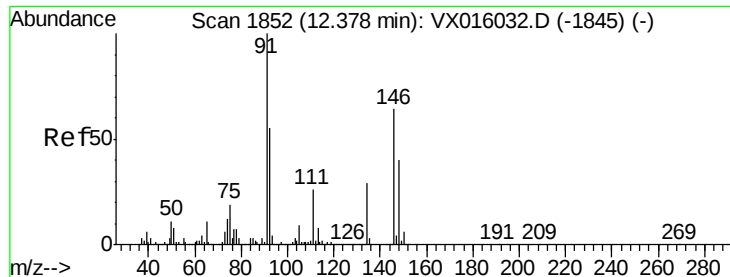
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#90
Hexachloroethane
Concen: 16.992 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX016271.D
Acq: 15 May 2020 11:38

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	38779		
201	80.7	39.8	119.3	





#91

1,2-Dichlorobenzene

Concen: 17.257 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VX016271.D

Acq: 15 May 2020 11:38

Instrument :

MSVOA_X

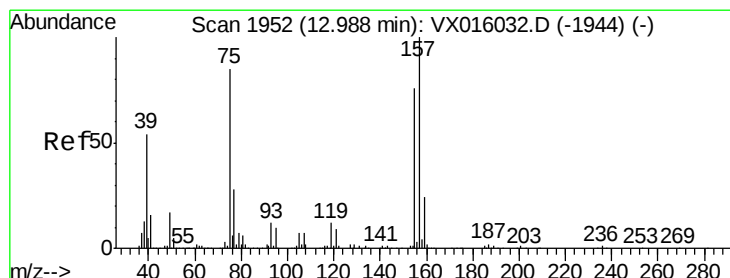
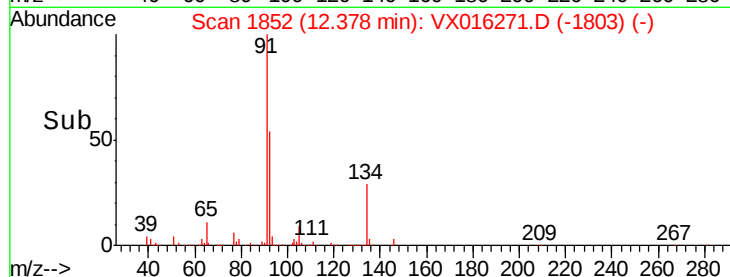
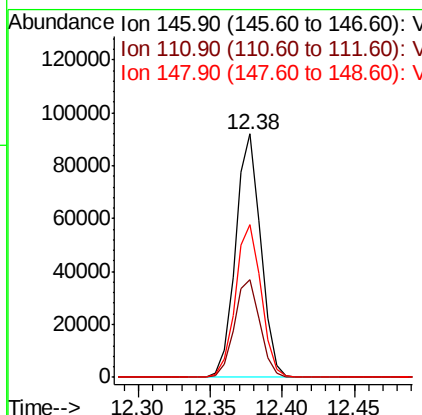
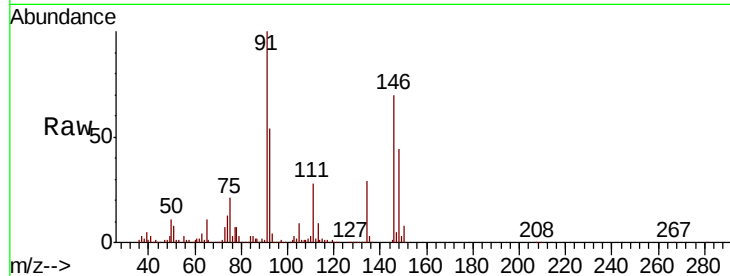
ClientSampleId :

VX0515WBS01

Tot Ion:	146	Resp:	112197
Ion Ratio	Lower	Upper	
146	100		
111	41.1	21.1	63.1
148	64.0	32.4	97.0

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#92

1,2-Dibromo-3-Chloropropane

Concen: 16.070 ug/l

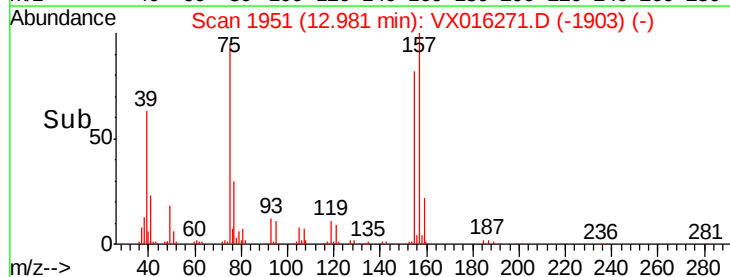
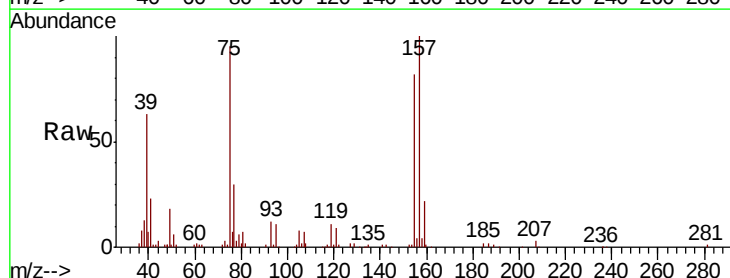
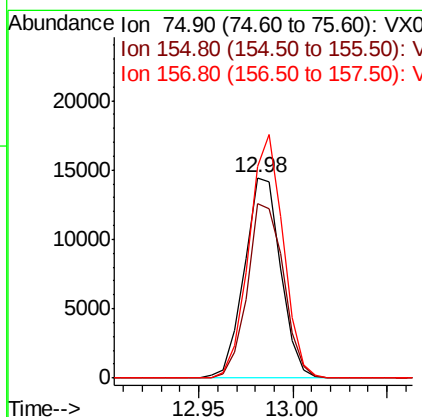
RT: 12.98 min Scan# 1951

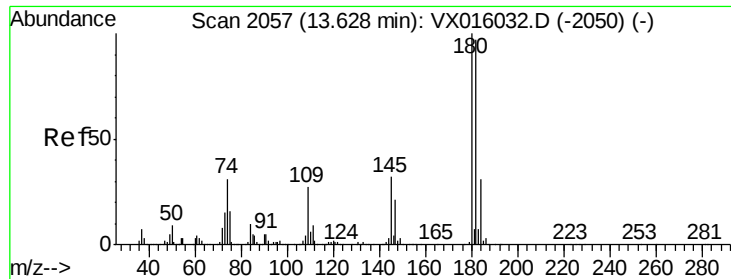
Delta R.T. -0.01 min

Lab File: VX016271.D

Acq: 15 May 2020 11:38

Tgt Ion:	75	Resp:	19251
Ion Ratio	Lower	Upper	
75	100		
155	87.0	42.5	127.5
157	114.8	55.3	165.8





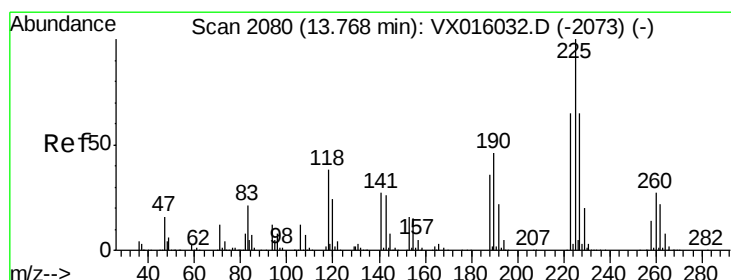
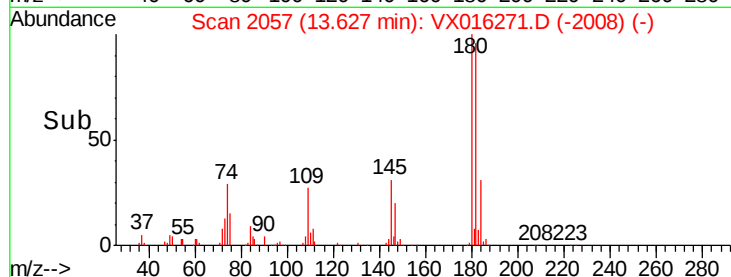
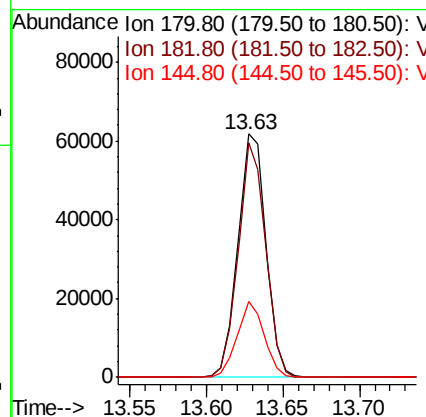
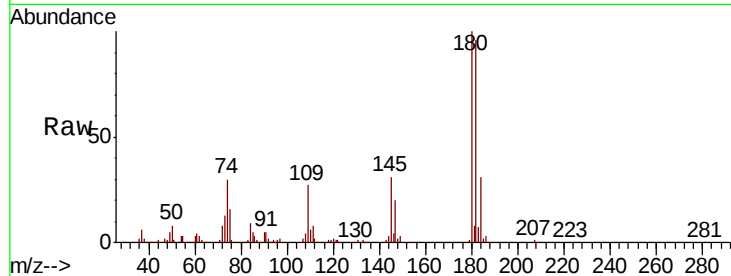
#93
 1,2,4-Trichlorobenzene
 Concen: 16.268 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX016271.D
 Acq: 15 May 2020 11:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0515WBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	93.9	48.7	146.1
145	30.2	15.7	47.1

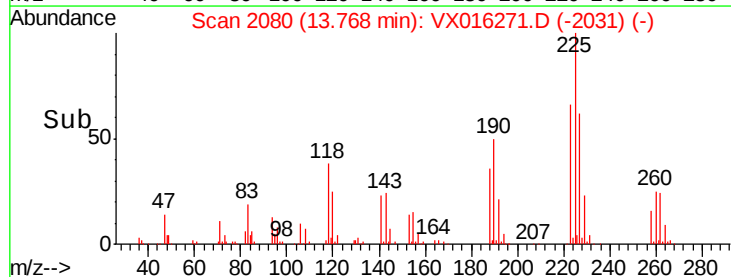
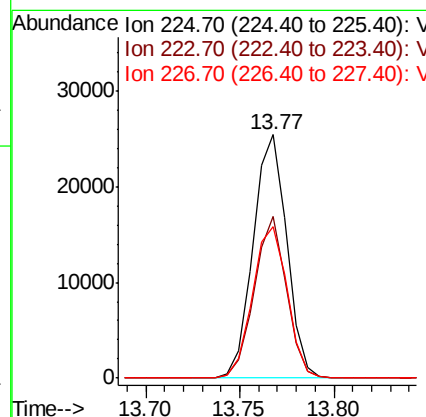
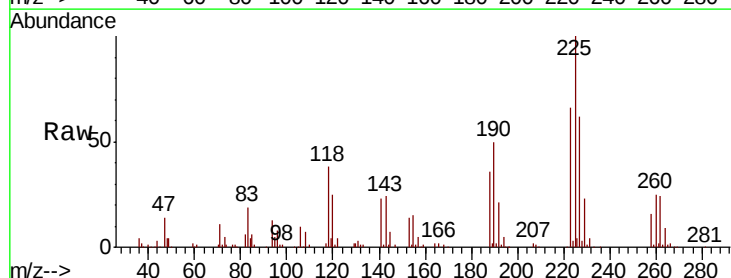
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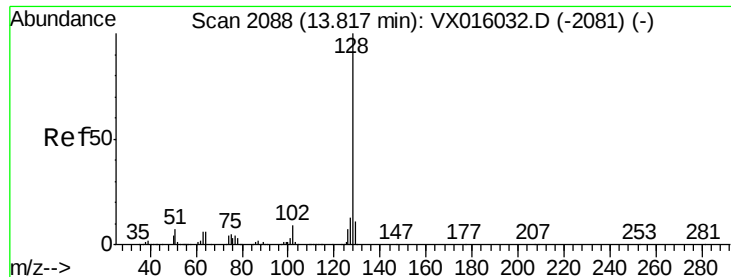
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#94
 Hexachlorobutadiene
 Concen: 15.511 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: VX016271.D
 Acq: 15 May 2020 11:38

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.4	32.3	96.9
227	64.5	31.8	95.4





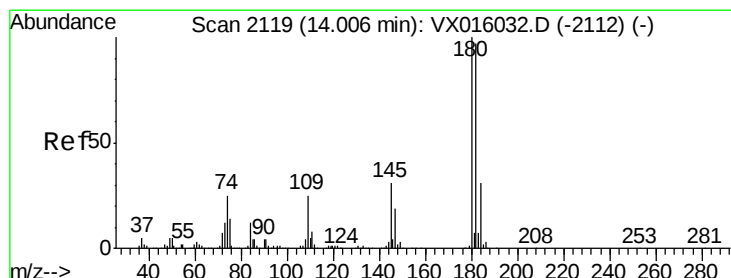
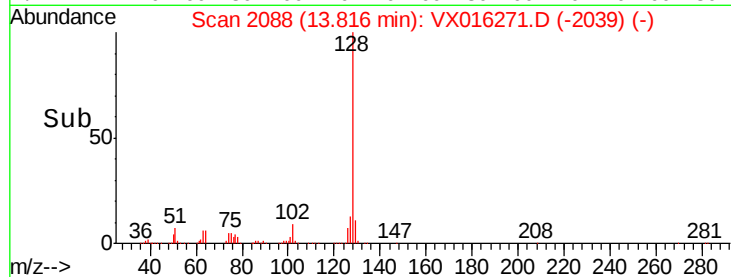
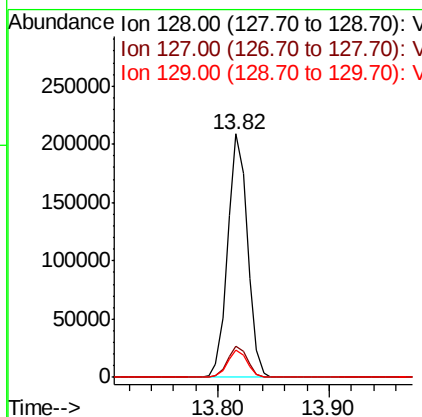
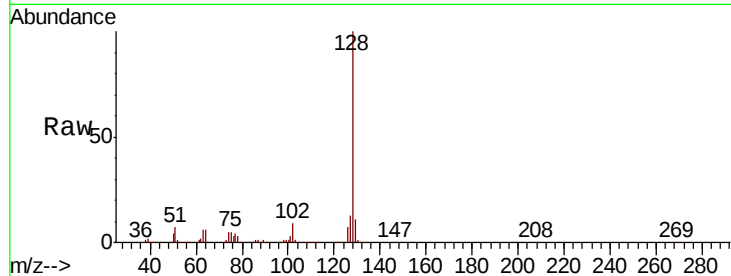
#95
Naphthalene
Concen: 16.457 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX016271.D
Acq: 15 May 2020 11:38

Instrument :
MSVOA_X
ClientSampleId :
VX0515WBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.2	15.4
129	11.0	8.7	13.1

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 16.678 ug/l
RT: 14.01 min Scan# 2119
Delta R.T. -0.00 min
Lab File: VX016271.D
Acq: 15 May 2020 11:38

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.7	48.4	145.0
145	31.5	16.4	49.1

