

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061920\
 Data File : VX016901.D
 Acq On : 20 Jun 2020 02:29
 Operator : JC/SP
 Sample : VX0619WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0619WBS02

Manual Integrations
 APPROVED

MMDadoda
 6/22/2020 12:23:42 PM

Quant Time: Jun 22 06:41:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061820W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 19 12:07:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	236050	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	451688	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	430178	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	187402	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	150552	53.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.06%	
35) Dibromofluoromethane	5.46	113	126273	43.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.40%	
50) Toluene-d8	8.70	98	452898	39.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	78.36%	
62) 4-Bromofluorobenzene	11.12	95	183711	41.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	82.96%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	53650	18.520	ug/l	97
3) Chloromethane	1.31	50	55595	18.927	ug/l	99
4) Vinyl Chloride	1.39	62	70387	21.261	ug/l	100
5) Bromomethane	1.63	94	44892	22.521	ug/l	99
6) Chloroethane	1.72	64	41946	20.572	ug/l	98
7) Trichlorofluoromethane	1.92	101	85975	18.564	ug/l	100
8) Diethyl Ether	2.17	74	41300	22.936	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	47480	19.247	ug/l	96
10) Methyl Iodide	2.50	142	35955	15.310	ug/l	98
11) Tert butyl alcohol	3.01	59	57790	120.415	ug/l	99
12) 1,1-Dichloroethene	2.36	96	49650	19.683	ug/l	89
13) Acrolein	2.27	56	38868	133.579	ug/l	96
14) Allyl chloride	2.71	41	69465	20.819	ug/l	97
15) Acrylonitrile	3.11	53	134138	121.967	ug/l	99
16) Acetone	2.42	43	134360	130.374	ug/l	99
17) Carbon Disulfide	2.55	76	116850	17.924	ug/l	99
18) Methyl Acetate	2.75	43	65820	25.116	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	167274	23.269	ug/l	99
20) Methylene Chloride	2.84	84	52980	21.437	ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	48297	20.283	ug/l	99
22) Diisopropyl ether	3.82	45	156852	24.536	ug/l	99
23) Vinyl Acetate	3.78	43	658625	124.941	ug/l	99
24) 1,1-Dichloroethane	3.67	63	90747	22.725	ug/l	99
25) 2-Butanone	4.64	43	216666	152.760	ug/l	95
26) 2,2-Dichloropropane	4.55	77	70709	18.900	ug/l	97
27) cis-1,2-Dichloroethene	4.56	96	70773	26.444	ug/l	99
28) Bromochloromethane	4.98	49	47362	28.576	ug/l	93
29) Tetrahydrofuran	5.09	42	138889	155.485	ug/l	96
30) Chloroform	5.17	83	99769	23.665	ug/l	96
31) Cyclohexane	5.55	56	67250	19.156	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	79621	19.954	ug/l	99
36) 1,1-Dichloropropene	5.77	75	61171	14.667	ug/l	100
37) Ethyl Acetate	4.79	43	85154	23.109	ug/l	99
38) Carbon Tetrachloride	5.76	117	66616	14.235	ug/l	96

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	68689	14.165	ug/l	97
40) Benzene	6.11	78	201161	16.075	ug/l	100
41) Methacrylonitrile	5.00	41	44683	22.336	ug/l	97
42) 1,2-Dichloroethane	6.17	62	73488	16.503	ug/l	100
43) Isopropyl Acetate	6.41	43	113865	17.695	ug/l	99
44) Trichloroethene	7.19	130	66647	17.390	ug/l	98
45) 1,2-Dichloropropane	7.49	63	55801	17.738	ug/l	99
46) Dibromomethane	7.64	93	36500	17.109	ug/l	99
47) Bromodichloromethane	7.87	83	74115	16.334	ug/l	99
48) Methyl methacrylate	7.74	41	53363	17.611	ug/l	99
49) 1,4-Dioxane	7.71	88	25437	375.010	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	343351	88.713	ug/l	100
52) Toluene	8.76	92	129722	15.626	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	81876	16.414	ug/l	97
54) cis-1,3-Dichloropropene	8.42	75	86741	16.254	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	55967	17.856	ug/l	99
56) Ethyl methacrylate	9.16	69	80957	17.842	ug/l	99
57) 1,3-Dichloropropane	9.35	76	92211	17.354	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	192910	91.368	ug/l	98
59) 2-Hexanone	9.47	43	254916	90.951	ug/l	99
60) Dibromochloromethane	9.56	129	71848	19.108	ug/l	100
61) 1,2-Dibromoethane	9.65	107	68138	20.032	ug/l	100
64) Tetrachloroethene	9.32	164	61747	15.501	ug/l	98
65) Chlorobenzene	10.12	112	161929	18.589	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	64261	19.034	ug/l	99
67) Ethyl Benzene	10.23	91	274941	18.707	ug/l	99
68) m/p-Xylenes	10.34	106	205089	35.859	ug/l	99
69) o-Xylene	10.68	106	95227	18.007	ug/l	99
70) Styrene	10.70	104	170045	18.924	ug/l	99
71) Bromoform	10.84	173	50807	17.900	ug/l #	99
73) Isopropylbenzene	11.00	105	235563	19.523	ug/l	100
74) N-amyl acetate	10.88	43	101988	24.206	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.25	83	74211	21.781	ug/l	98
76) 1,2,3-Trichloropropane	11.28	75	76266m	22.283	ug/l	
77) Bromobenzene	11.24	156	65255	19.830	ug/l	96
78) n-propylbenzene	11.34	91	253999	18.862	ug/l	99
79) 2-Chlorotoluene	11.40	91	161629	19.618	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	198055	19.025	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.05	75	26437	18.916	ug/l	97
82) 4-Chlorotoluene	11.49	91	191920	19.417	ug/l	100
83) tert-Butylbenzene	11.76	119	181017	17.574	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	200255	18.674	ug/l	99
85) sec-Butylbenzene	11.93	105	206818	17.288	ug/l	99
86) p-Isopropyltoluene	12.05	119	197473	18.016	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	113387	18.860	ug/l	100
88) 1,4-Dichlorobenzene	12.08	146	113814	18.719	ug/l	97
89) n-Butylbenzene	12.37	91	155006	16.492	ug/l	100
90) Hexachloroethane	12.58	117	34889	17.671	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	111344	19.185	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	12.98	75	17140	21.217	ug/l	97

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Instrument :
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ClientSampleId :
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Manual Integrations
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Quant Title : SW846 8260
QLast Update : Fri Jun 19 12:07:48 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	84275	21.624	ug/l	98
94) Hexachlorobutadiene	13.77	225	28020	15.933	ug/l	97
95) Naphthalene	13.82	128	260621	22.778	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	76666	19.726	ug/l	97

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

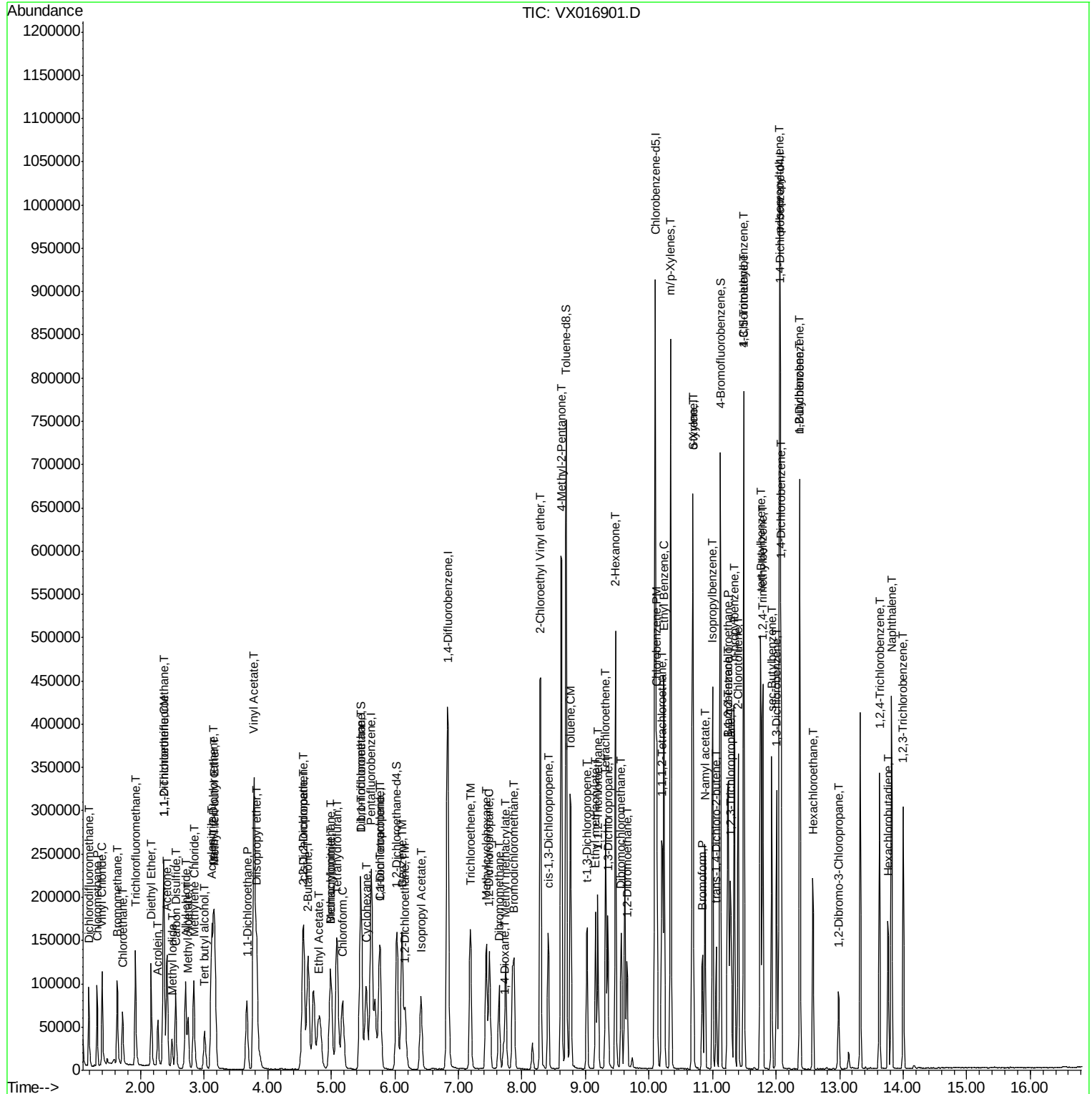
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX061920\
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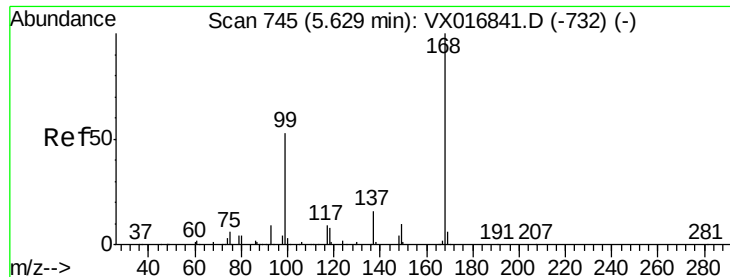
Instrument :
MSVOA_X
ClientSampleID :
VX0619WBS02

Manual Integrations
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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

Lab File: VX016901.D

Acq: 20 Jun 2020 02:29

Instrument :

MSVOA_X

ClientSampleId :

VX0619WBS02

Tot Ion:168 Resp: 236050

Ion Ratio Lower Upper

168 100

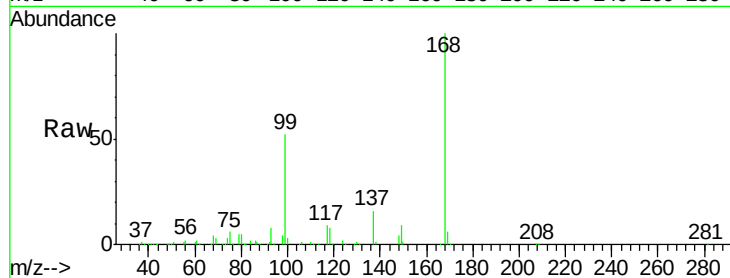
99 52.4 42.2 63.2

Manual Integrations

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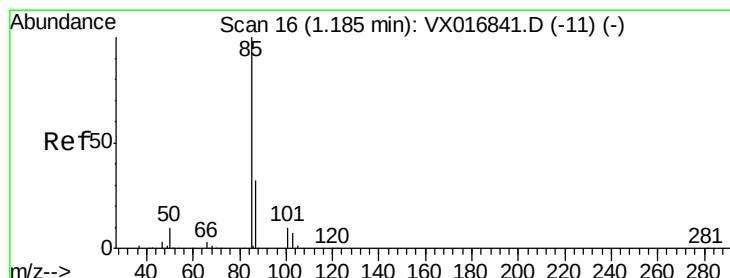
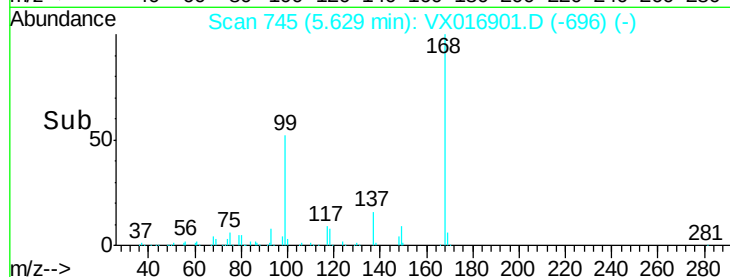
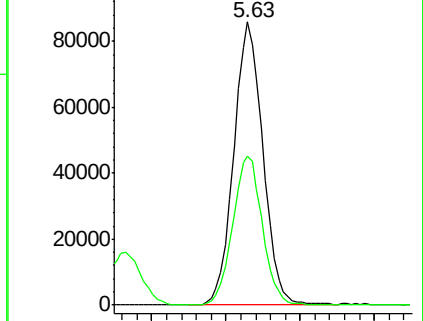
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 18.520 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX016901.D

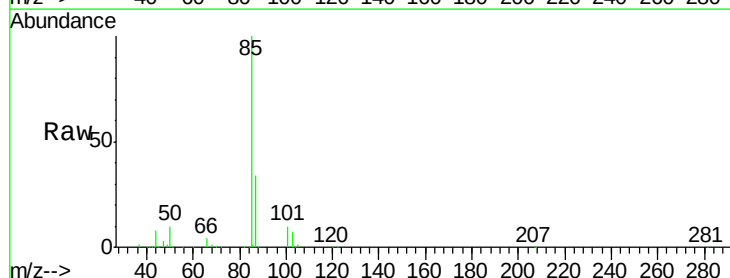
Acq: 20 Jun 2020 02:29

Tgt Ion: 85 Resp: 53650

Ion Ratio Lower Upper

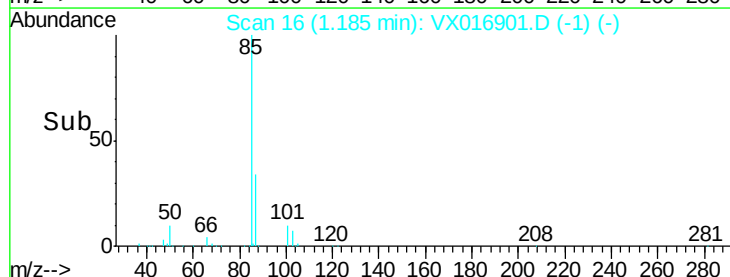
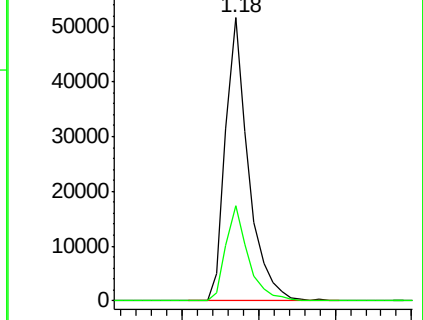
85 100

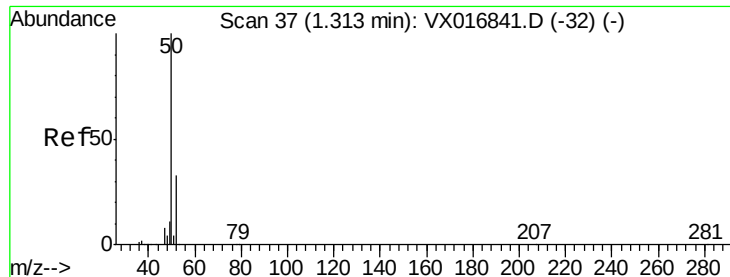
87 33.6 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 18.927 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX016901.D

Acq: 20 Jun 2020 02:29

Instrument :

MSVOA_X

ClientSampleId :

VX0619WBS02

Tot Ion: 50 Resp: 55595

Ion Ratio Lower Upper

50 100

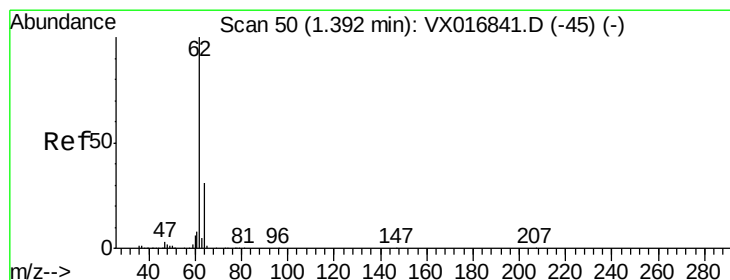
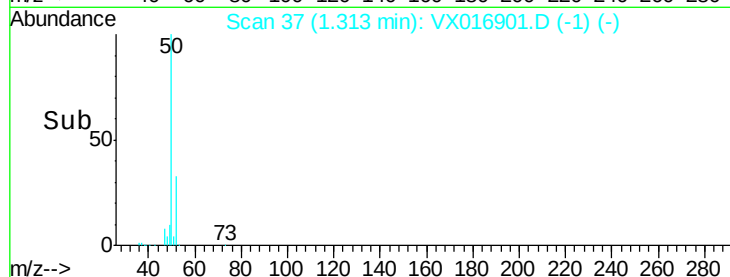
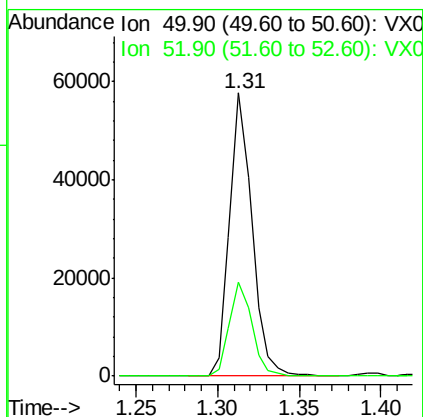
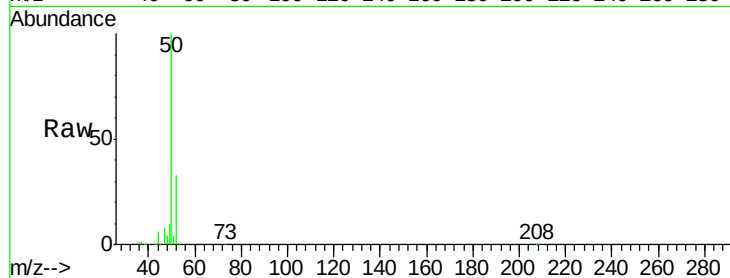
52 33.2 26.1 39.1

Manual Integrations

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#4

Vinyl Chloride

Concen: 21.261 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016901.D

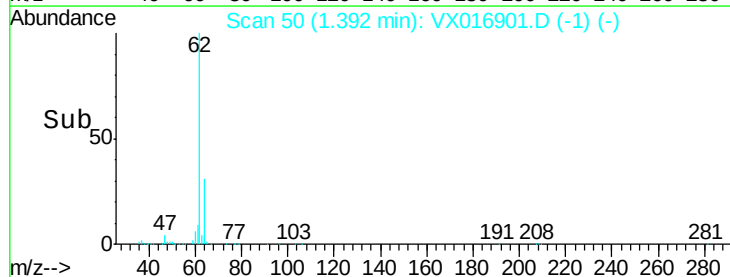
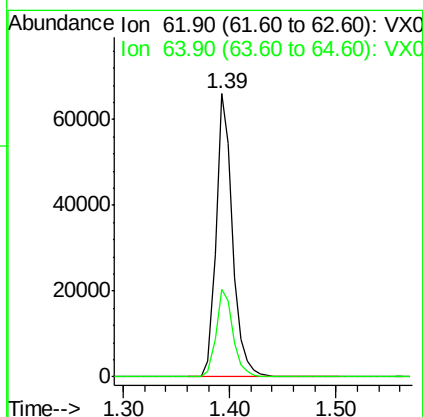
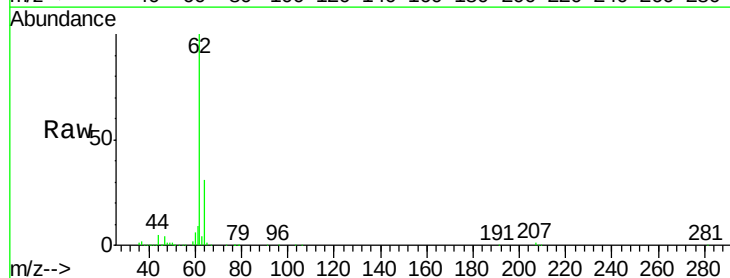
Acq: 20 Jun 2020 02:29

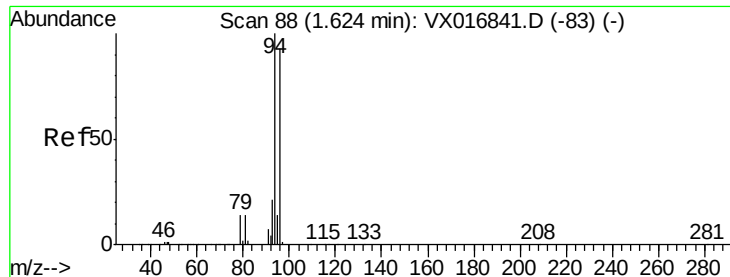
Tgt Ion: 62 Resp: 70387

Ion Ratio Lower Upper

62 100

64 31.1 25.0 37.4





#5

Bromomethane

Concen: 22.521 ug/l

RT: 1.63 min Scan# 89

Delta R.T. 0.01 min

Lab File: VX016901.D

Acq: 20 Jun 2020 02:29

Instrument :

MSVOA_X

ClientSampled :

VX0619WBS02

Tot Ion: 94 Resp: 44892

Ion Ratio Lower Upper

94 100

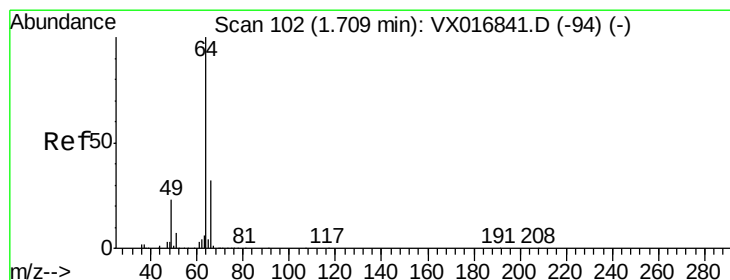
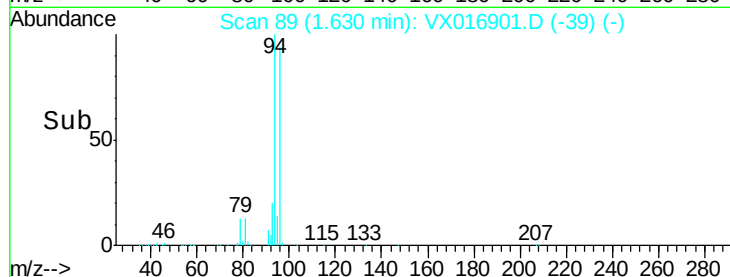
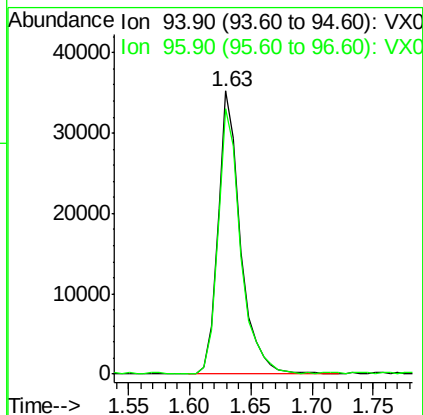
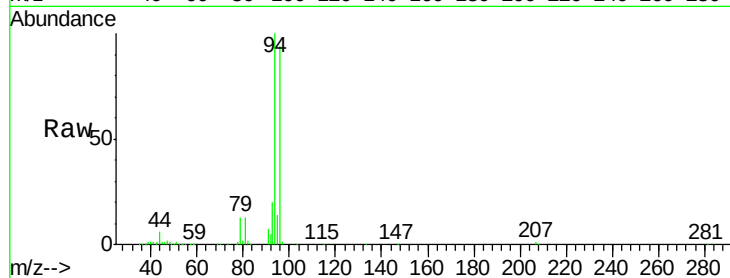
96 93.8 74.4 111.6

Manual Integrations

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#6

Chloroethane

Concen: 20.572 ug/l

RT: 1.72 min Scan# 103

Delta R.T. 0.01 min

Lab File: VX016901.D

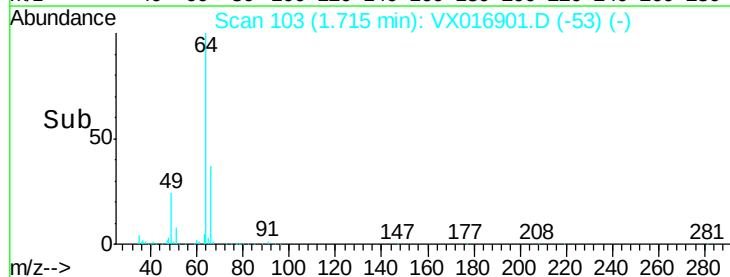
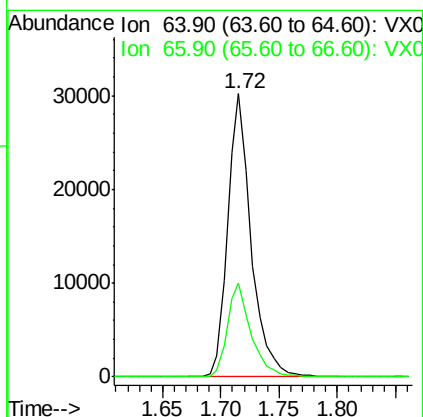
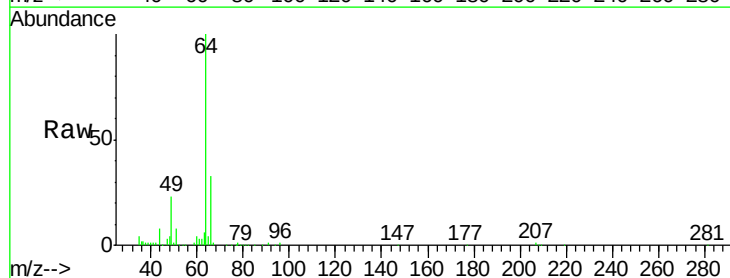
Acq: 20 Jun 2020 02:29

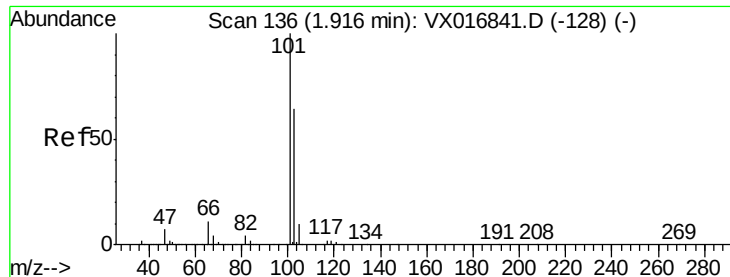
Tgt Ion: 64 Resp: 41946

Ion Ratio Lower Upper

64 100

66 33.4 25.7 38.5





#7

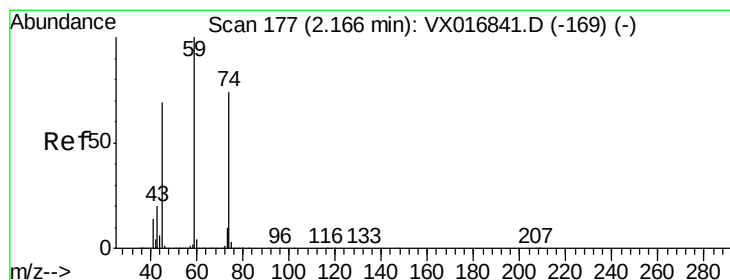
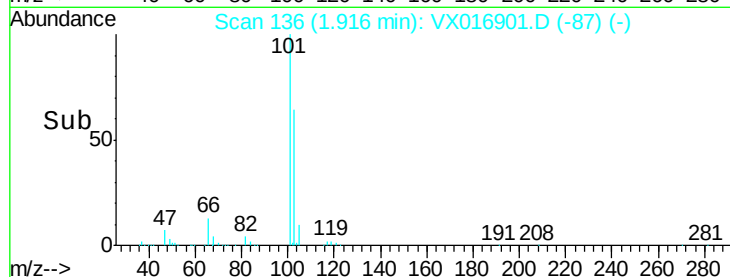
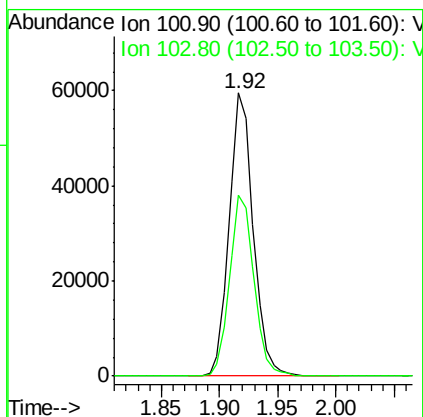
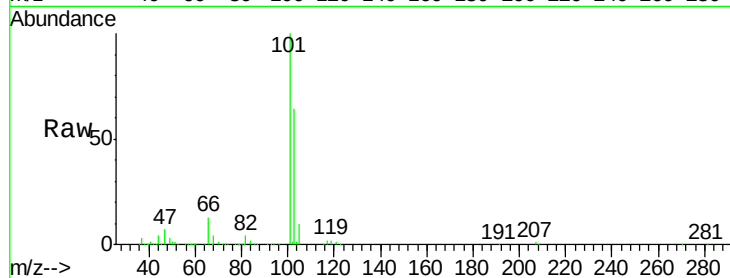
Trichlorofluoromethane
Concen: 18.564 ug/l
RT: 1.92 min Scan# 136
Delta R.T. -0.00 min
Lab File: VX016901.D
Acq: 20 Jun 2020 02:29

Instrument :
MSVOA_X
ClientSampled :
VX0619WBS02

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.1	51.2	76.8

Manual Integrations
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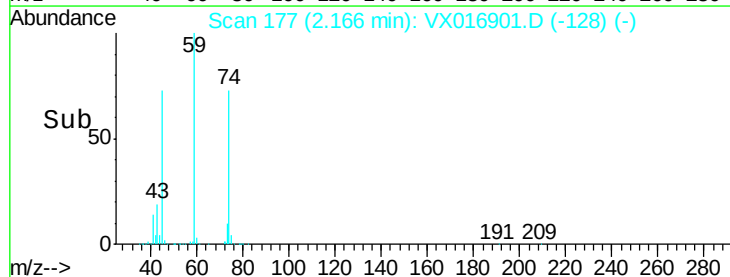
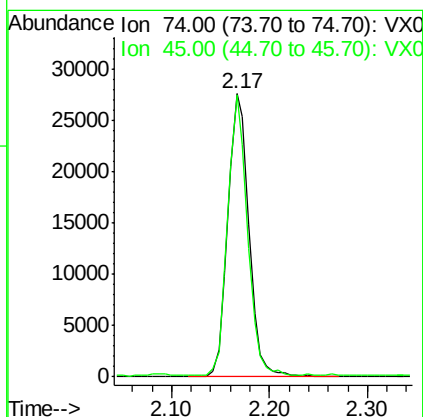
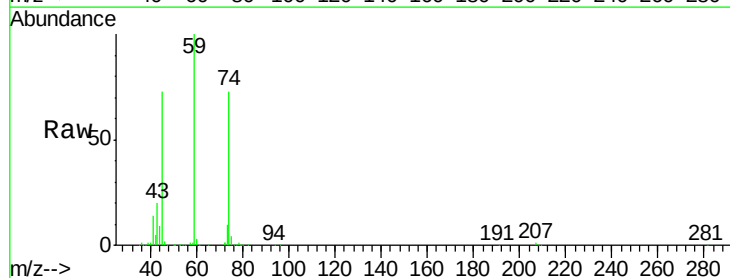
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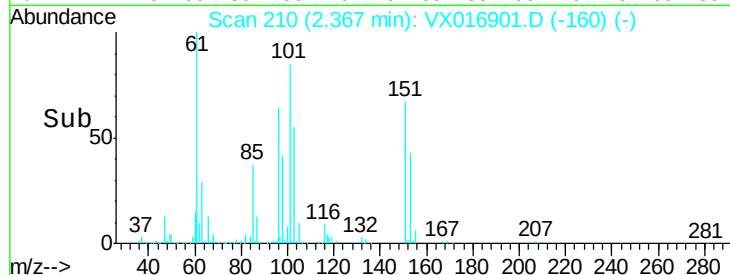
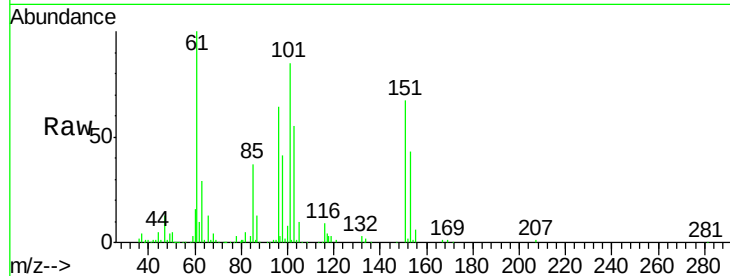
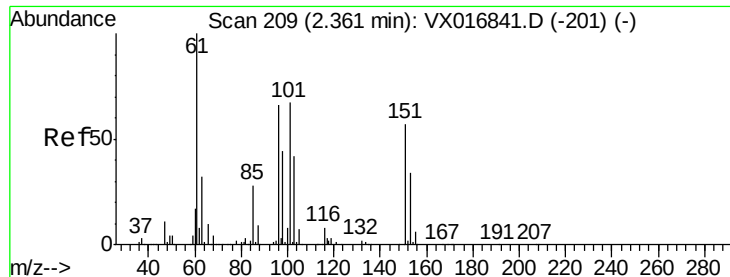


#8

Diethyl Ether
Concen: 22.936 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX016901.D
Acq: 20 Jun 2020 02:29

Tgt Ion	Ratio	Lower	Upper
74	100		
45	92.6	45.3	135.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.247 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.01 min

Lab File: VX016901.D

Acq: 20 Jun 2020 02:29

Instrument :

MSVOA_X

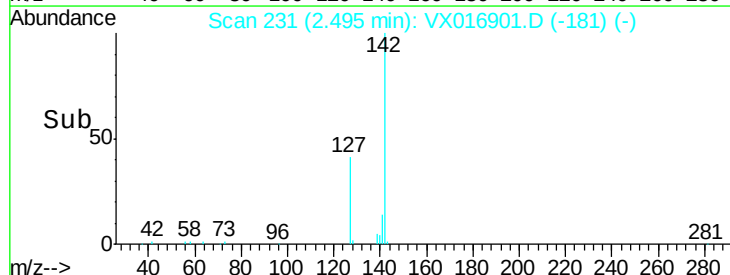
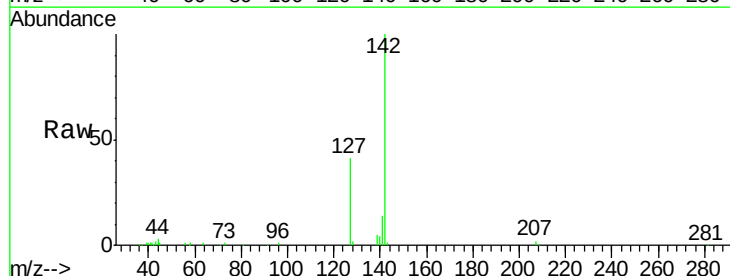
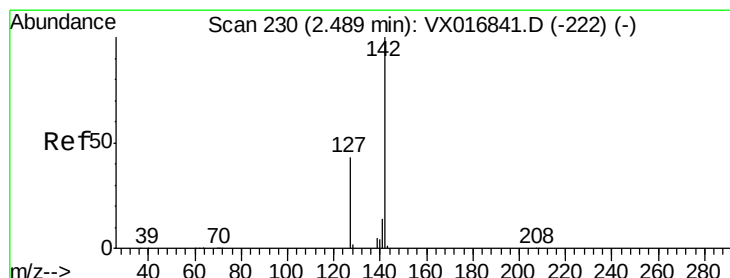
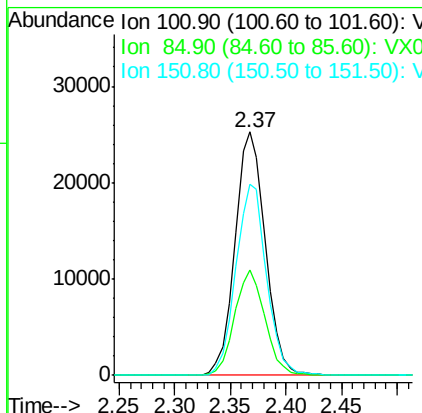
ClientSampleId :

VX0619WBS02

Tot Ion:	101	Resp:	47480
Ion Ratio	Lower	Upper	
101	100		
85	43.1	34.3	51.5
151	79.6	67.6	101.4

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#10

Methyl Iodide

Concen: 15.310 ug/l

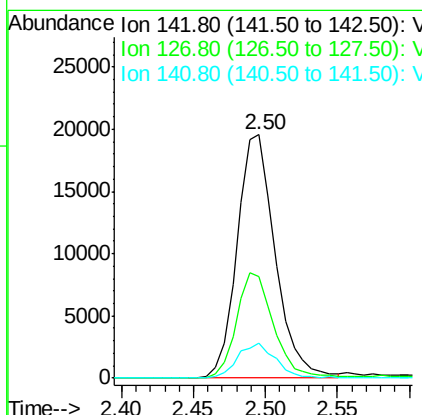
RT: 2.50 min Scan# 231

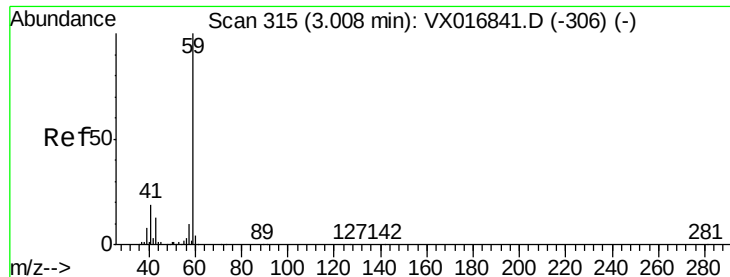
Delta R.T. 0.01 min

Lab File: VX016901.D

Acq: 20 Jun 2020 02:29

Tgt Ion:	142	Resp:	35955
Ion Ratio	Lower	Upper	
142	100		
127	42.3	35.1	52.7
141	14.1	11.6	17.4





#11

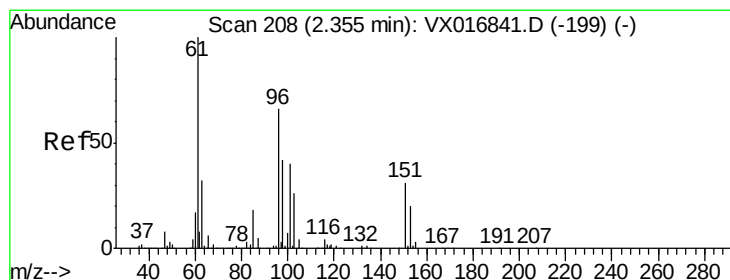
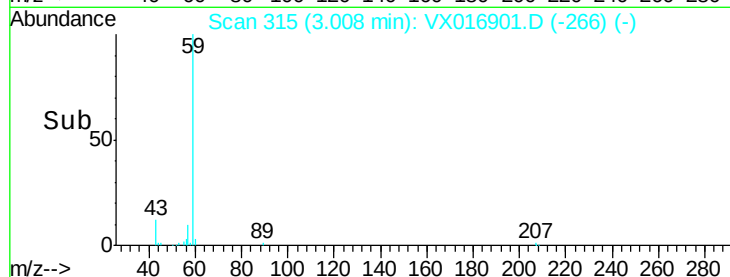
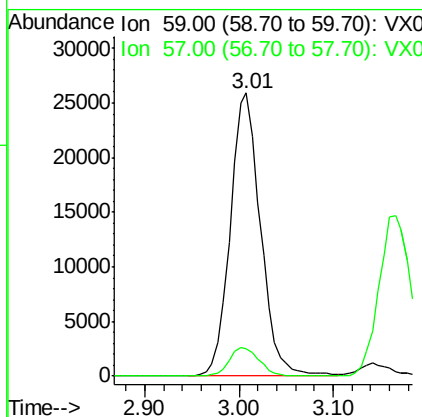
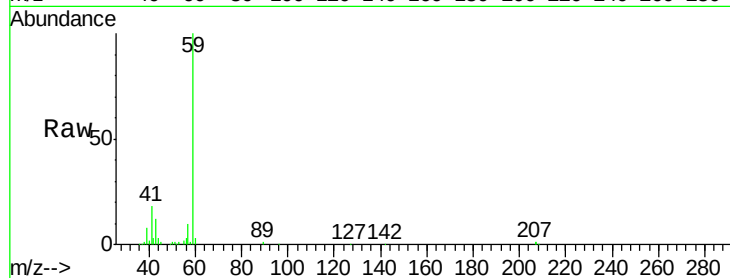
Tert butyl alcohol
Concen: 120.415 ug/l
RT: 3.01 min Scan# 315
Delta R.T. -0.00 min
Lab File: VX016901.D
Acq: 20 Jun 2020 02:29

Instrument :
MSVOA_X
ClientSampleId :
VX0619WBS02

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.0	8.4	12.6

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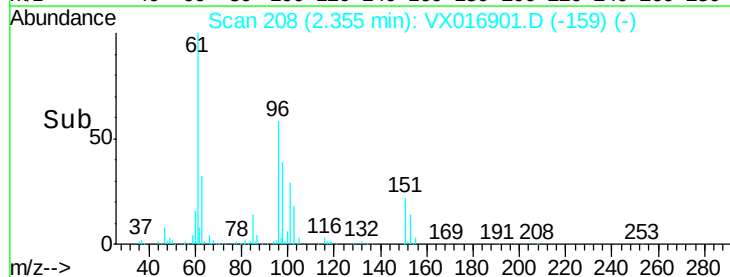
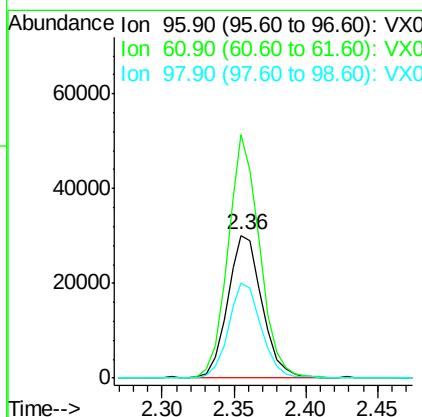
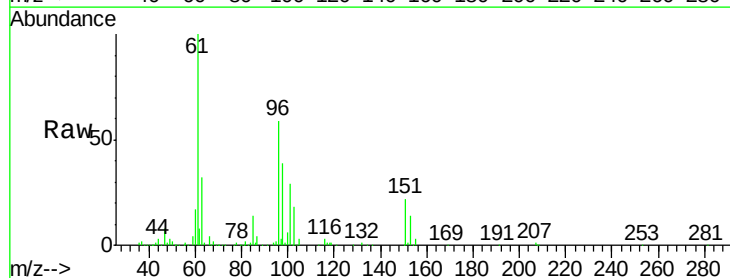
MMDadoda
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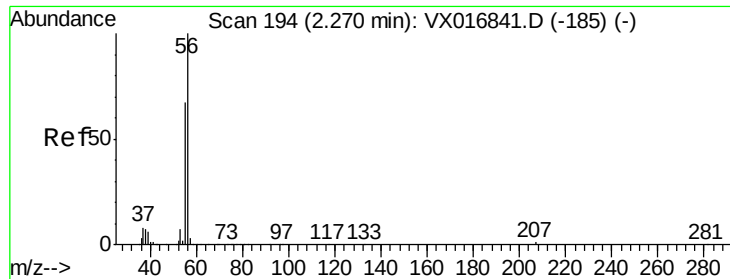


#12

1,1-Dichloroethene
Concen: 19.683 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX016901.D
Acq: 20 Jun 2020 02:29

Tgt Ion	Ratio	Lower	Upper
96	100		
61	171.0	121.7	182.5
98	66.4	51.1	76.7





#13

Acrolein

Concen: 133.579 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.00 min

Lab File: VX016901.D

Acq: 20 Jun 2020 02:29

Instrument :

MSVOA_X

ClientSampleId :

VX0619WBS02

Tot Ion: 56 Resp: 38868

Ion Ratio Lower Upper

56 100

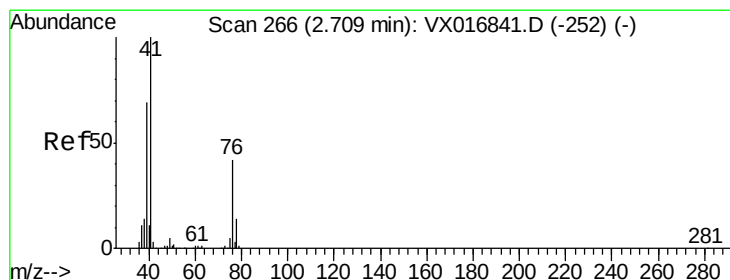
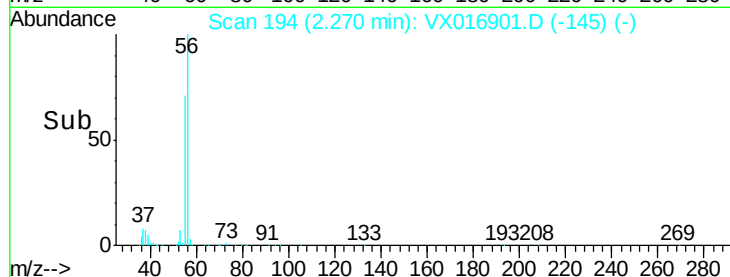
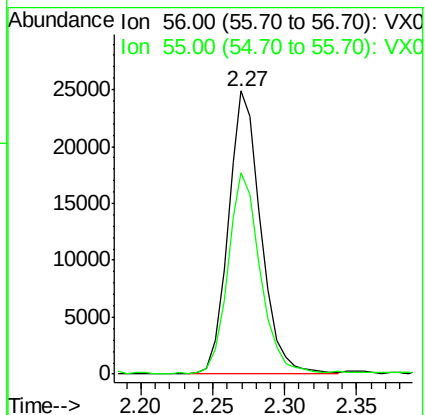
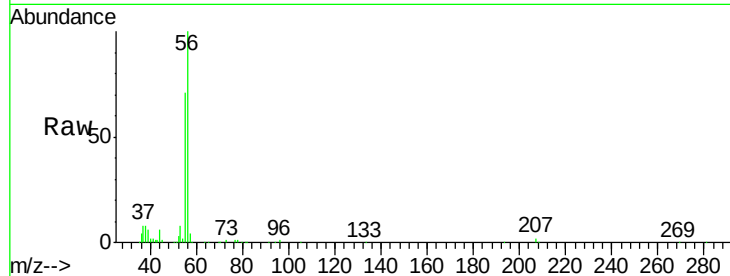
55 72.6 55.7 83.5

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#14

Allyl chloride

Concen: 20.819 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX016901.D

Acq: 20 Jun 2020 02:29

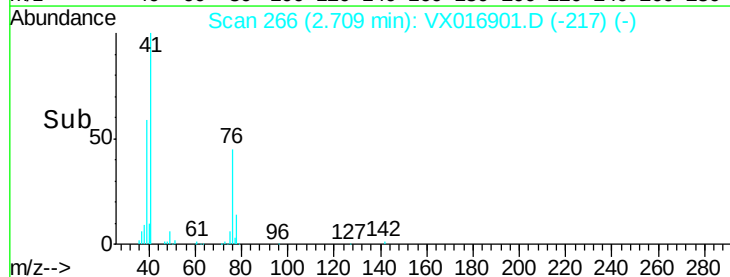
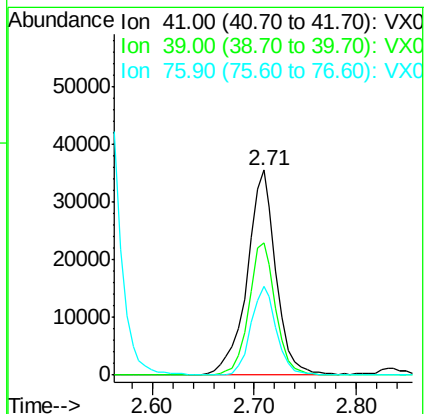
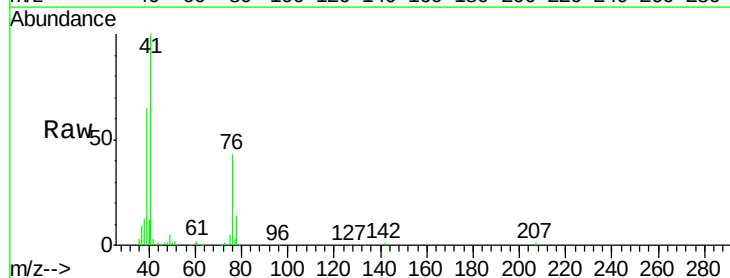
Tgt Ion: 41 Resp: 69465

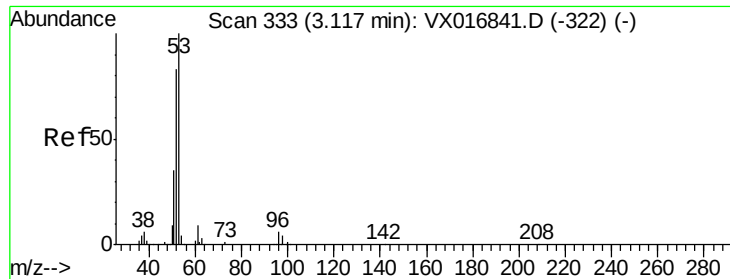
Ion Ratio Lower Upper

41 100

39 60.1 50.7 76.1

76 38.5 30.9 46.3





#15

Acrylonitrile

Concen: 121.967 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.01 min

Lab File: VX016901.D

Acq: 20 Jun 2020 02:29

Instrument :

MSVOA_X

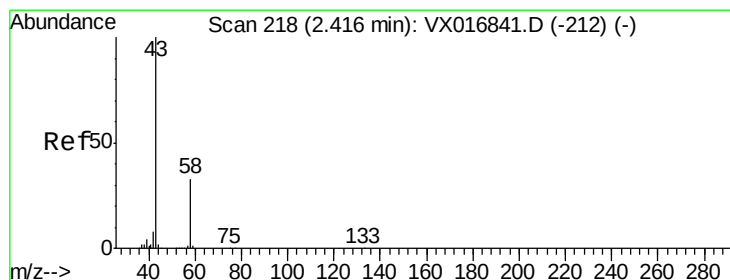
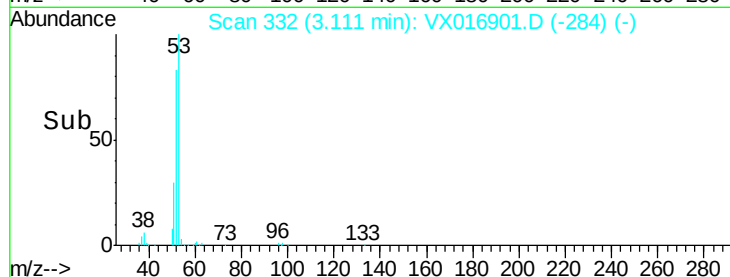
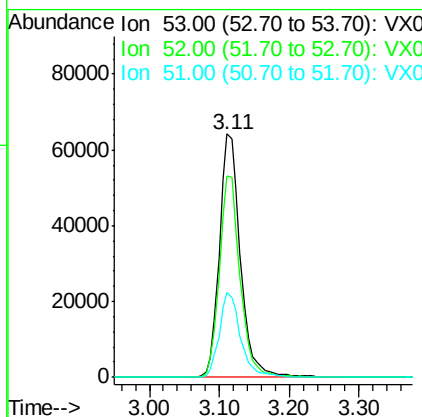
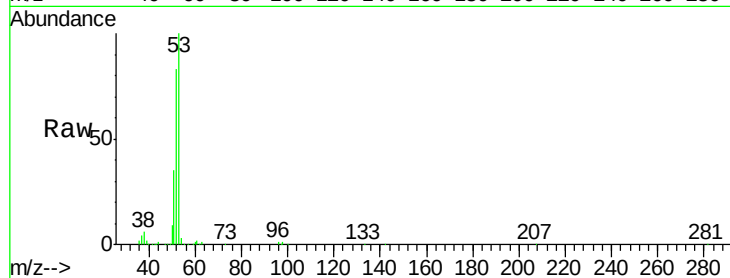
ClientSampleId :

VX0619WBS02

Tot Ion:	53	Resp:	134138
Ion Ratio	Lower	Upper	
53	100		
52	81.1	66.2	99.2
51	35.6	28.7	43.1

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#16

Acetone

Concen: 130.374 ug/l

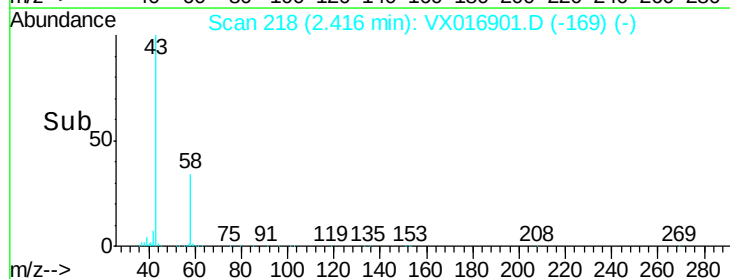
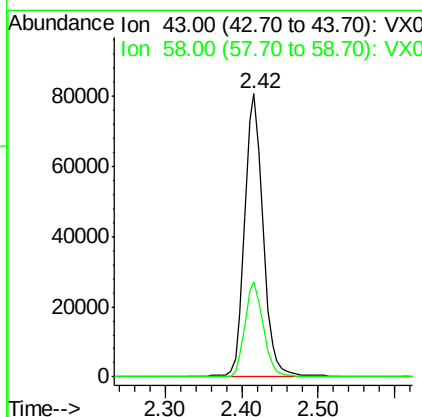
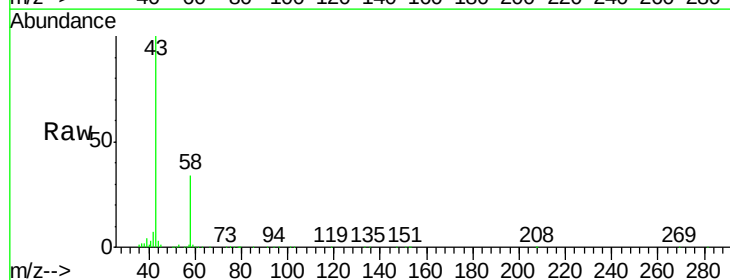
RT: 2.42 min Scan# 218

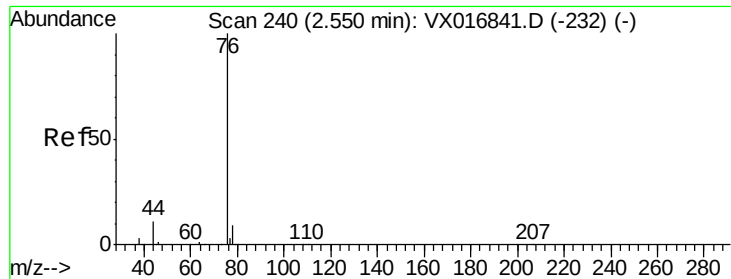
Delta R.T. 0.00 min

Lab File: VX016901.D

Acq: 20 Jun 2020 02:29

Tgt Ion:	43	Resp:	134360
Ion Ratio	Lower	Upper	
43	100		
58	33.7	26.6	39.8





#17

Carbon Disulfide

Concen: 17.924 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX016901.D

Acq: 20 Jun 2020 02:29

Instrument :

MSVOA_X

ClientSampleId :

VX0619WBS02

Tot Ion: 76 Resp: 116850

Ion Ratio Lower Upper

76 100

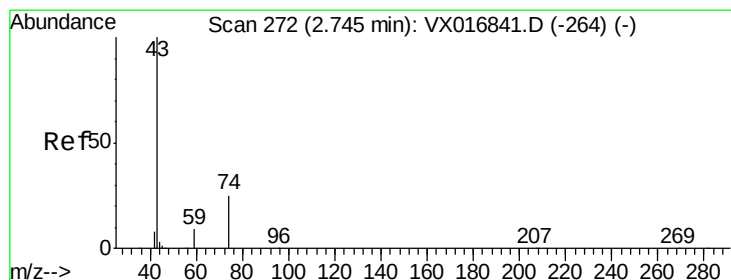
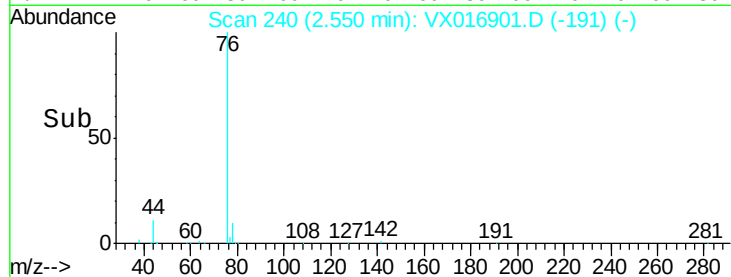
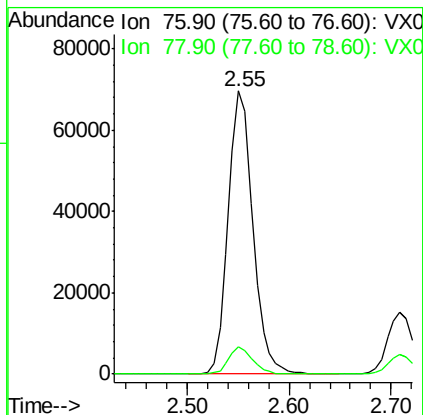
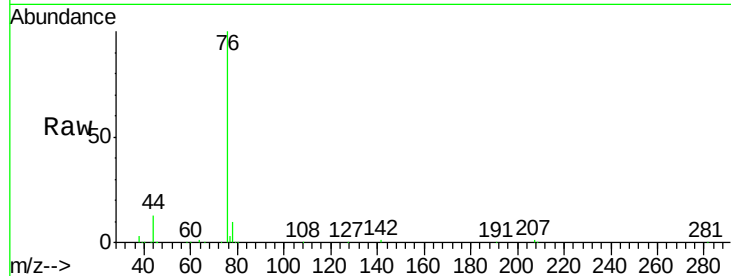
78 9.7 7.5 11.3

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#18

Methyl Acetate

Concen: 25.116 ug/l

RT: 2.75 min Scan# 272

Delta R.T. -0.00 min

Lab File: VX016901.D

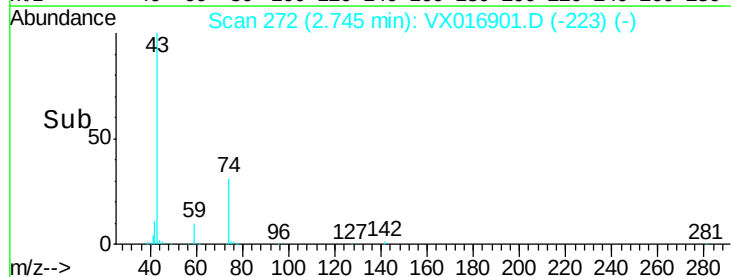
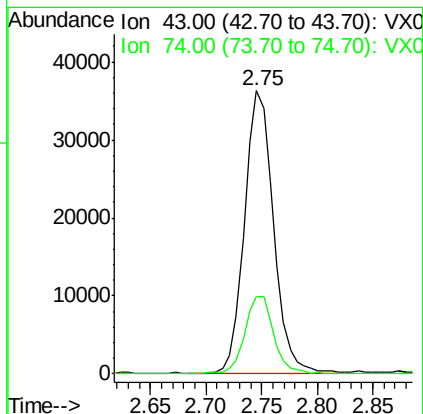
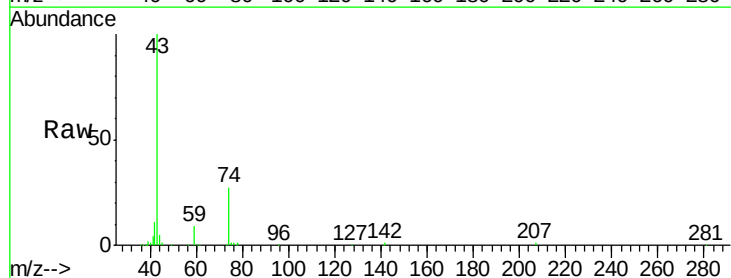
Acq: 20 Jun 2020 02:29

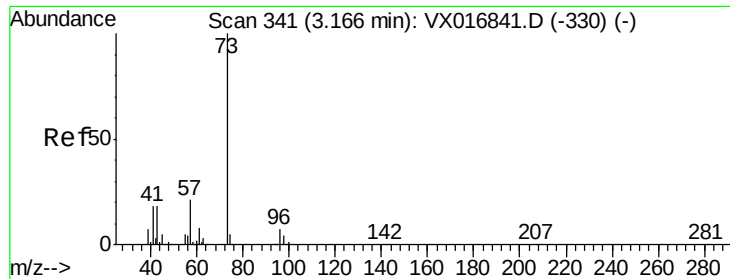
Tgt Ion: 43 Resp: 65820

Ion Ratio Lower Upper

43 100

74 27.6 21.8 32.8





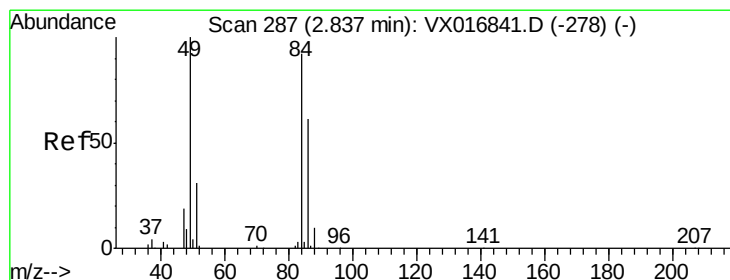
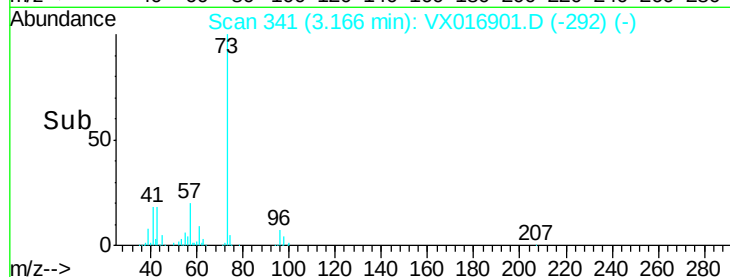
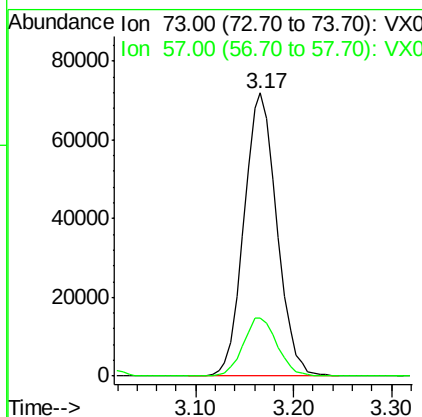
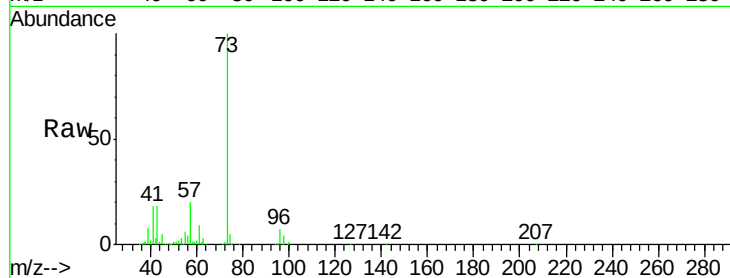
#19
Methyl tert-butyl Ether
Concen: 23.269 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.00 min
Lab File: VX016901.D
Acq: 20 Jun 2020 02:29

Instrument :
MSVOA_X
ClientSampleId :
VX0619WBS02

Tot Ion	73	Resp	167274
Ion Ratio	100	Lower	Upper
73	100	16.9	25.3
57	20.5		

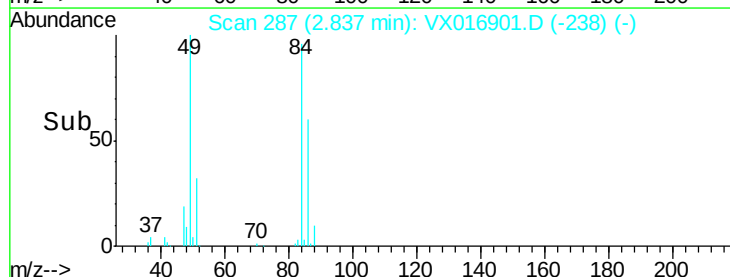
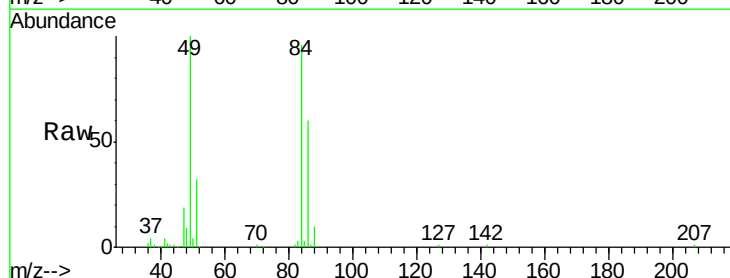
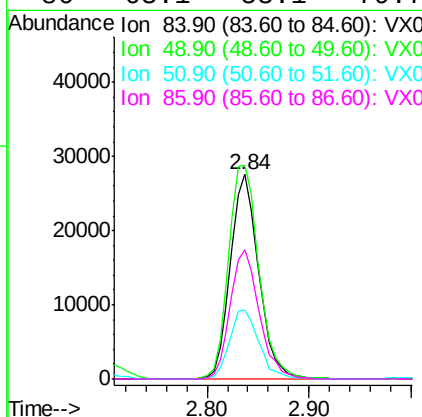
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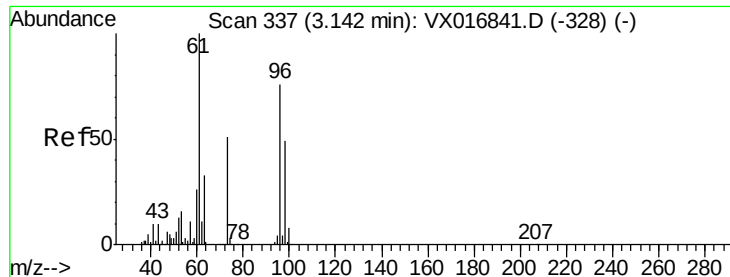
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#20
Methylene Chloride
Concen: 21.437 ug/l
RT: 2.84 min Scan# 287
Delta R.T. -0.00 min
Lab File: VX016901.D
Acq: 20 Jun 2020 02:29

Tgt Ion	84	Resp	52980
Ion Ratio	100	Lower	Upper
84	100	86.6	129.8
49	104.4	27.1	40.7
51	33.8	53.1	79.7
86	63.1		





#21

trans-1,2-Dichloroethene

Concen: 20.283 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX016901.D

Acq: 20 Jun 2020 02:29

Instrument :

MSVOA_X

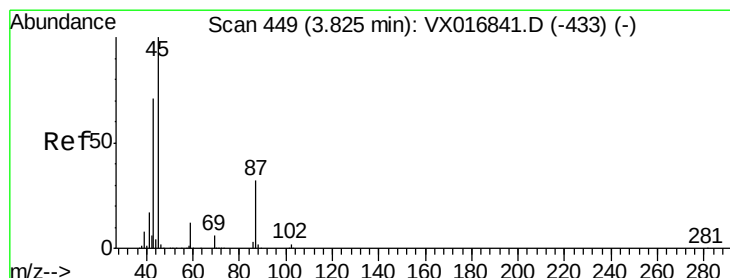
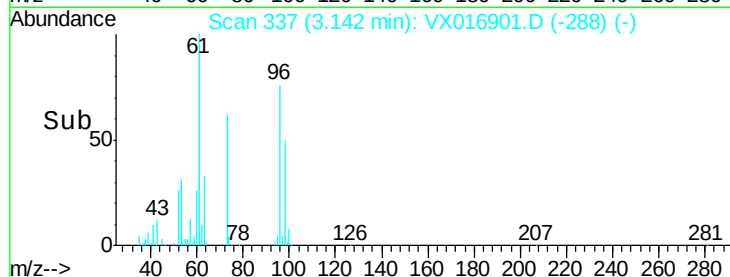
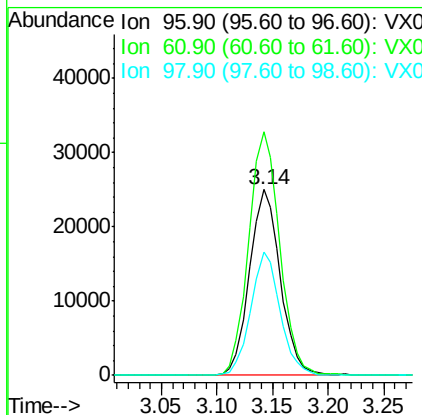
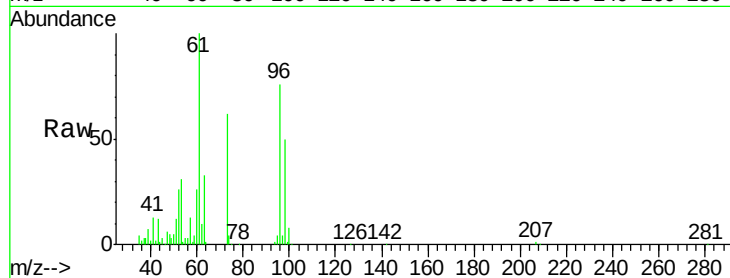
ClientSampleId :

VX0619WBS02

Tot Ion:	96	Resp:	48297
Ion	Ratio	Lower	Upper
96	100		
61	131.3	105.4	158.0
98	66.2	51.3	76.9

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#22

Diisopropyl ether

Concen: 24.536 ug/l

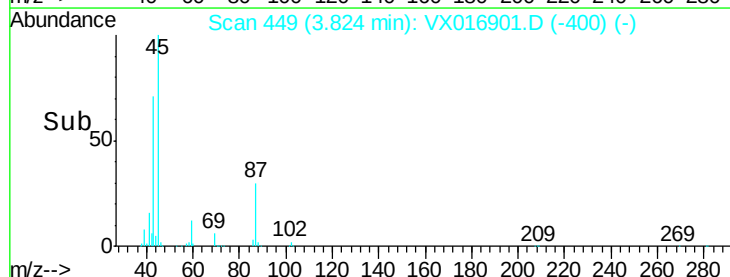
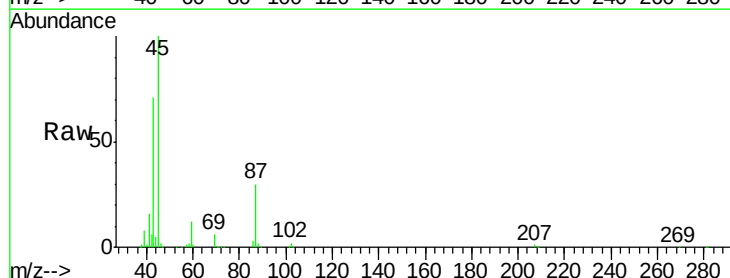
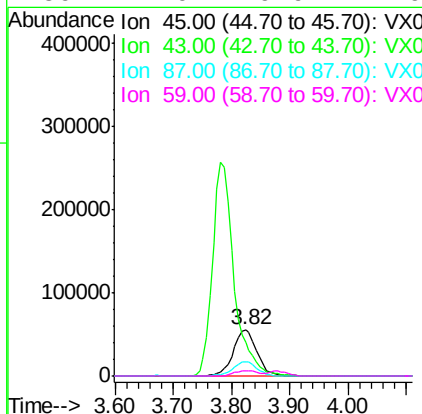
RT: 3.82 min Scan# 449

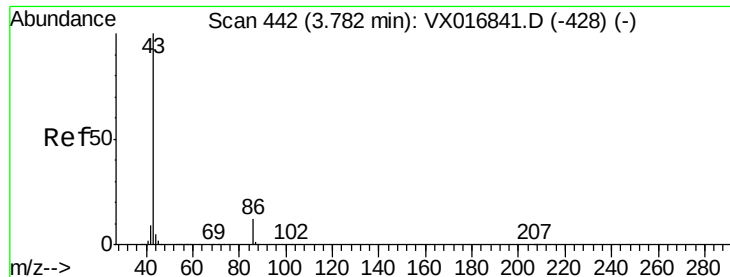
Delta R.T. -0.00 min

Lab File: VX016901.D

Acq: 20 Jun 2020 02:29

Tgt Ion:	45	Resp:	156852
Ion	Ratio	Lower	Upper
45	100		
43	70.5	57.0	85.4
87	30.4	25.2	37.8
59	12.0	9.9	14.9





#23

Vinyl Acetate

Concen: 124.941 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.00 min

Lab File: VX016901.D

Acq: 20 Jun 2020 02:29

Instrument :

MSVOA_X

ClientSampleId :

VX0619WBS02

Tot Ion: 43 Resp: 658625

Ion Ratio Lower Upper

43 100

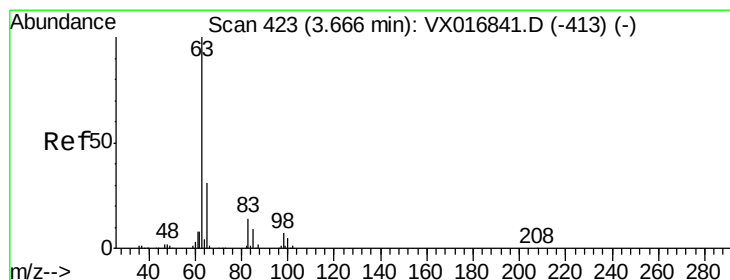
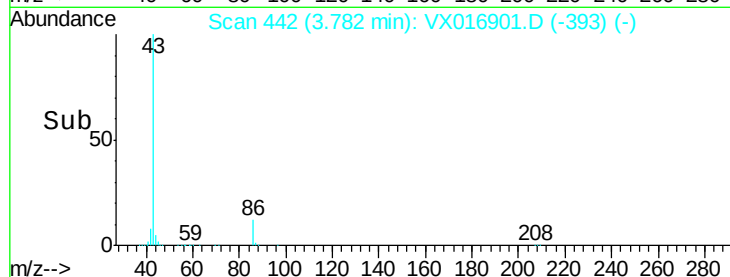
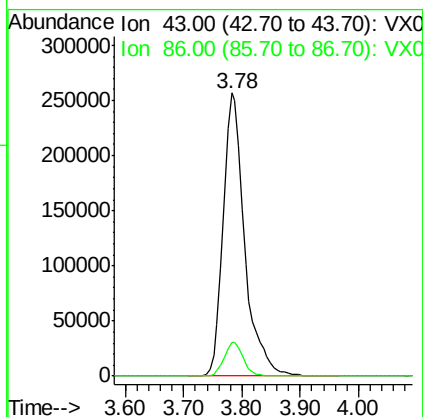
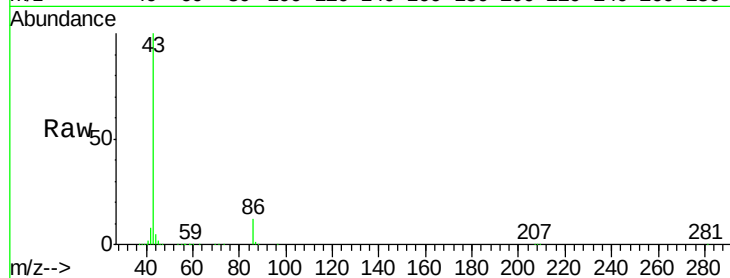
86 12.0 9.9 14.9

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#24

1,1-Dichloroethane

Concen: 22.725 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX016901.D

Acq: 20 Jun 2020 02:29

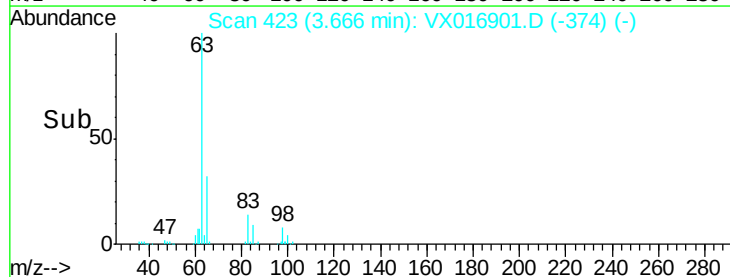
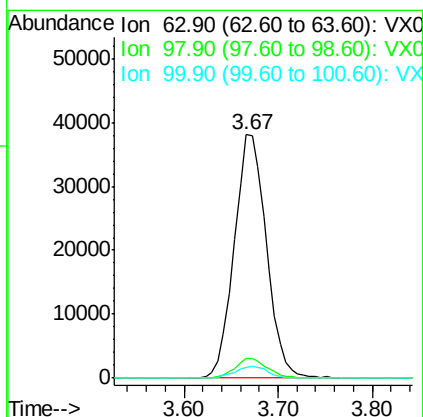
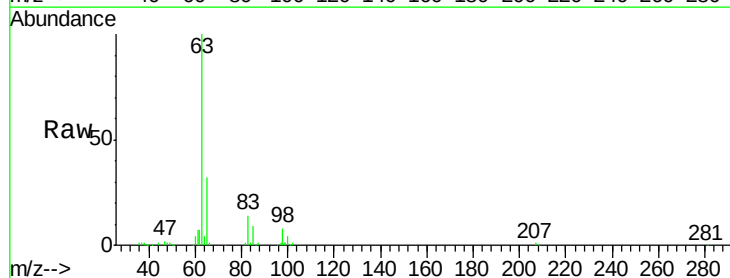
Tgt Ion: 63 Resp: 90747

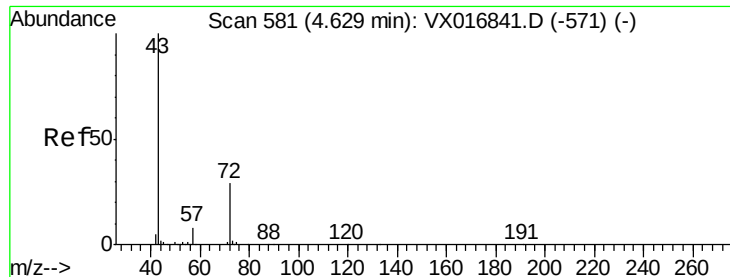
Ion Ratio Lower Upper

63 100

98 7.8 3.6 10.9

100 4.4 2.4 7.1





#25

2-Butanone

Concen: 152.760 ug/l

RT: 4.64 min Scan# 582

Delta R.T. 0.01 min

Lab File: VX016901.D

Acq: 20 Jun 2020 02:29

Instrument :

MSVOA_X

ClientSampleId :

VX0619WBS02

Tot Ion: 43 Resp: 216666

Ion Ratio Lower Upper

43 100

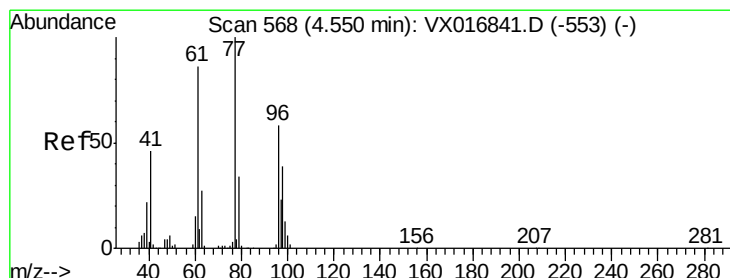
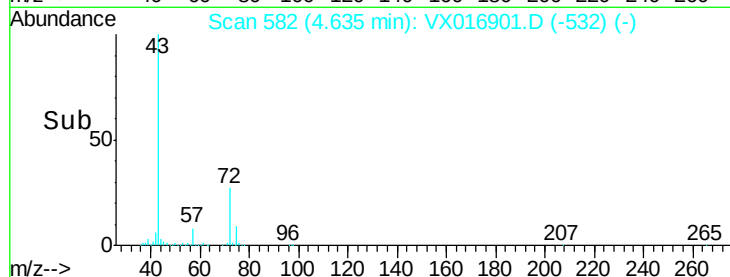
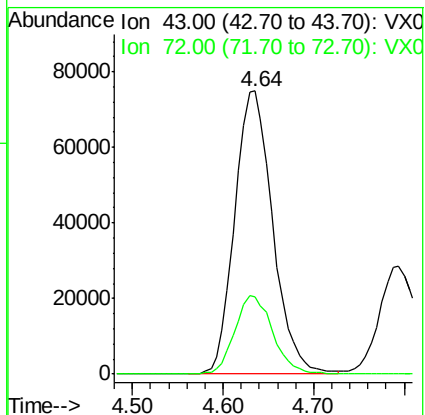
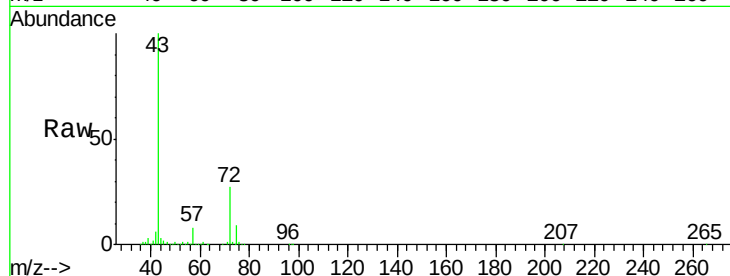
72 26.9 23.5 35.3

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 18.900 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX016901.D

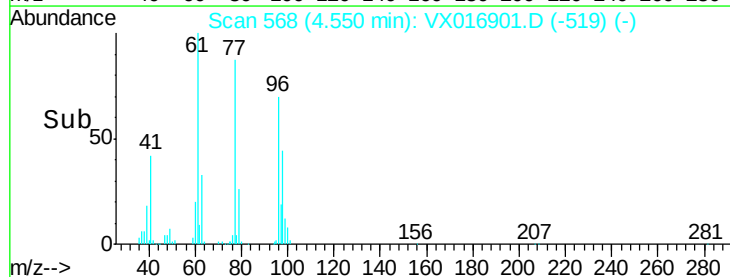
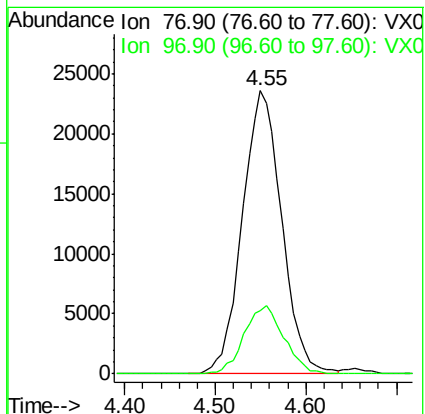
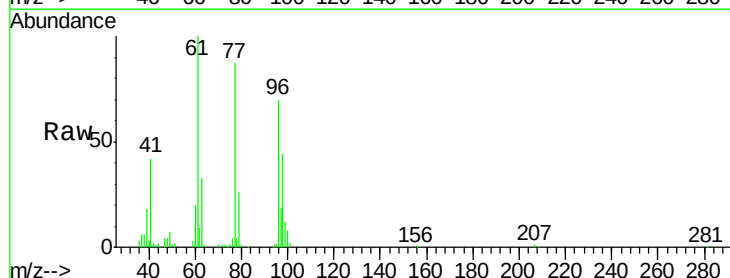
Acq: 20 Jun 2020 02:29

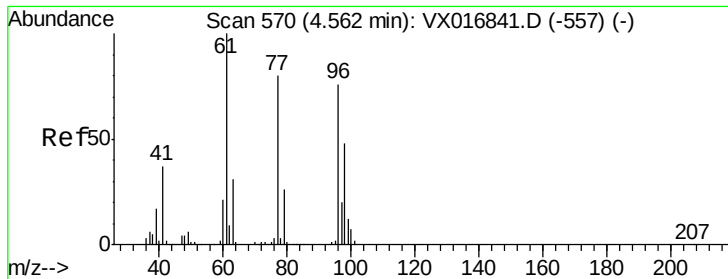
Tgt Ion: 77 Resp: 70709

Ion Ratio Lower Upper

77 100

97 24.4 11.6 34.7





#27

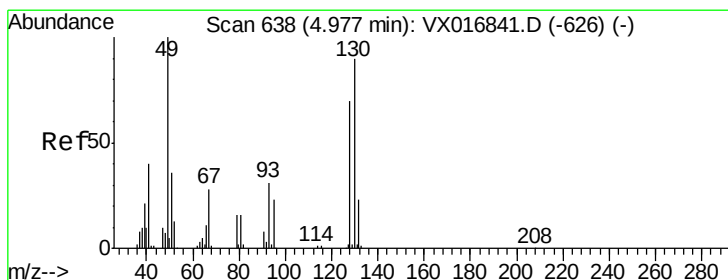
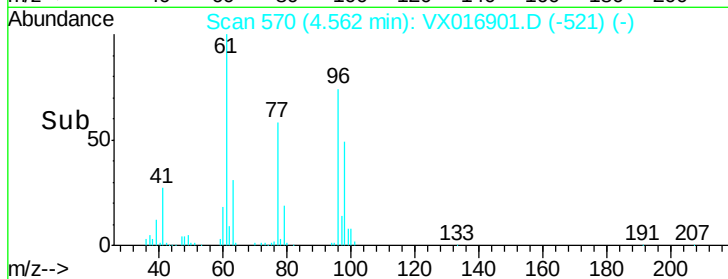
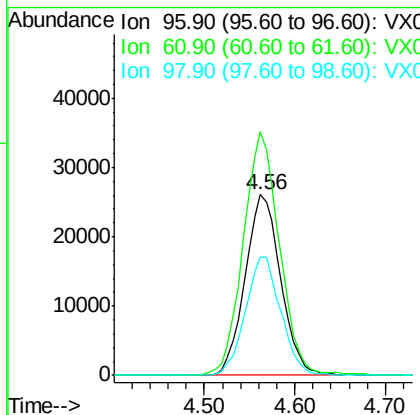
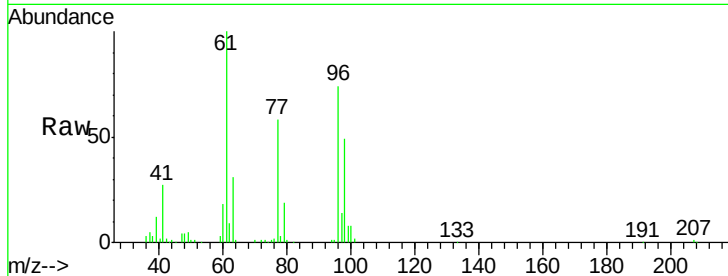
cis-1,2-Dichloroethene
Concen: 26.444 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.00 min
Lab File: VX016901.D
Acq: 20 Jun 2020 02:29

Instrument :
MSVOA_X
ClientSampleId :
VX0619WBS02

Tot Ion	Ratio	Lower	Upper
96	100		
61	137.5	0.0	273.8
98	65.1	0.0	129.0

Manual Integrations
APPROVED

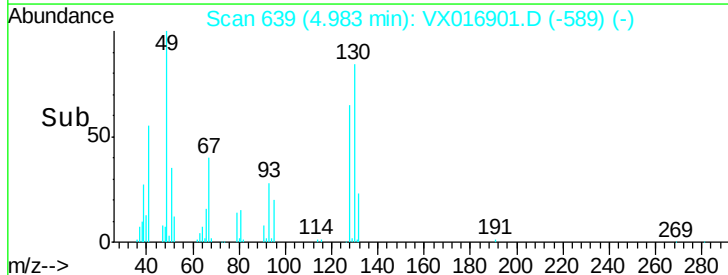
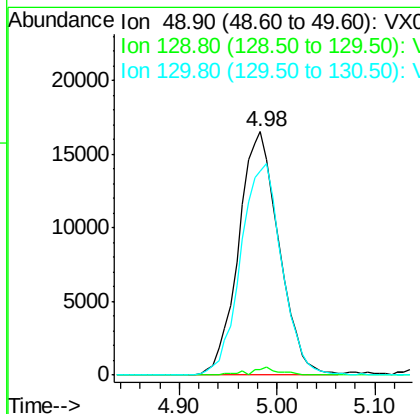
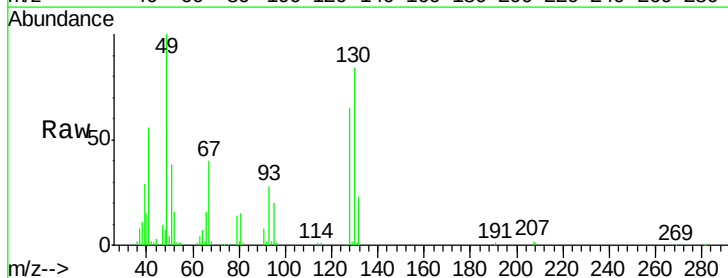
MMDadoda
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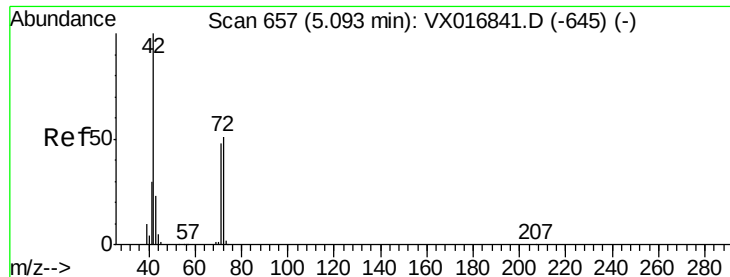


#28

Bromochloromethane
Concen: 28.576 ug/l
RT: 4.98 min Scan# 639
Delta R.T. 0.01 min
Lab File: VX016901.D
Acq: 20 Jun 2020 02:29

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	5.0
130	88.6	76.8	115.2





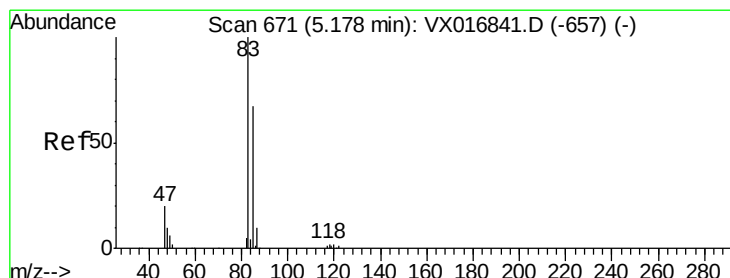
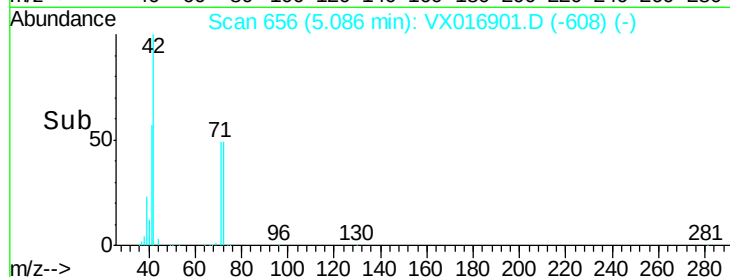
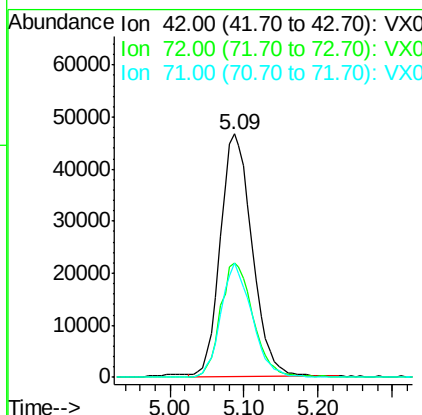
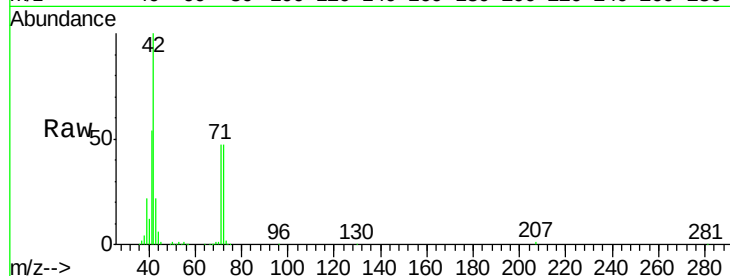
#29
Tetrahydrofuran
Concen: 155.485 ug/l
RT: 5.09 min Scan# 656
Delta R.T. -0.01 min
Lab File: VX016901.D
Acq: 20 Jun 2020 02:29

Instrument :
MSVOA_X
ClientSampleId :
VX0619WBS02

Tot Ion	Ratio	Lower	Upper
42	100		
72	48.4	41.1	61.7
71	46.0	38.4	57.6

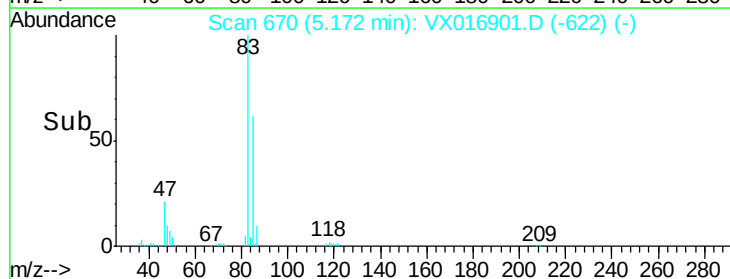
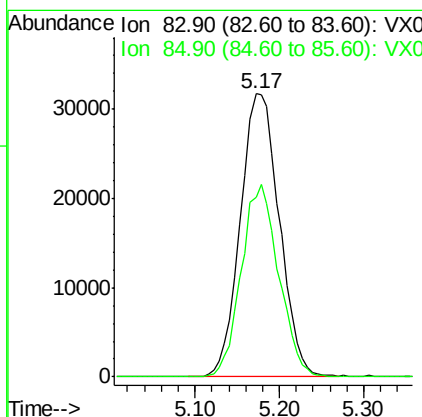
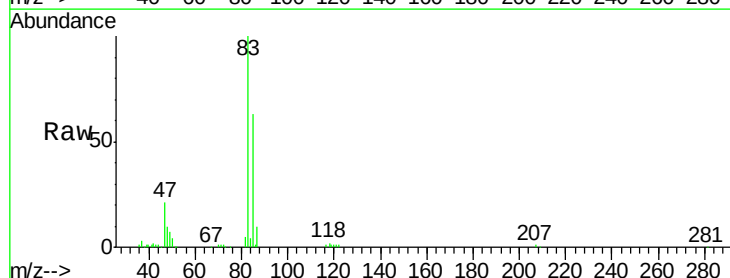
Manual Integrations
APPROVED

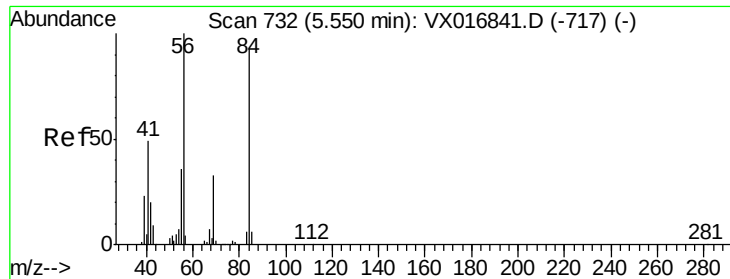
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#30
Chloroform
Concen: 23.665 ug/l
RT: 5.17 min Scan# 670
Delta R.T. -0.01 min
Lab File: VX016901.D
Acq: 20 Jun 2020 02:29

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.4	53.4	80.0





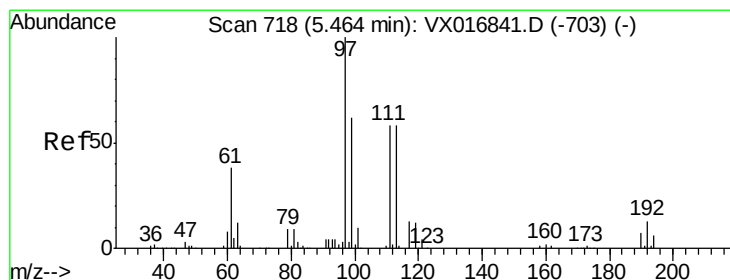
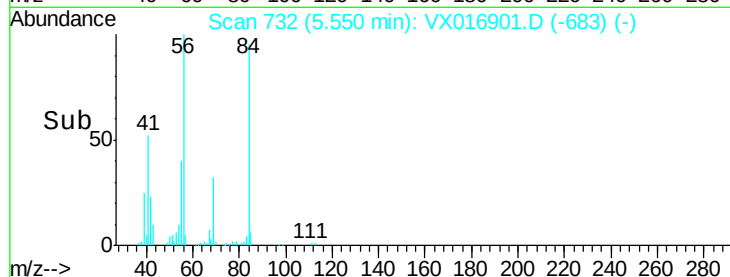
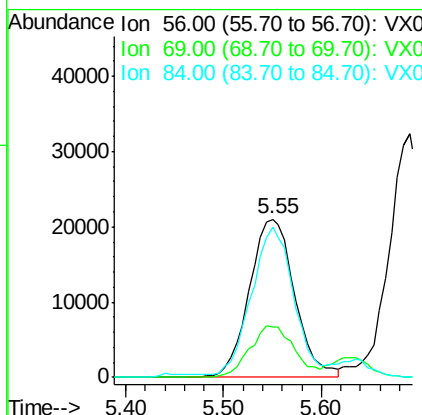
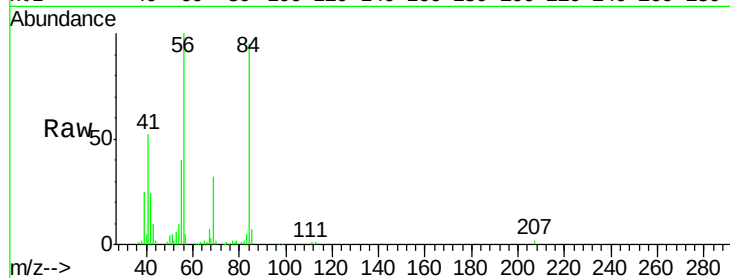
#31
Cyclohexane
Concen: 19.156 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.00 min
Lab File: VX016901.D
Acq: 20 Jun 2020 02:29

Instrument :
MSVOA_X
ClientSampled :
VX0619WBS02

Tot Ion	Ratio	Lower	Upper
56	100		
69	31.7	26.1	39.1
84	92.8	73.0	109.6

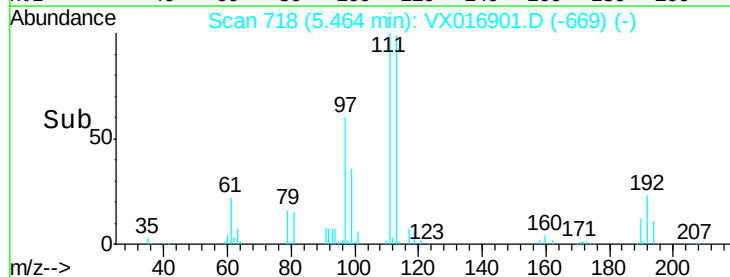
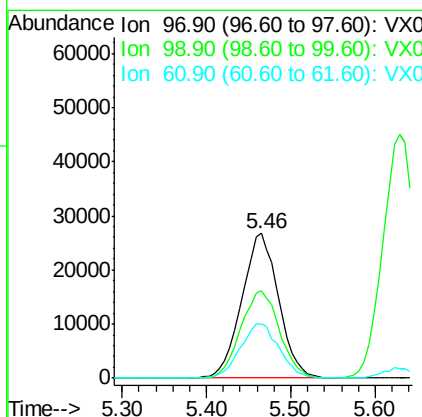
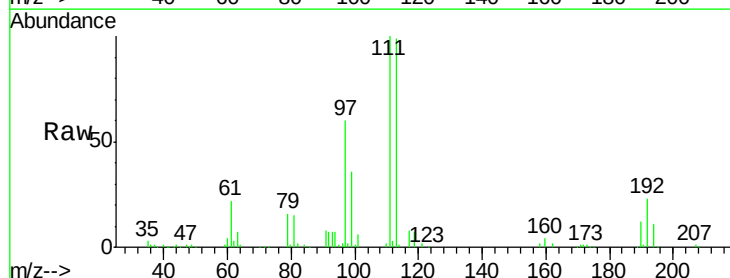
Manual Integrations
APPROVED

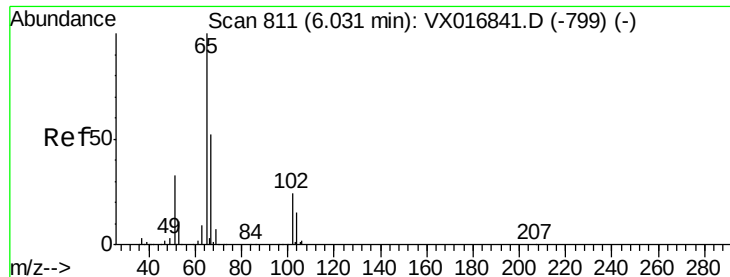
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#32
1,1,1-Trichloroethane
Concen: 19.954 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.00 min
Lab File: VX016901.D
Acq: 20 Jun 2020 02:29

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.3	51.3	76.9
61	39.3	31.3	46.9





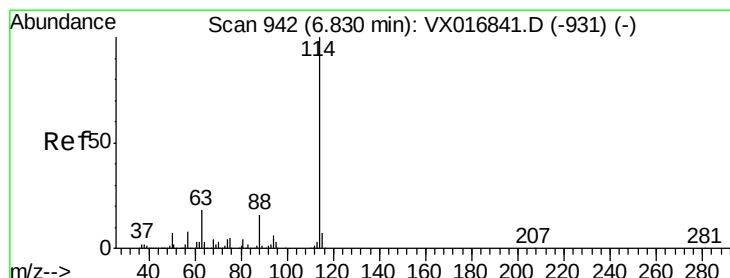
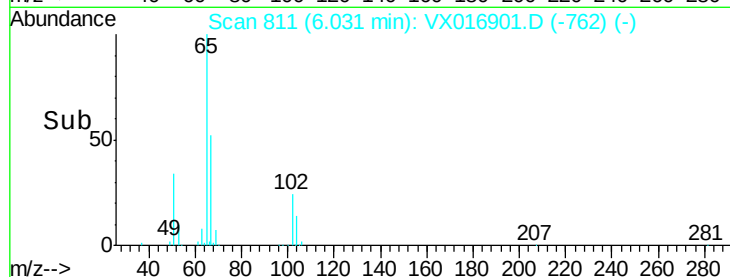
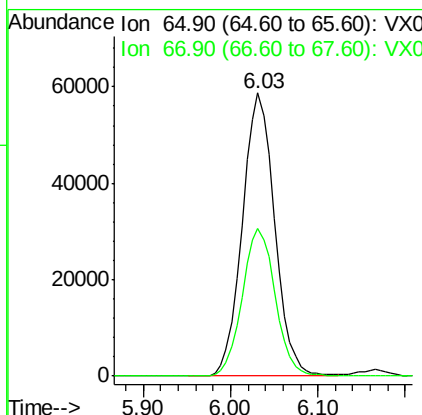
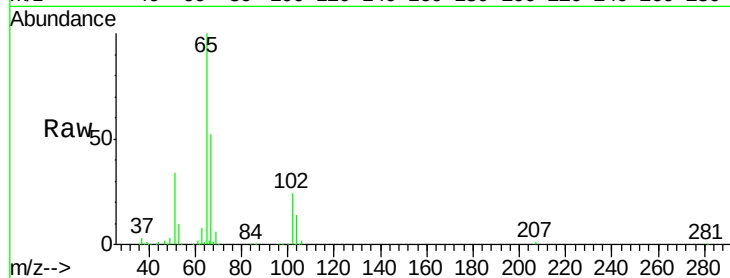
#33
 1,2-Dichloroethane-d4
 Concen: 53.031 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX016901.D
 Acq: 20 Jun 2020 02:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0619WBS02

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	53.3	0.0	102.6	

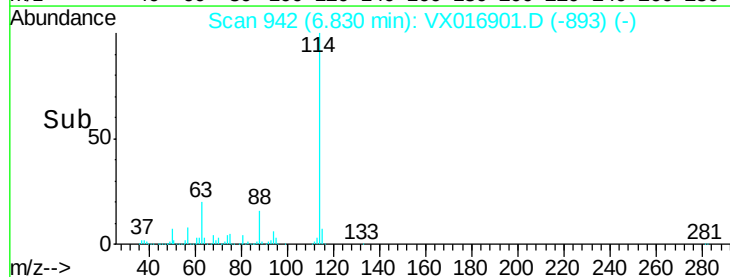
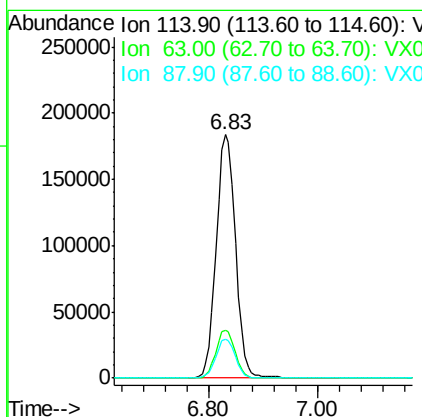
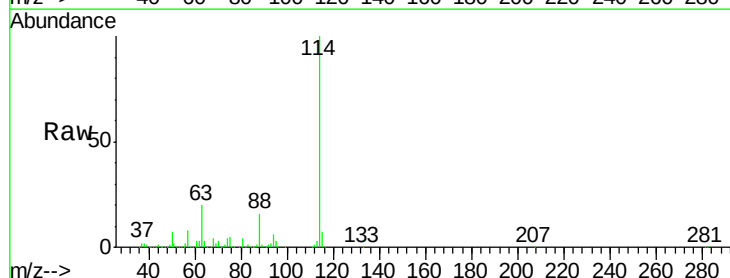
Manual Integrations
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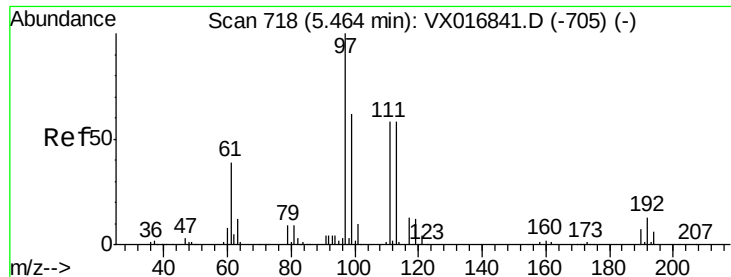
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: VX016901.D
 Acq: 20 Jun 2020 02:29

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	19.8	0.0	37.0	
88	16.2	0.0	32.0	





#35

Dibromofluoromethane

Concen: 43.701 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX016901.D

Acq: 20 Jun 2020 02:29

Instrument :

MSVOA_X

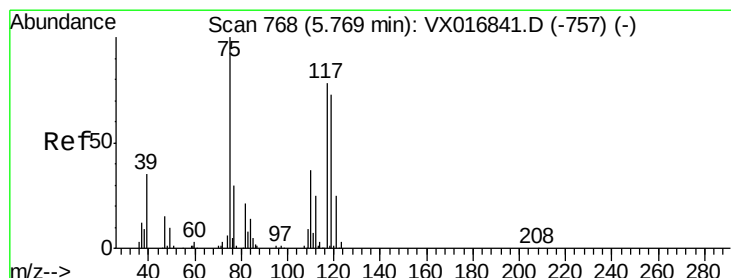
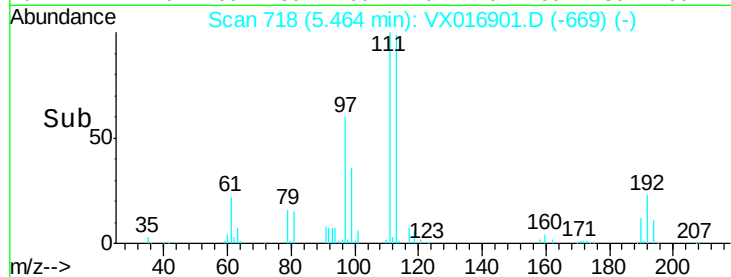
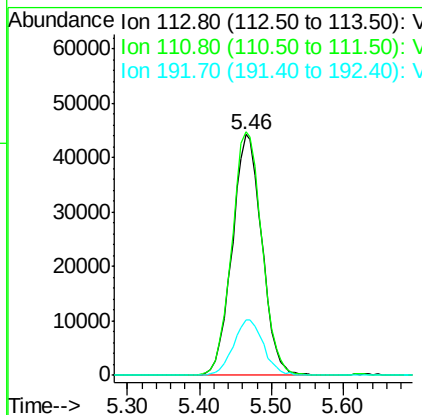
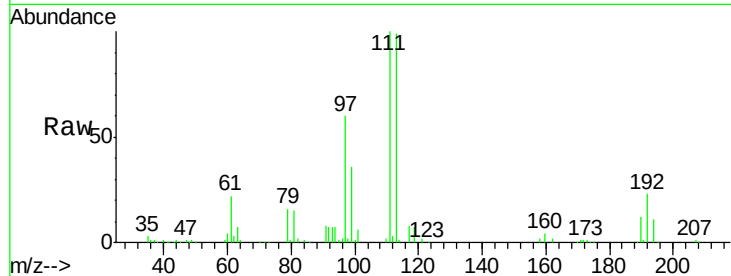
ClientSampleId :

VX0619WBS02

Tot Ion:	113	Resp:	126273
Ion Ratio	Lower	Upper	
113	100		
111	102.7	81.0	121.4
192	23.3	18.5	27.7

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 14.667 ug/l

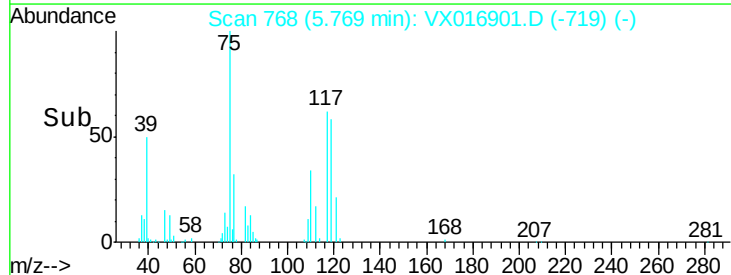
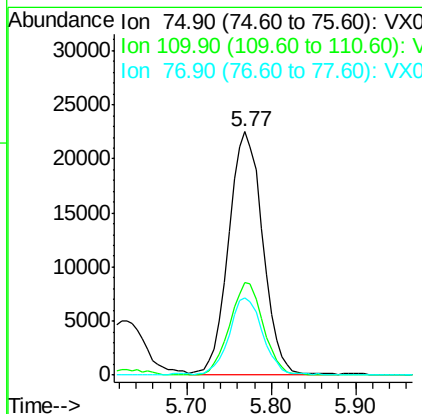
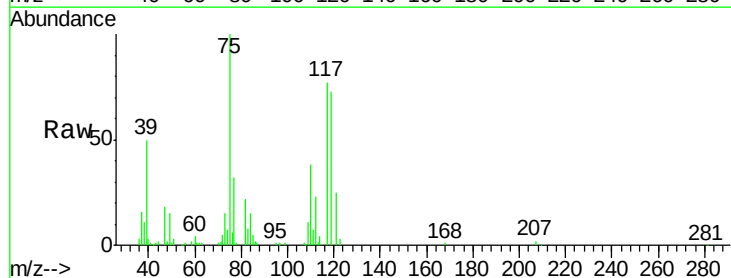
RT: 5.77 min Scan# 768

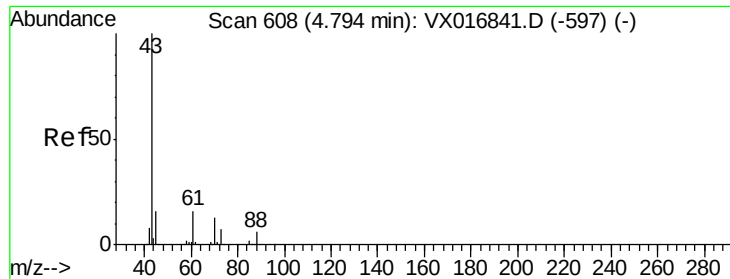
Delta R.T. -0.00 min

Lab File: VX016901.D

Acq: 20 Jun 2020 02:29

Tgt Ion:	75	Resp:	61171
Ion Ratio	Lower	Upper	
75	100		
110	37.8	18.9	56.9
77	31.8	25.6	38.4





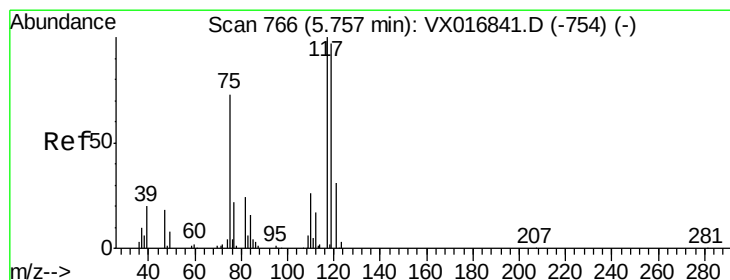
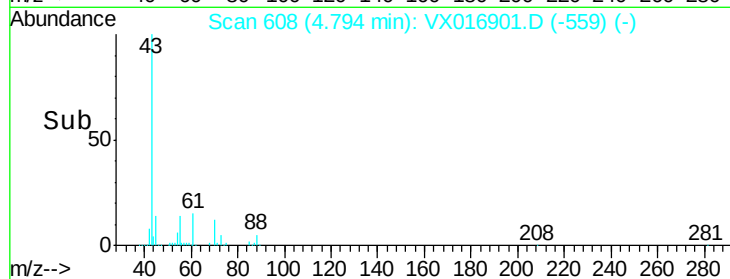
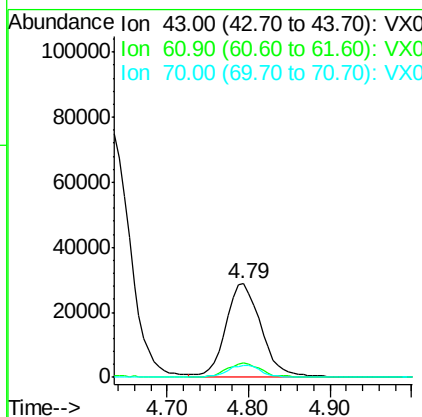
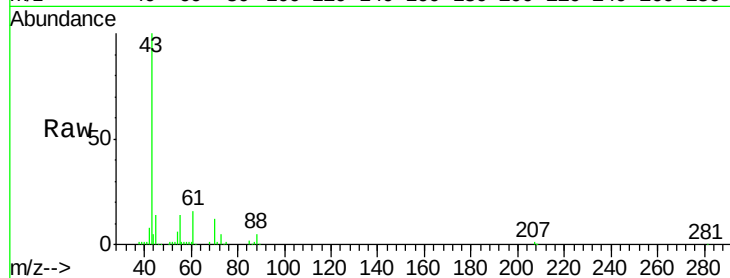
#37
Ethyl Acetate
Concen: 23.109 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.00 min
Lab File: VX016901.D
Acq: 20 Jun 2020 02:29

Instrument :
MSVOA_X
ClientSampleId :
VX0619WBS02

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.0	12.2	18.2
70	12.5	10.5	15.7

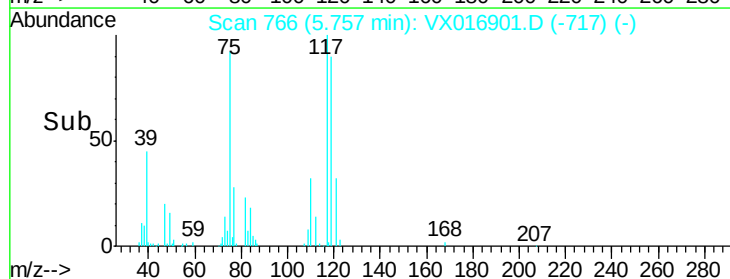
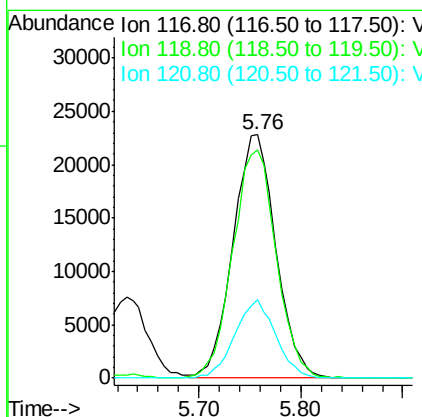
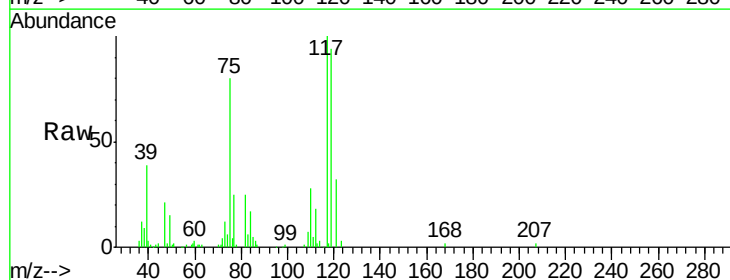
Manual Integrations
APPROVED

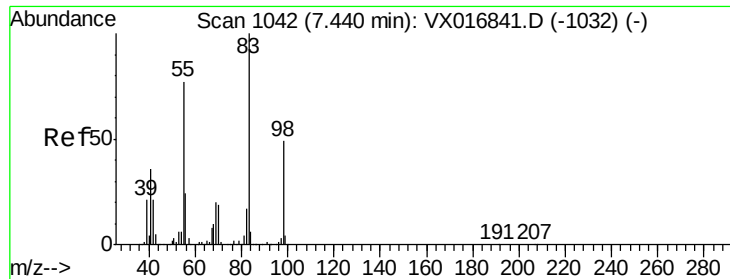
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#38
Carbon Tetrachloride
Concen: 14.235 ug/l
RT: 5.76 min Scan# 766
Delta R.T. -0.00 min
Lab File: VX016901.D
Acq: 20 Jun 2020 02:29

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.1	77.4	116.2
121	32.5	24.7	37.1





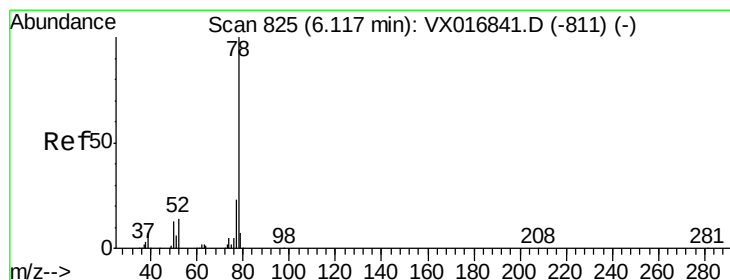
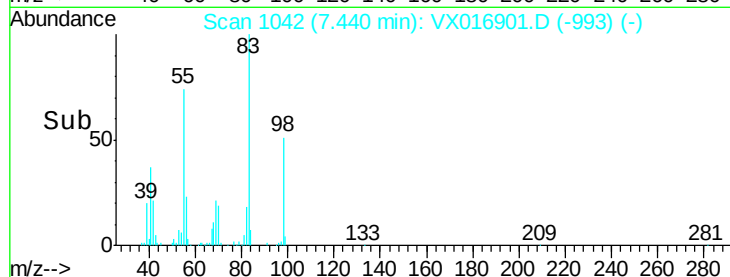
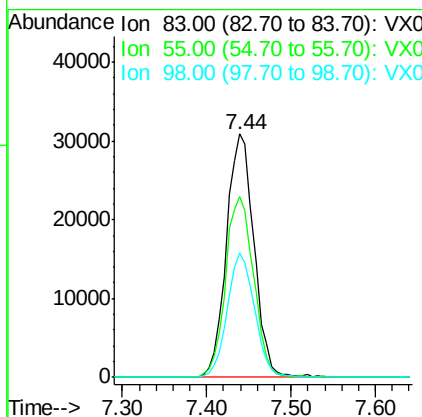
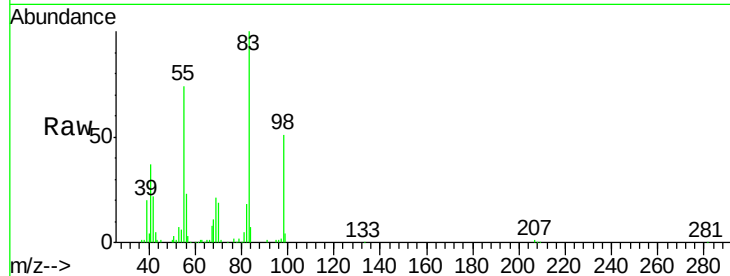
#39
Methylvlcyclohexane
Concen: 14.165 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX016901.D
Acq: 20 Jun 2020 02:29

Instrument :
MSVOA_X
ClientSampleId :
VX0619WBS02

Tot Ion	Ratio	Lower	Upper
83	100		
55	74.3	61.7	92.5
98	51.1	39.0	58.6

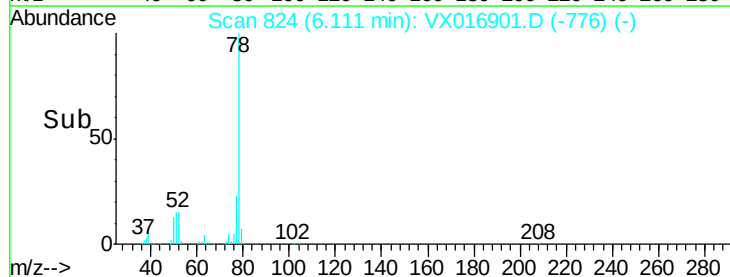
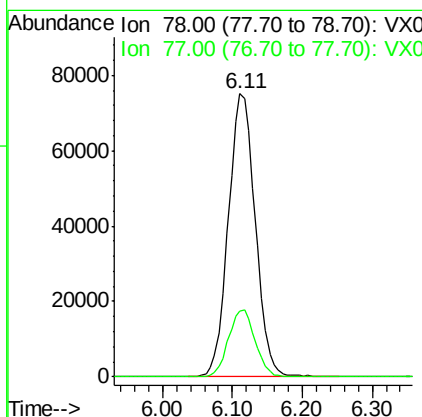
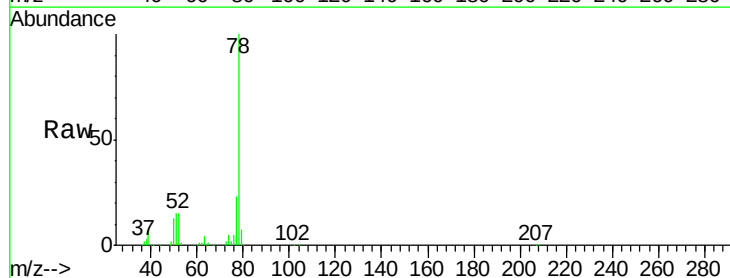
Manual Integrations
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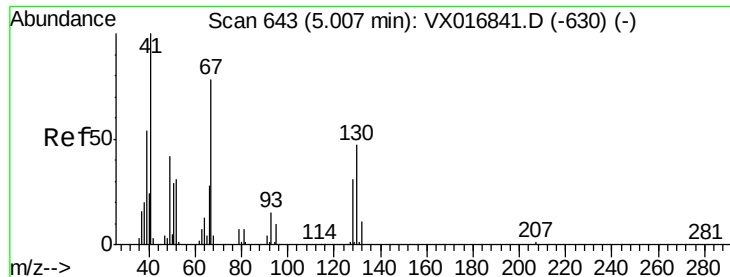
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#40
Benzene
Concen: 16.075 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.01 min
Lab File: VX016901.D
Acq: 20 Jun 2020 02:29

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.1	18.6	27.8





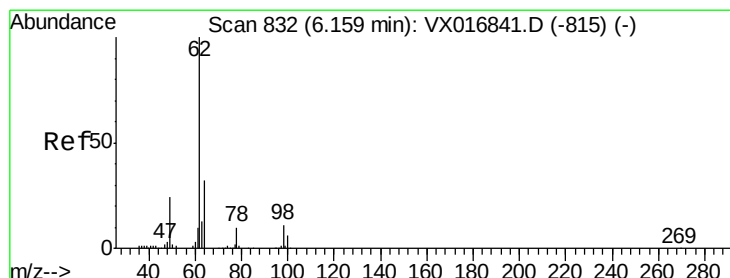
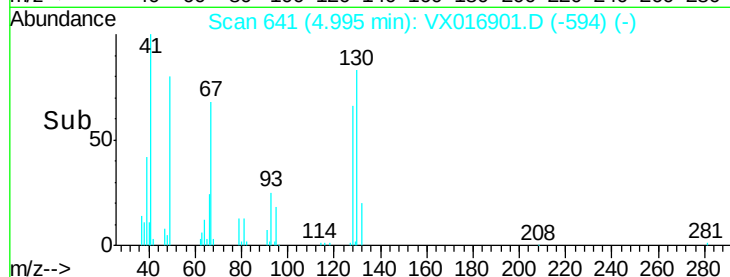
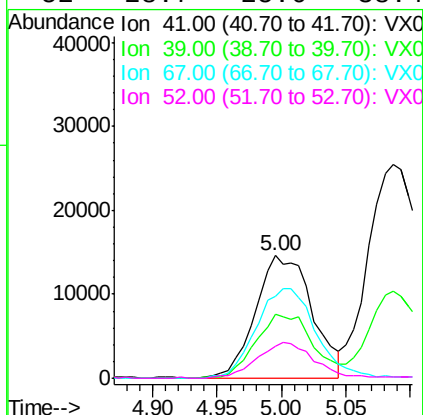
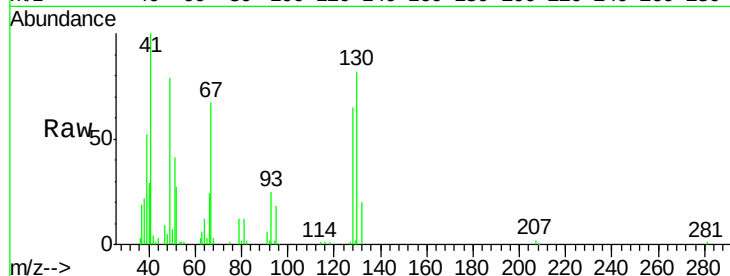
#41
Methacrylonitrile
Concen: 22.336 ug/l
RT: 5.00 min Scan# 641
Delta R.T. -0.01 min
Lab File: VX016901.D
Acq: 20 Jun 2020 02:29

Instrument :
MSVOA_X
ClientSampleId :
VX0619WBS02

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	54.0	42.6	64.0	
67	77.3	64.2	96.2	
52	28.7	25.6	38.4	

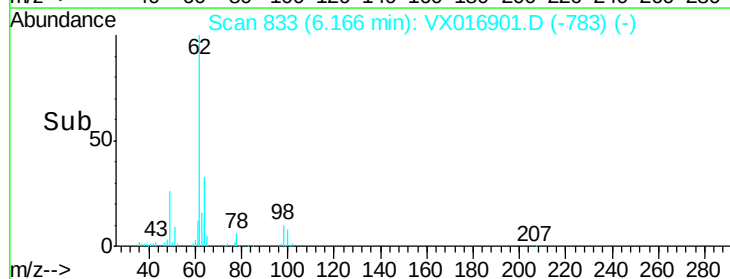
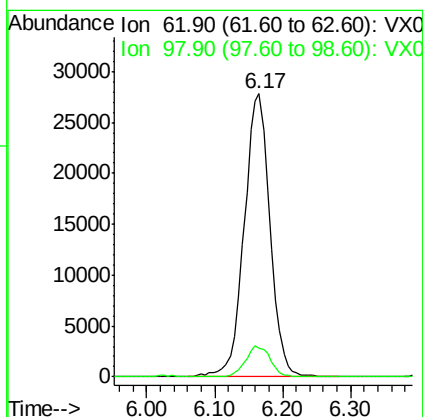
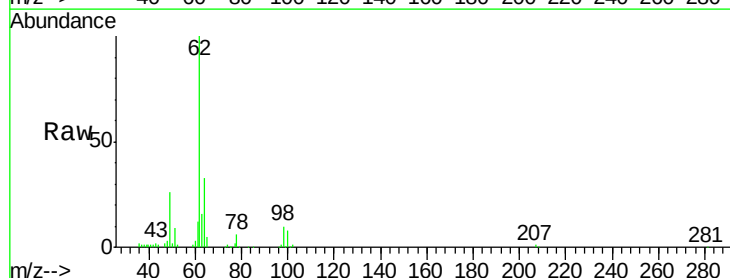
Manual Integrations
APPROVED

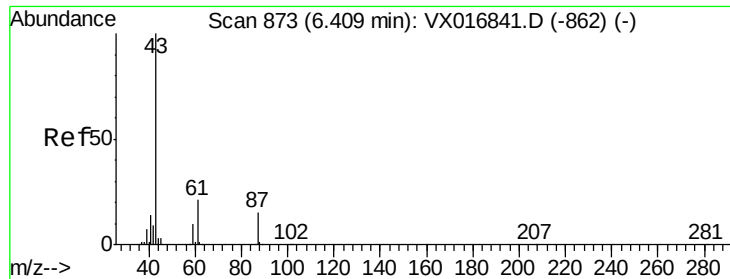
MMDadoda
6/22/2020 12:23:42 PM



#42
1,2-Dichloroethane
Concen: 16.503 ug/l
RT: 6.17 min Scan# 833
Delta R.T. 0.01 min
Lab File: VX016901.D
Acq: 20 Jun 2020 02:29

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.5	0.0	20.8	





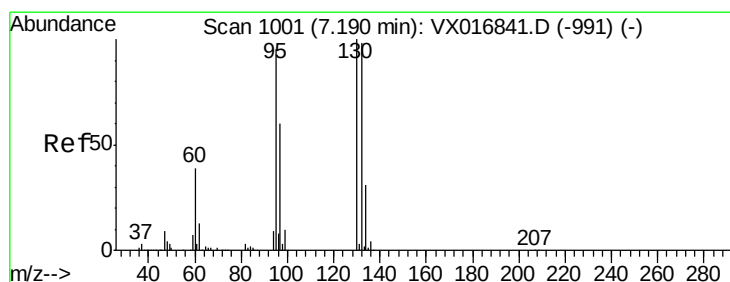
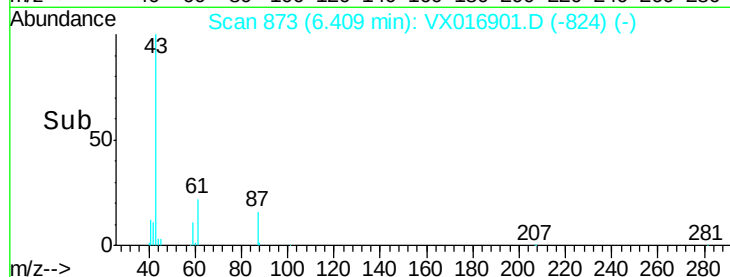
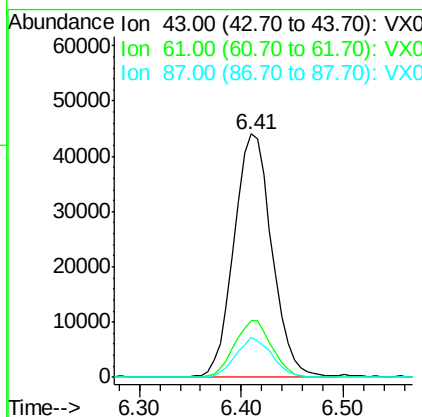
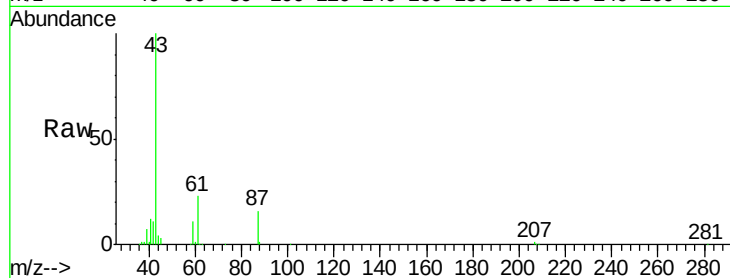
#43
Isopropyl Acetate
Concen: 17.695 ug/l
RT: 6.41 min Scan# 873
Delta R.T. -0.00 min
Lab File: VX016901.D
Acq: 20 Jun 2020 02:29

Instrument :
MSVOA_X
ClientSampleId :
VX0619WBS02

Tot Ion	Ratio	Lower	Upper
43	100		
61	23.0	17.9	26.9
87	15.6	12.4	18.6

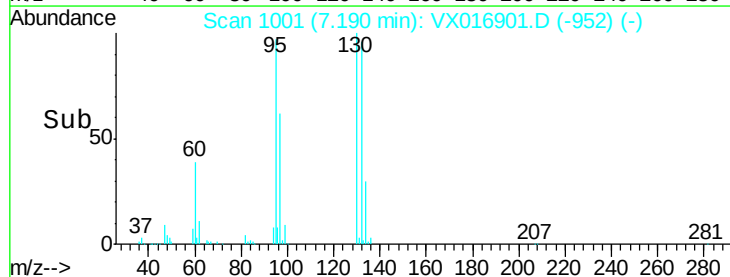
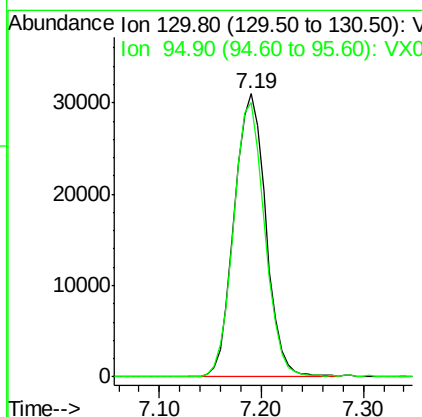
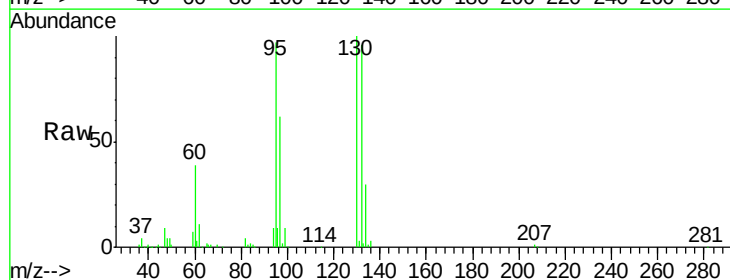
Manual Integrations
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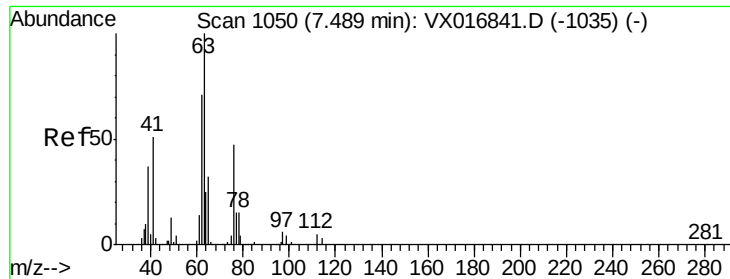
MMDadoda
6/22/2020 12:23:42 PM



#44
Trichloroethene
Concen: 17.390 ug/l
RT: 7.19 min Scan# 1001
Delta R.T. -0.00 min
Lab File: VX016901.D
Acq: 20 Jun 2020 02:29

Tgt Ion	Ratio	Lower	Upper
130	100		
95	97.0	0.0	190.8





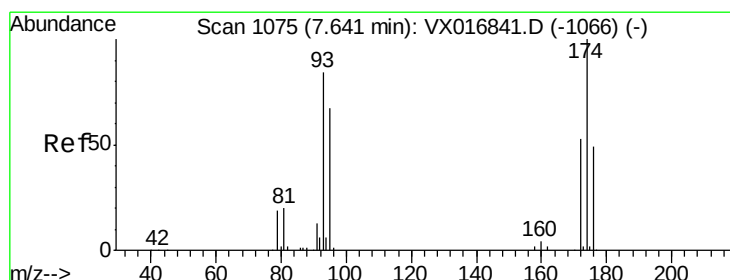
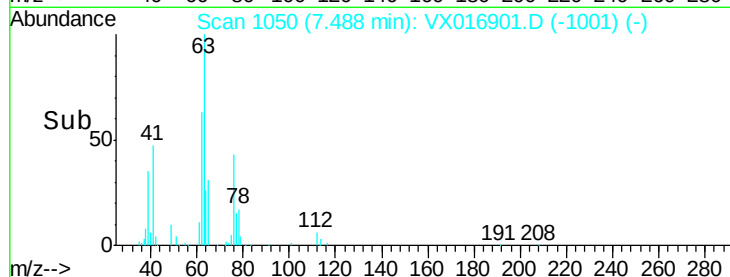
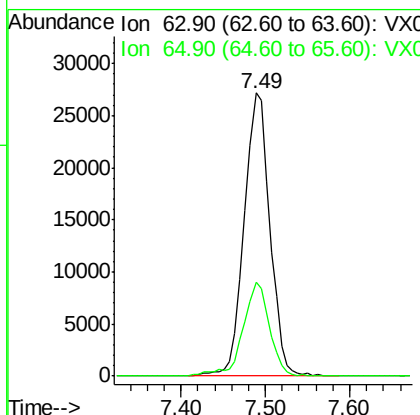
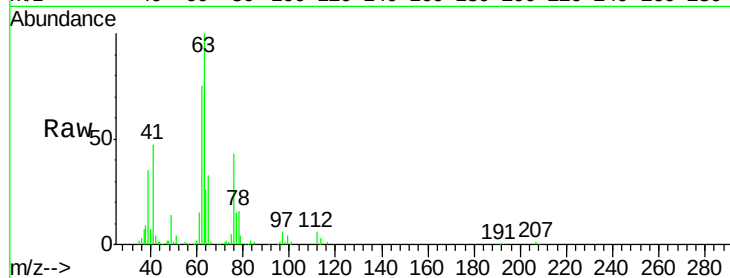
#45
 1,2-Dichloropropane
 Concen: 17.738 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VX016901.D
 Acq: 20 Jun 2020 02:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0619WBS02

Tot Ion	Ratio	Lower	Upper
63	100		
65	33.0	25.8	38.8

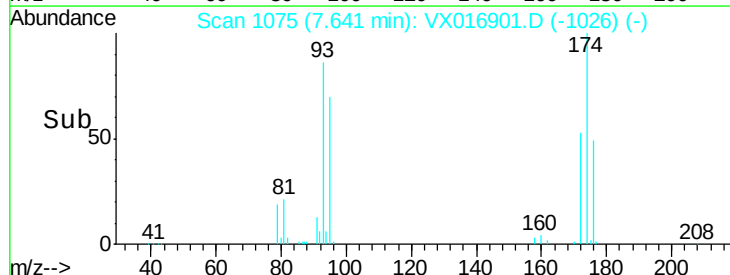
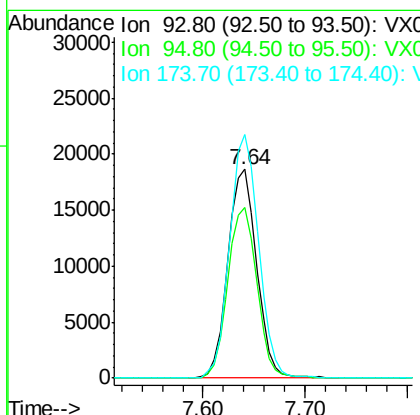
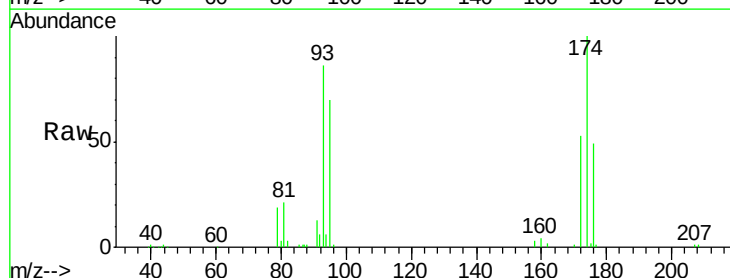
Manual Integrations
 APPROVED

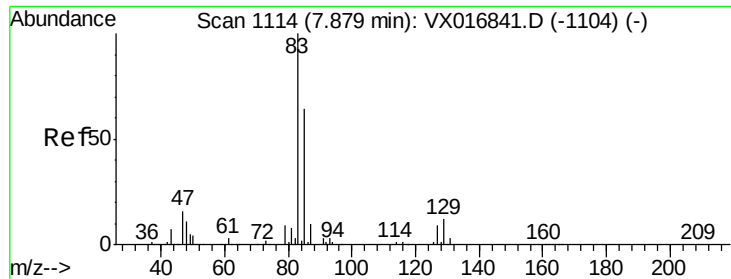
MMDadoda
 6/22/2020 12:23:42 PM



#46
 Dibromomethane
 Concen: 17.109 ug/l
 RT: 7.64 min Scan# 1075
 Delta R.T. -0.00 min
 Lab File: VX016901.D
 Acq: 20 Jun 2020 02:29

Tgt Ion	Ratio	Lower	Upper
93	100		
95	82.7	65.7	98.5
174	117.0	92.8	139.2





#47

Bromodichloromethane

Concen: 16.334 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX016901.D

Acq: 20 Jun 2020 02:29

Instrument :

MSVOA_X

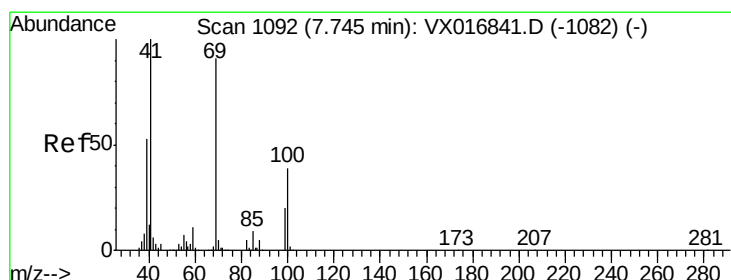
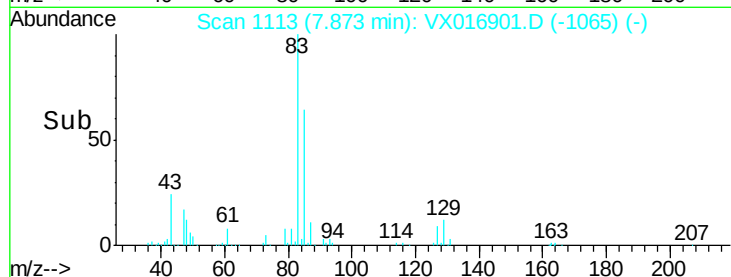
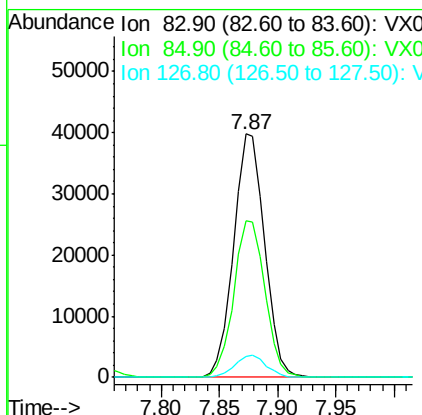
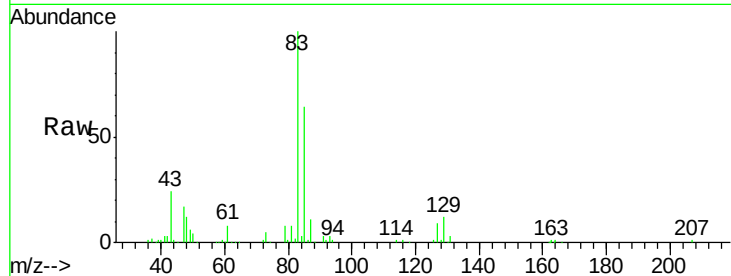
ClientSampleId :

VX0619WBS02

Tot Ion:	83	Resp:	74115
Ion	Ratio	Lower	Upper
83	100		
85	64.1	50.9	76.3
127	8.5	7.4	11.0

Manual Integrations
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#48

Methyl methacrylate

Concen: 17.611 ug/l

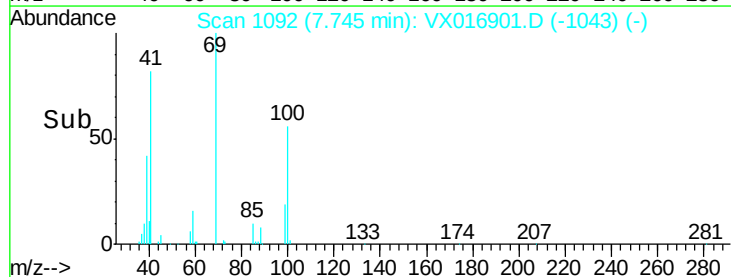
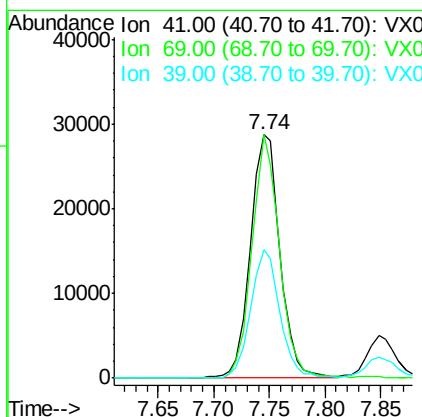
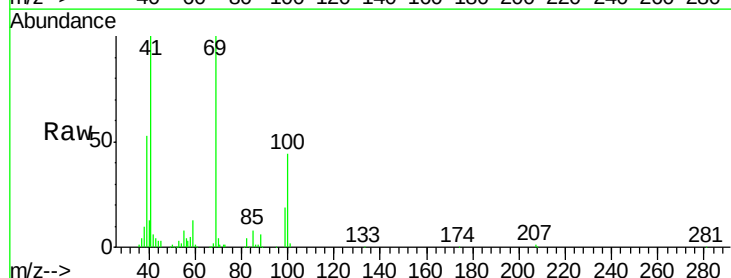
RT: 7.74 min Scan# 1092

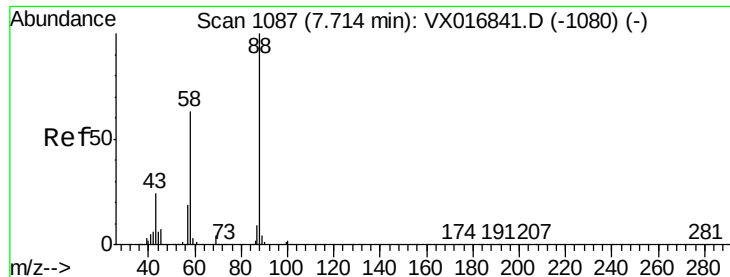
Delta R.T. -0.00 min

Lab File: VX016901.D

Acq: 20 Jun 2020 02:29

Tgt Ion:	41	Resp:	53363
Ion	Ratio	Lower	Upper
41	100		
69	92.7	73.3	109.9
39	51.8	42.4	63.6





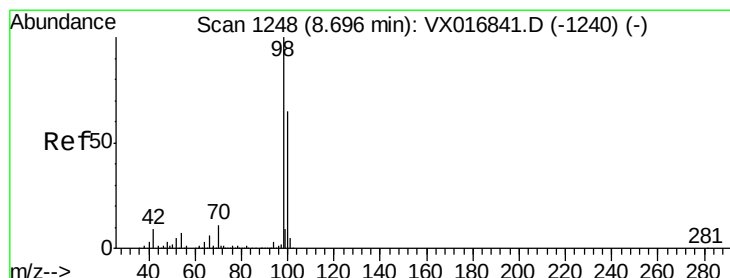
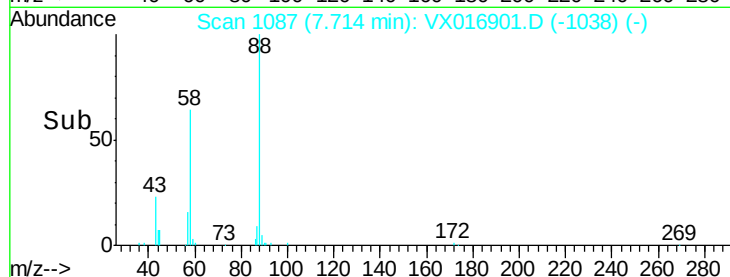
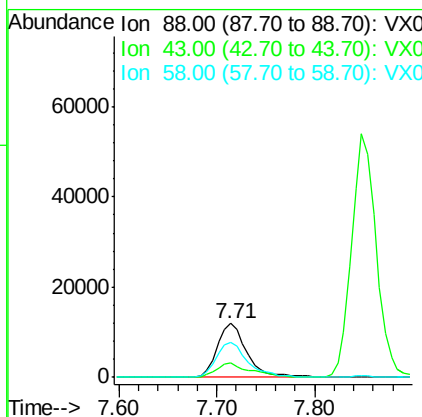
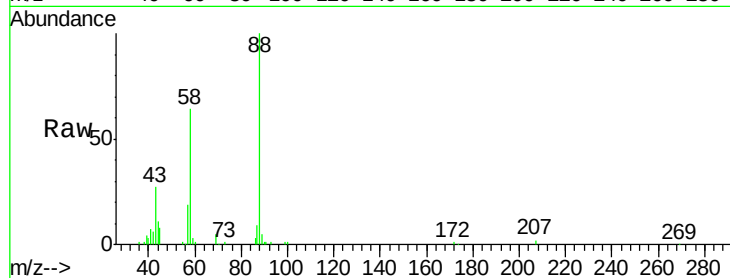
#49
1,4-Dioxane
Concen: 375.010 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. -0.00 min
Lab File: VX016901.D
Acq: 20 Jun 2020 02:29

Instrument :
MSVOA_X
ClientSampleId :
VX0619WBS02

Tot Ion	Ratio	Lower	Upper
88	100		
43	28.2	22.7	34.1
58	67.2	53.1	79.7

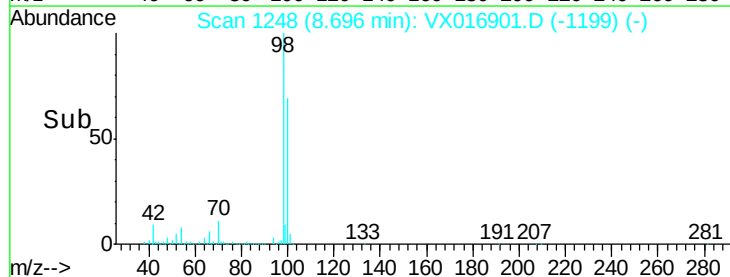
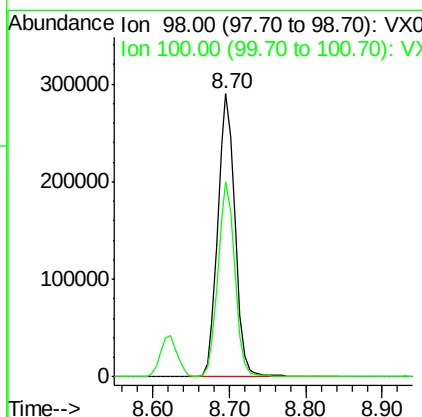
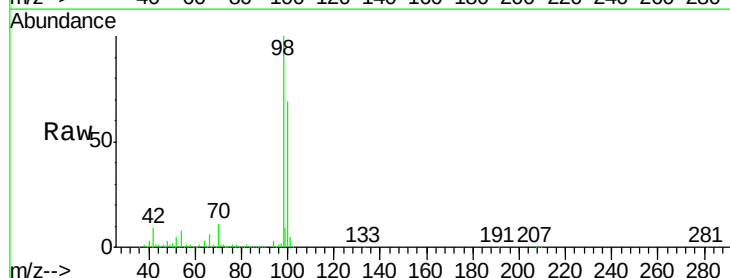
Manual Integrations
APPROVED

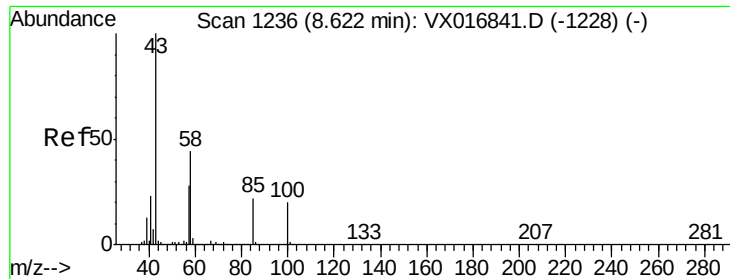
MMDadoda
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#50
Toluene-d8
Concen: 39.177 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX016901.D
Acq: 20 Jun 2020 02:29

Tgt Ion	Ratio	Lower	Upper
98	100		
100	67.4	54.0	81.0





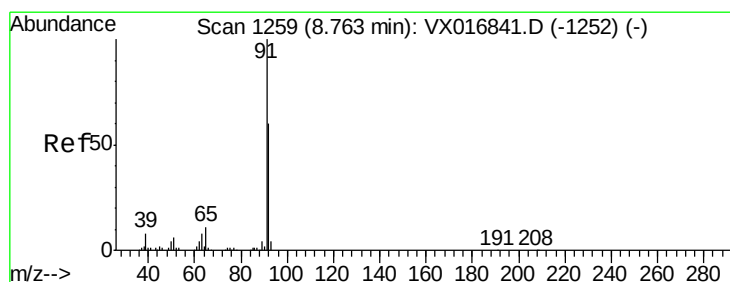
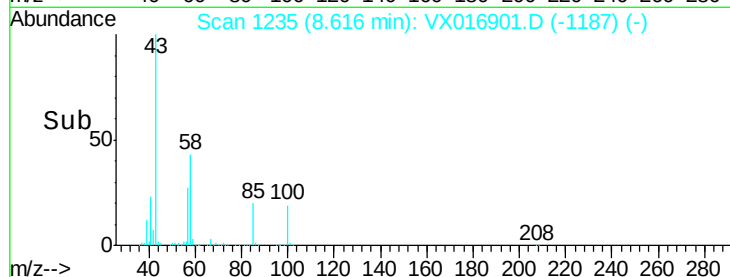
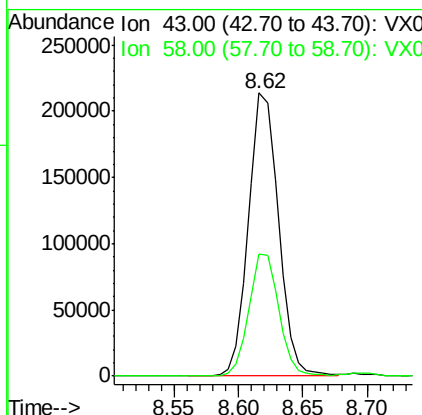
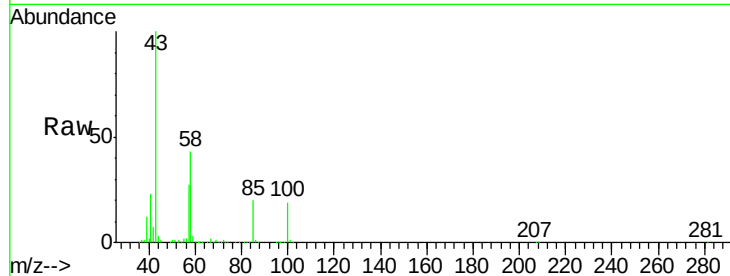
#51
4-Methyl-2-Pentanone
Concen: 88.713 ug/l
RT: 8.62 min Scan# 1235
Delta R.T. -0.01 min
Lab File: VX016901.D
Acq: 20 Jun 2020 02:29

Instrument :
MSVOA_X
ClientSampleId :
VX0619WBS02

Tot Ion	Ratio	Lower	Upper
43	100		
58	43.0	34.3	51.5

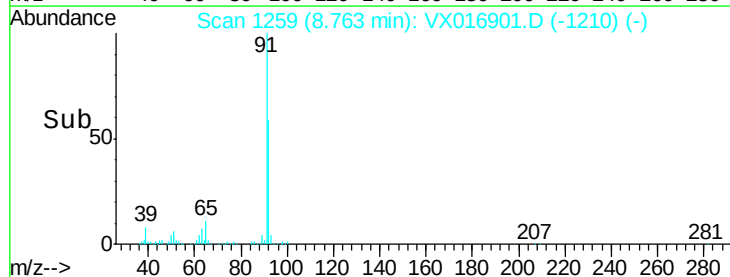
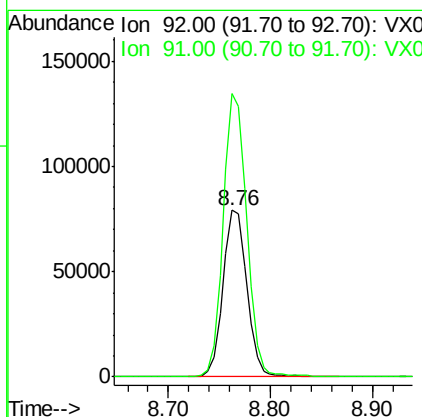
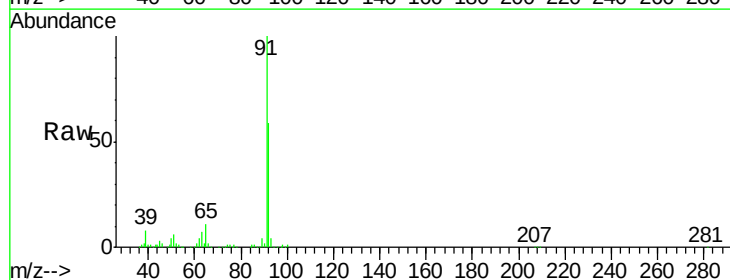
Manual Integrations
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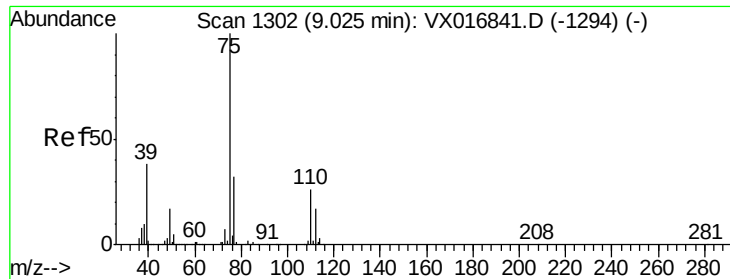
MMDadoda
6/22/2020 12:23:42 PM



#52
Toluene
Concen: 15.626 ug/l
RT: 8.76 min Scan# 1259
Delta R.T. -0.00 min
Lab File: VX016901.D
Acq: 20 Jun 2020 02:29

Tgt Ion	Ratio	Lower	Upper
92	100		
91	166.8	134.2	201.2





#53

t-1,3-Dichloropropene

Concen: 16.414 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX016901.D

Acq: 20 Jun 2020 02:29

Instrument :

MSVOA_X

ClientSampleId :

VX0619WBS02

Tot Ion: 75 Resp: 81876

Ion Ratio Lower Upper

75 100

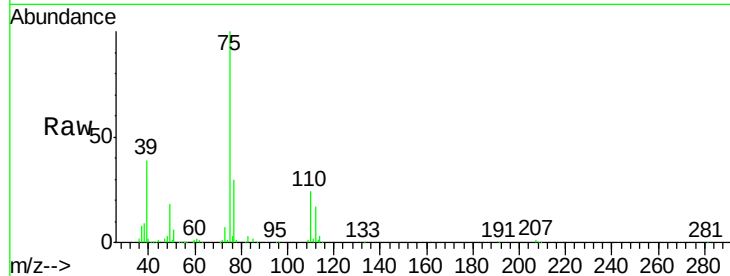
77 30.2 25.3 37.9

Manual Integrations

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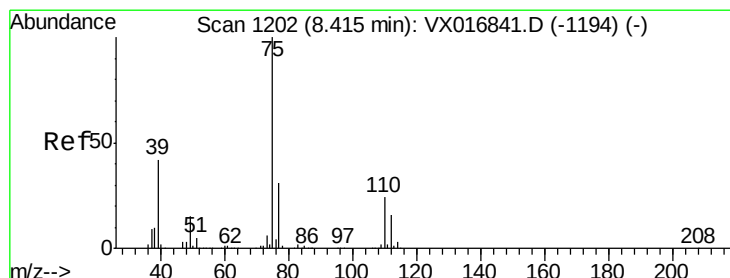
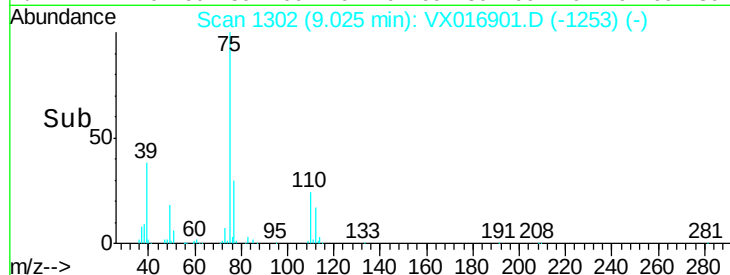
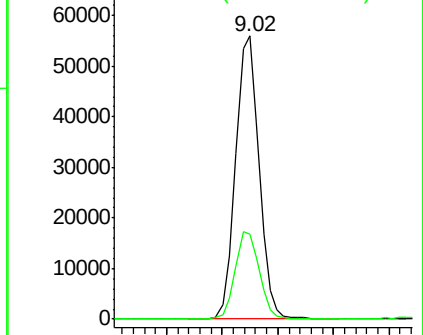
MMDadoda

6/22/2020 12:23:42 PM



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 16.254 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX016901.D

Acq: 20 Jun 2020 02:29

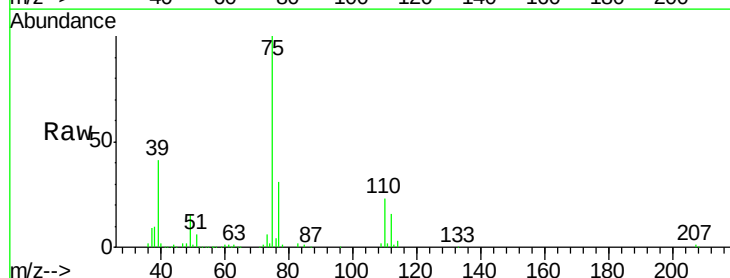
Tgt Ion: 75 Resp: 86741

Ion Ratio Lower Upper

75 100

77 30.7 24.9 37.3

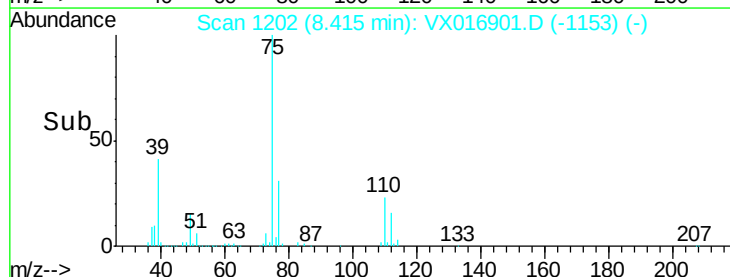
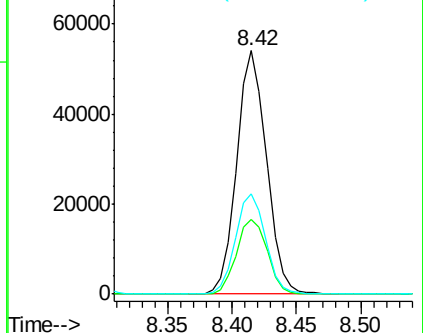
39 41.1 33.4 50.0

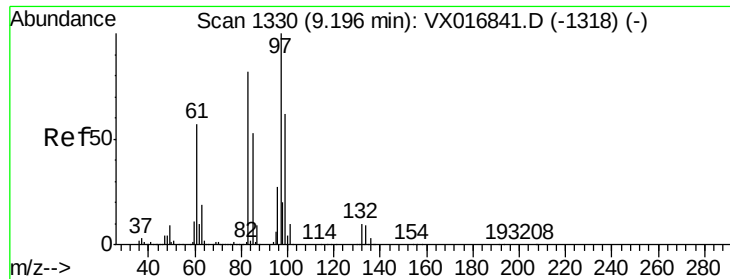


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0





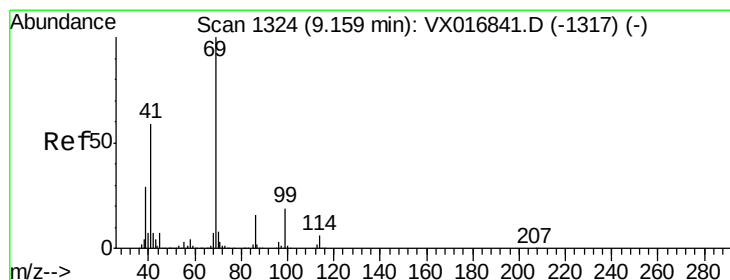
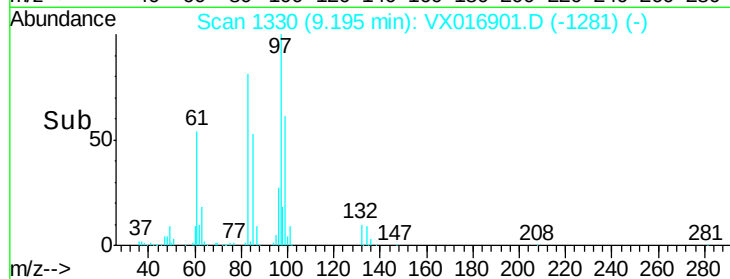
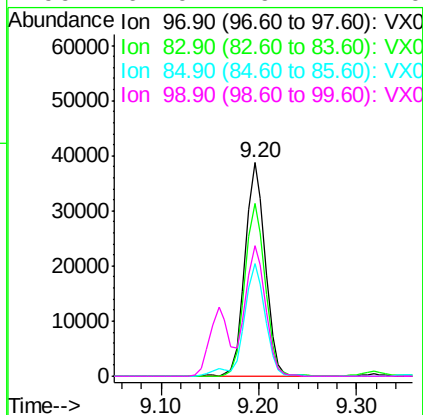
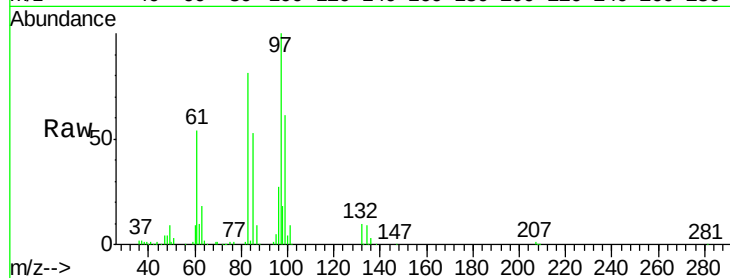
#55
 1,1,2-Trichloroethane
 Concen: 17.856 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX016901.D
 Acq: 20 Jun 2020 02:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0619WBS02

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		55967		
83	81.1	65.5	98.3		
85	53.0	42.6	63.8		
99	61.0	49.4	74.0		

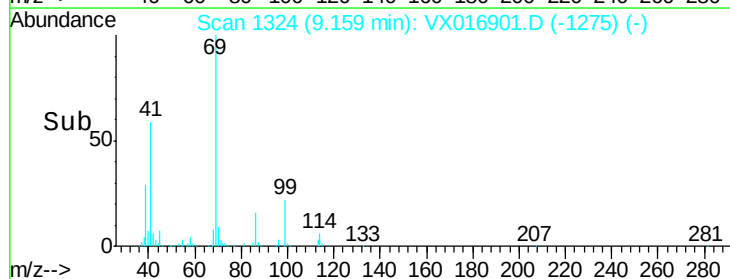
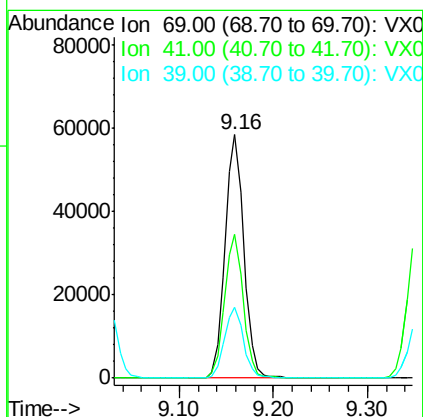
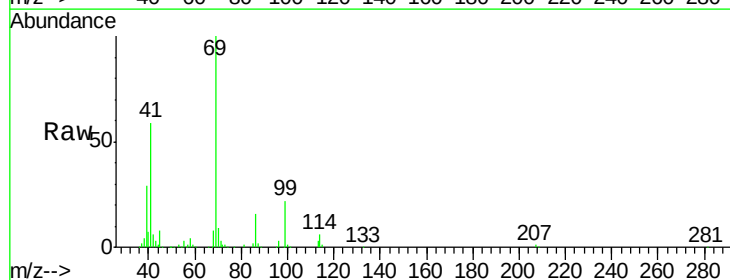
Manual Integrations
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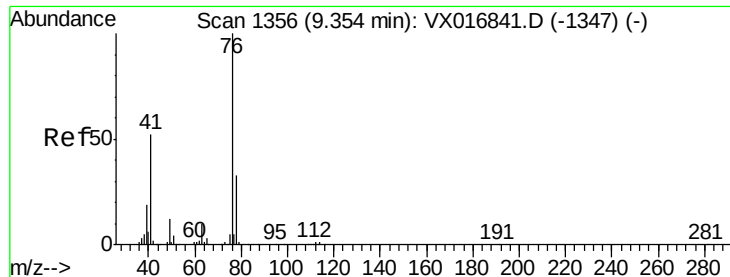
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 6/22/2020 12:23:42 PM



#56
 Ethyl methacrylate
 Concen: 17.842 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VX016901.D
 Acq: 20 Jun 2020 02:29

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		80957		
41	58.9	47.9	71.9		
39	29.5	24.2	36.4		





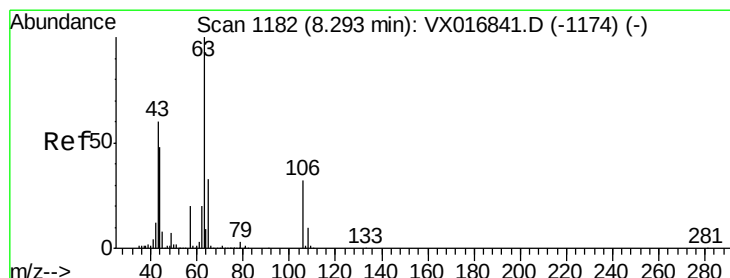
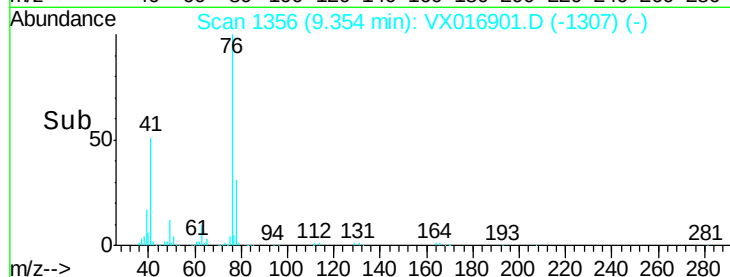
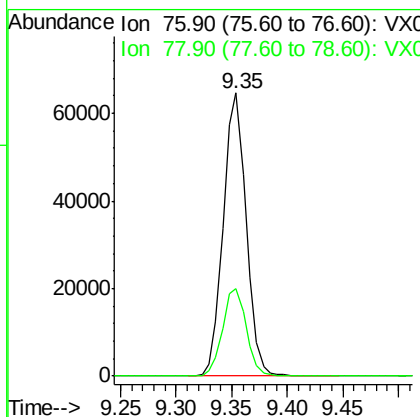
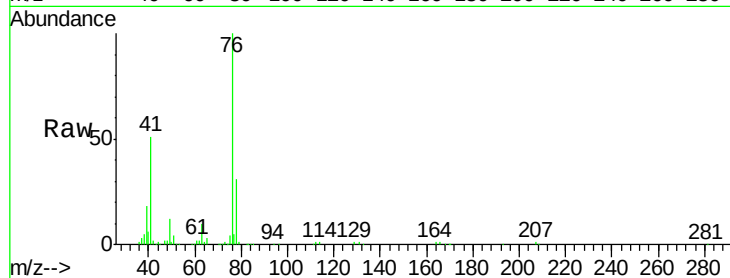
#57
 1,3-Dichloropropane
 Concen: 17.354 ug/l
 RT: 9.35 min Scan# 1356
 Delta R.T. -0.00 min
 Lab File: VX016901.D
 Acq: 20 Jun 2020 02:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0619WBS02

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.2	25.8	38.6

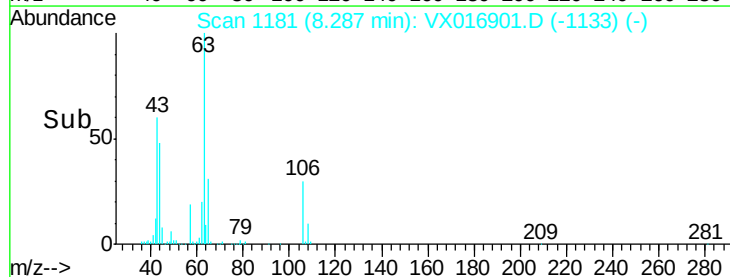
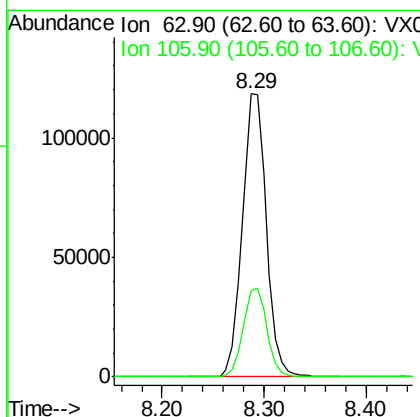
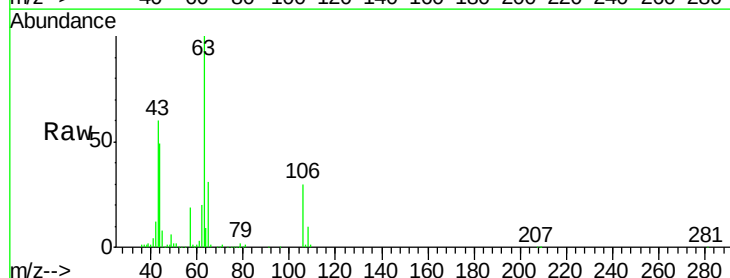
Manual Integrations
 APPROVED

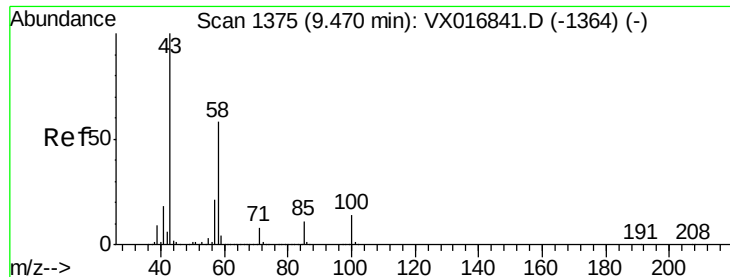
MMDadoda
 6/22/2020 12:23:42 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 91.368 ug/l
 RT: 8.29 min Scan# 1181
 Delta R.T. -0.01 min
 Lab File: VX016901.D
 Acq: 20 Jun 2020 02:29

Tgt Ion	Ratio	Lower	Upper
63	100		
106	31.2	25.8	38.6





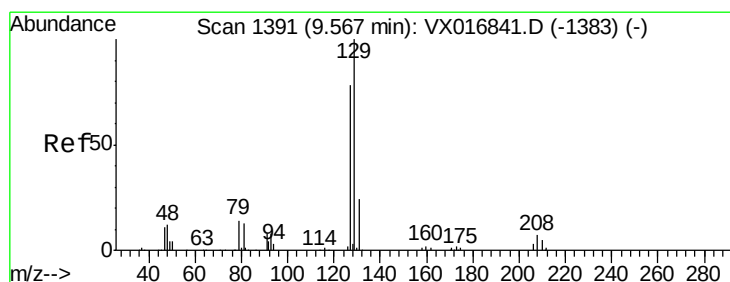
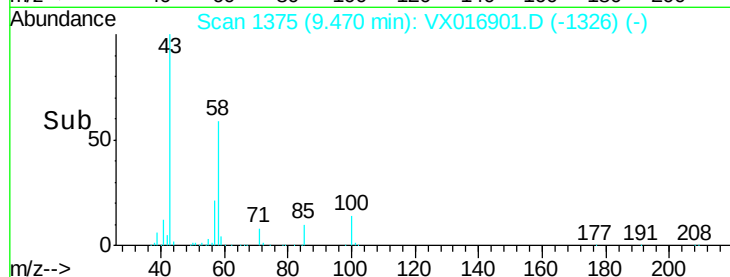
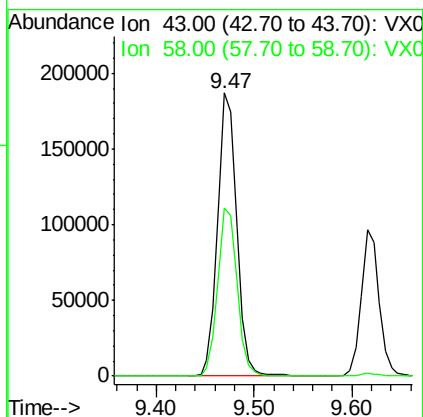
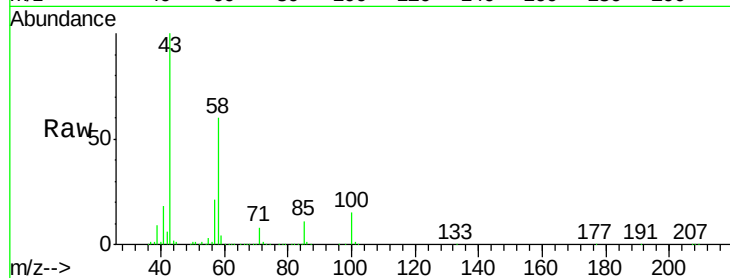
#59
2-Hexanone
Concen: 90.951 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. 0.00 min
Lab File: VX016901.D
Acq: 20 Jun 2020 02:29

Instrument :
MSVOA_X
ClientSampleId :
VX0619WBS02

Tot Ion: 43 Resp: 254916
Ion Ratio Lower Upper
43 100
58 60.3 29.8 89.4

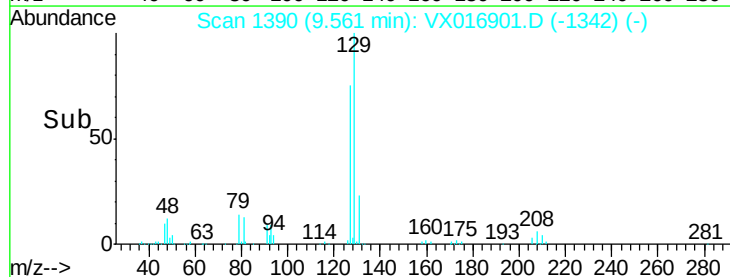
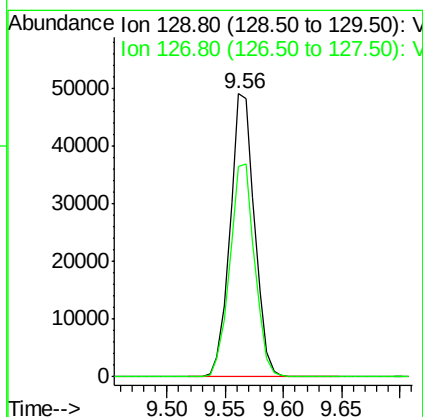
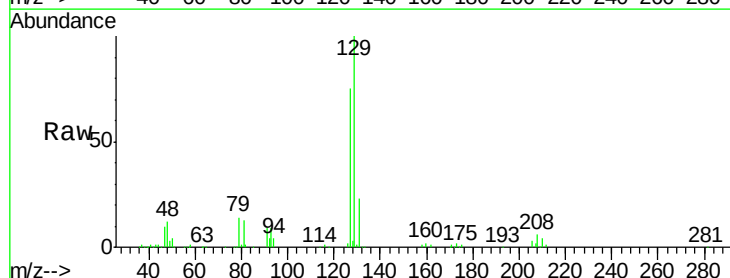
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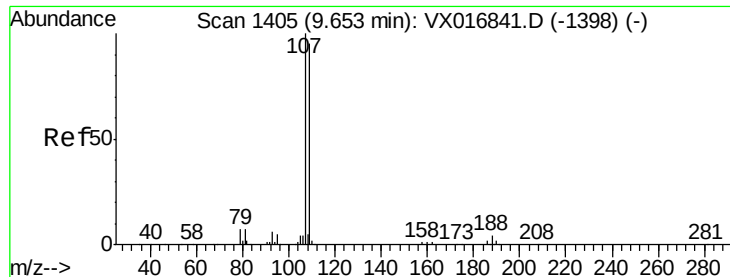
MMDadoda
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#60
Dibromochloromethane
Concen: 19.108 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. -0.01 min
Lab File: VX016901.D
Acq: 20 Jun 2020 02:29

Tgt Ion: 129 Resp: 71848
Ion Ratio Lower Upper
129 100
127 76.7 38.5 115.5





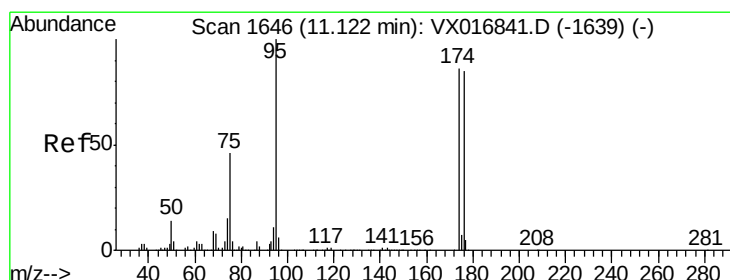
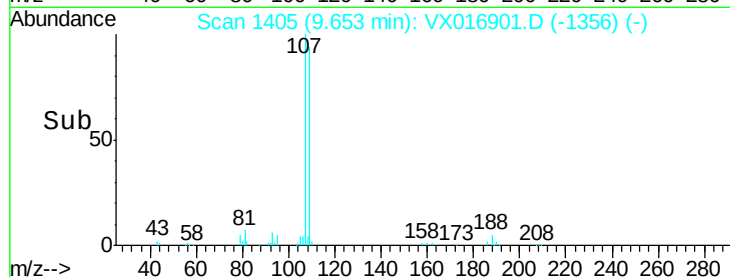
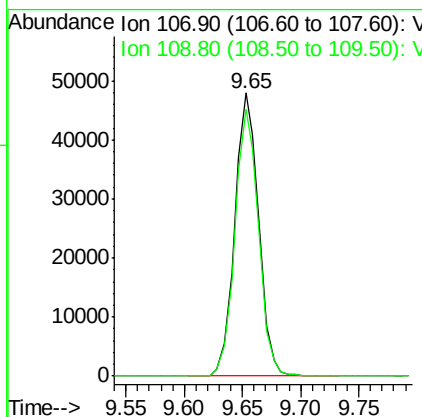
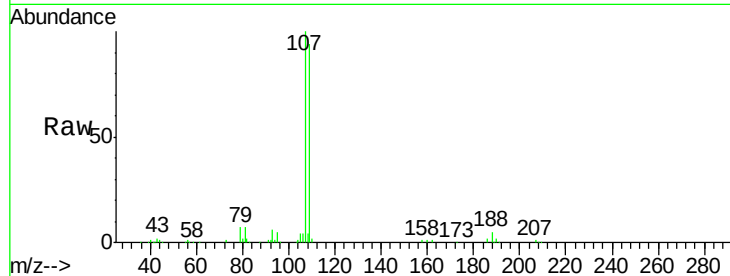
#61
 1,2-Dibromoethane
 Concen: 20.032 ug/l
 RT: 9.65 min Scan# 1405
 Delta R.T. -0.00 min
 Lab File: VX016901.D
 Acq: 20 Jun 2020 02:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0619WBS02

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.0	75.4	113.0

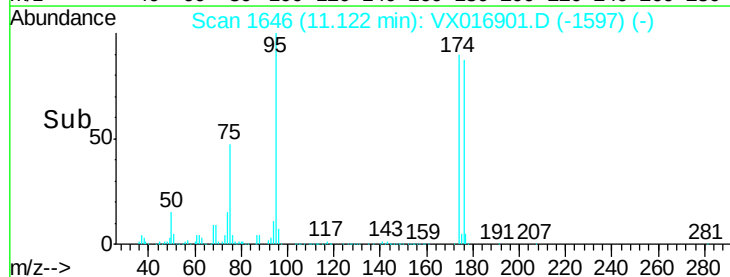
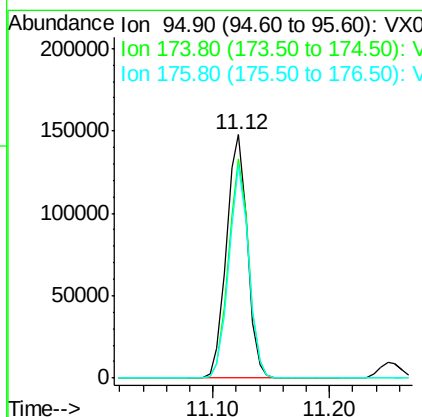
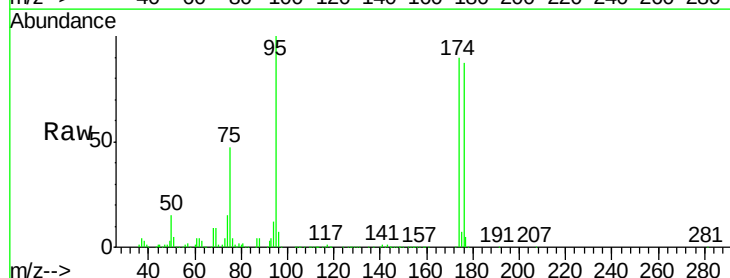
Manual Integrations
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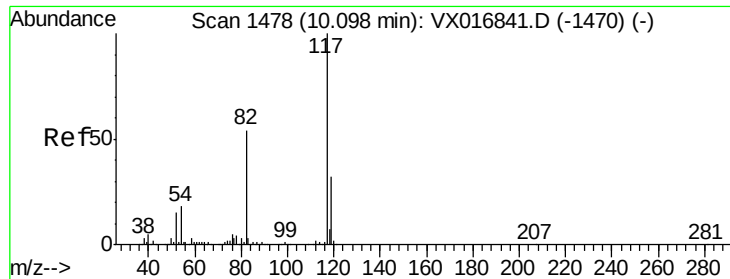
MMDadoda
 6/22/2020 12:23:42 PM



#62
 4-Bromofluorobenzene
 Concen: 41.477 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. -0.00 min
 Lab File: VX016901.D
 Acq: 20 Jun 2020 02:29

Tgt Ion	Ratio	Lower	Upper
95	100		
174	87.1	0.0	174.2
176	83.4	0.0	170.0





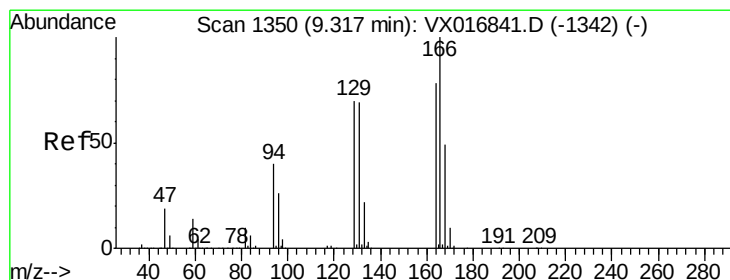
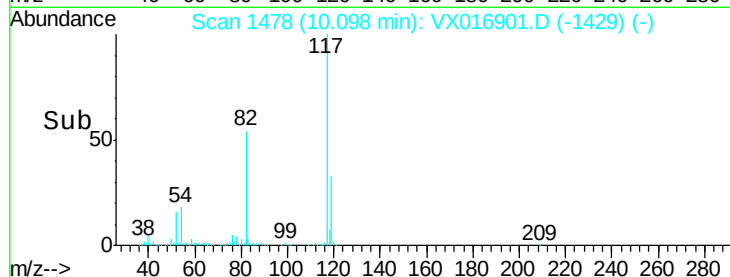
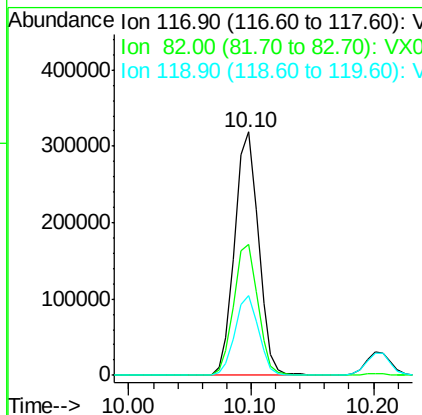
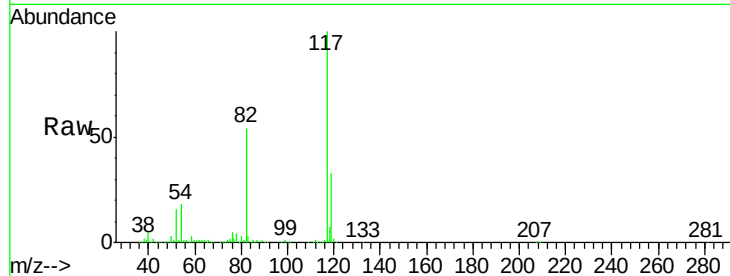
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016901.D
Acq: 20 Jun 2020 02:29

Instrument :
MSVOA_X
ClientSampleId :
VX0619WBS02

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.0	43.4	65.0
119	32.6	25.7	38.5

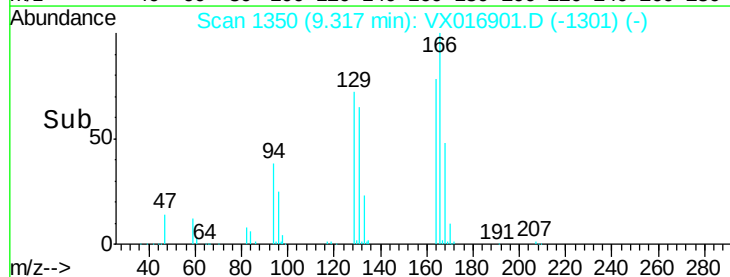
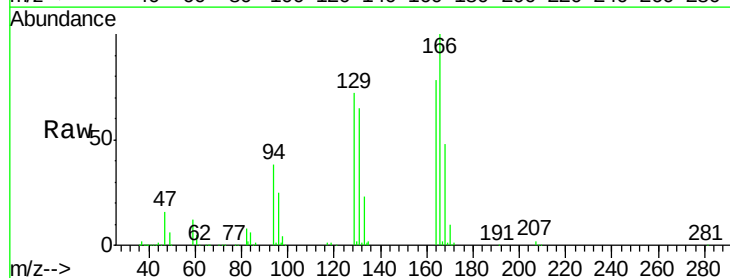
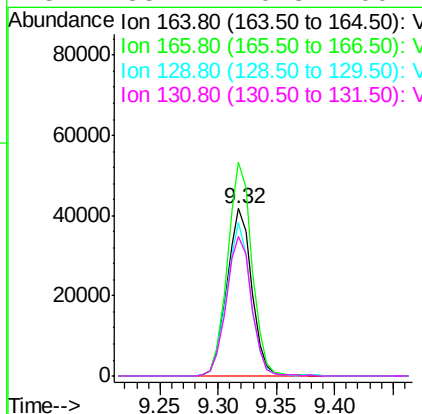
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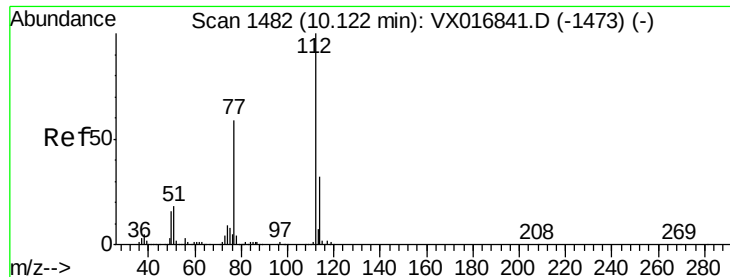
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#64
Tetrachloroethene
Concen: 15.501 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX016901.D
Acq: 20 Jun 2020 02:29

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.4	102.6	153.8
129	91.5	72.2	108.2
131	83.2	70.8	106.2





#65

Chlorobenzene

Concen: 18.589 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX016901.D

Acq: 20 Jun 2020 02:29

Instrument :

MSVOA_X

ClientSampled :

VX0619WBS02

Tot Ion:112 Resp: 161929

Ion Ratio Lower Upper

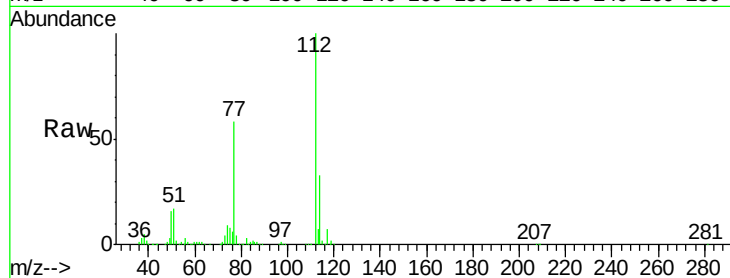
112 100

114 32.6 25.5 38.3

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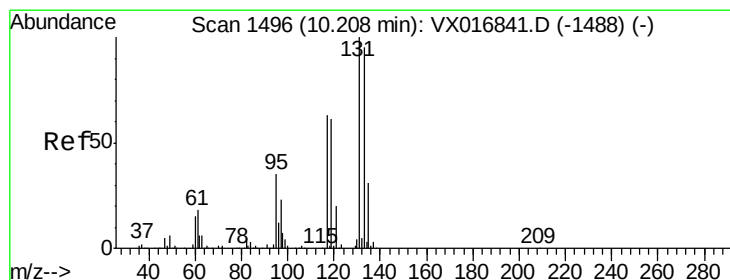
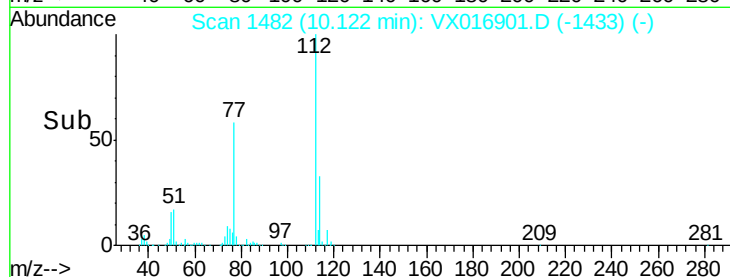
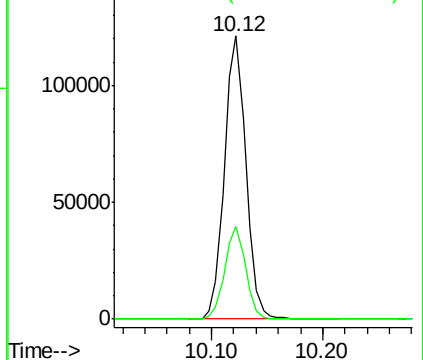
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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 19.034 ug/l

RT: 10.20 min Scan# 1495

Delta R.T. -0.01 min

Lab File: VX016901.D

Acq: 20 Jun 2020 02:29

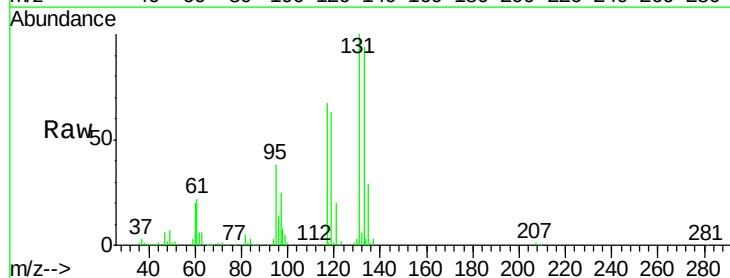
Tgt Ion:131 Resp: 64261

Ion Ratio Lower Upper

131 100

133 95.7 47.7 143.1

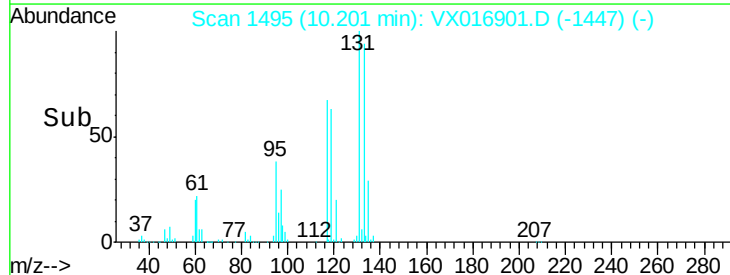
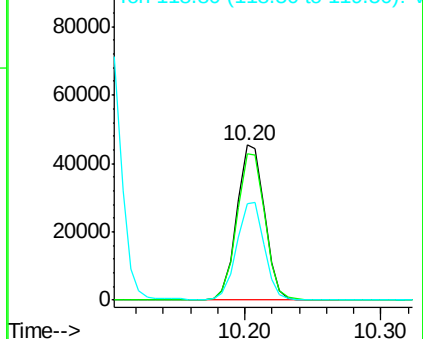
119 63.2 30.8 92.4

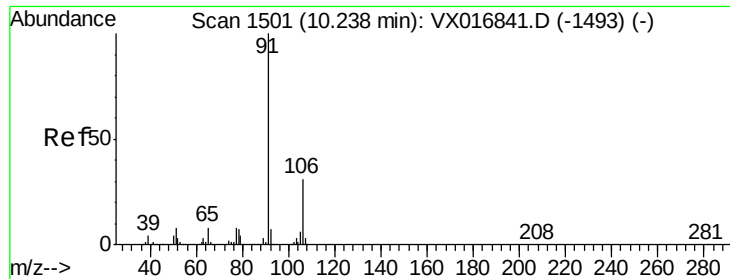


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 18.707 ug/l

RT: 10.23 min Scan# 1500

Delta R.T. -0.01 min

Lab File: VX016901.D

Acq: 20 Jun 2020 02:29

Instrument :

MSVOA_X

ClientSampled :

VX0619WBS02

Tot Ion: 91 Resp: 274941

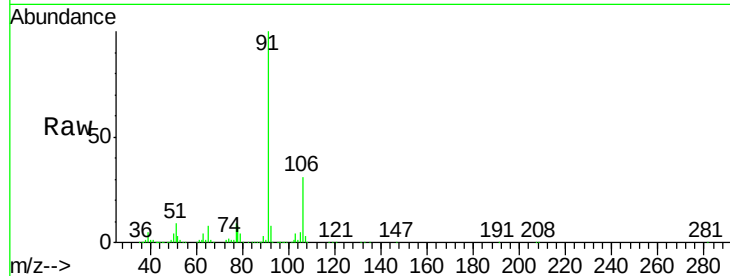
Ion Ratio Lower Upper

91 100

106 31.0 25.1 37.7

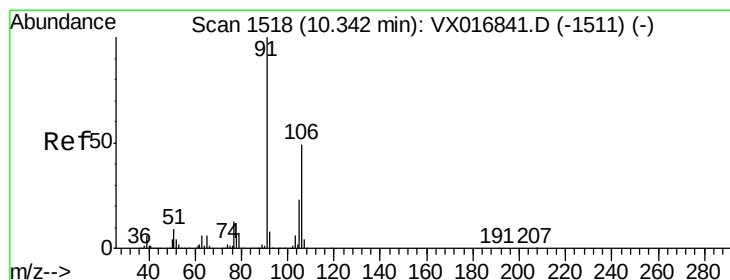
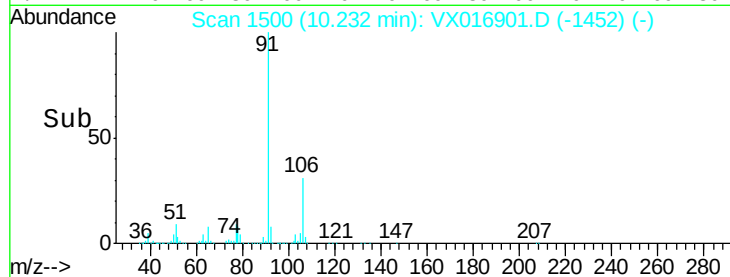
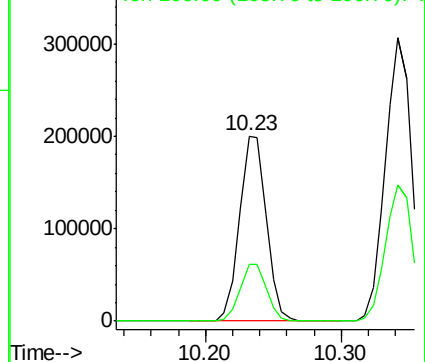
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Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 35.859 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX016901.D

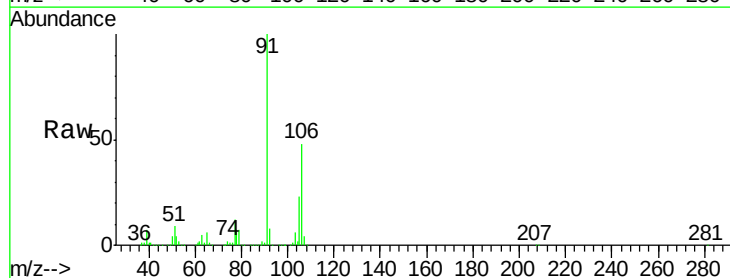
Acq: 20 Jun 2020 02:29

Tgt Ion: 106 Resp: 205089

Ion Ratio Lower Upper

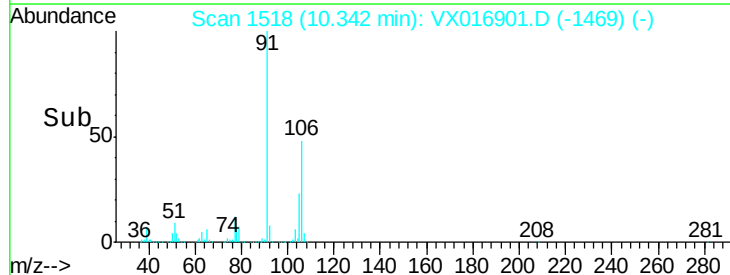
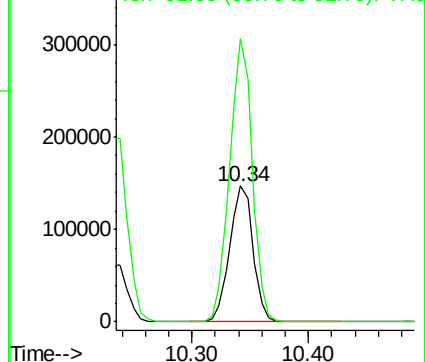
106 100

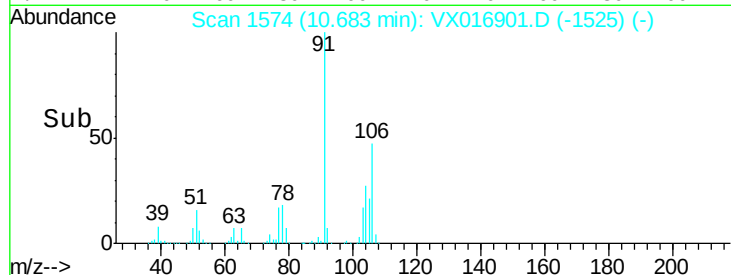
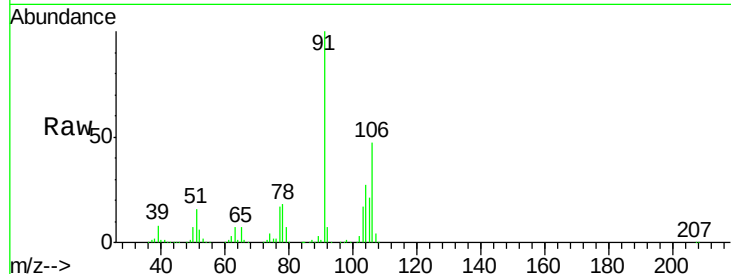
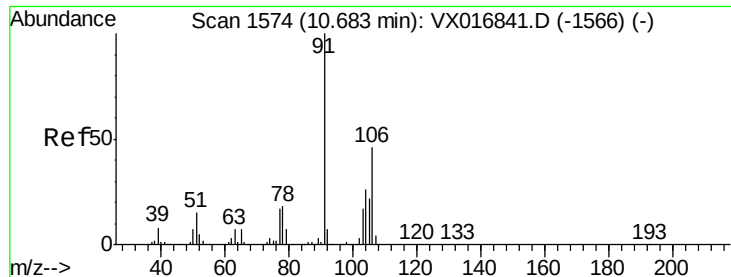
91 202.9 161.5 242.3



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





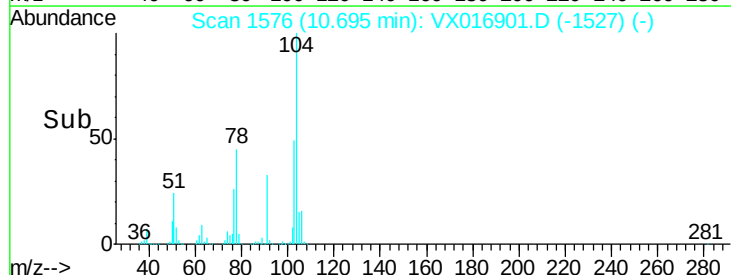
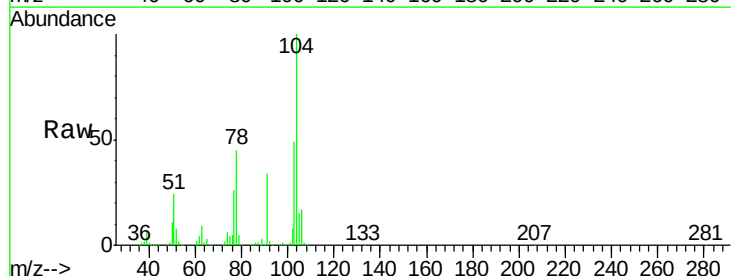
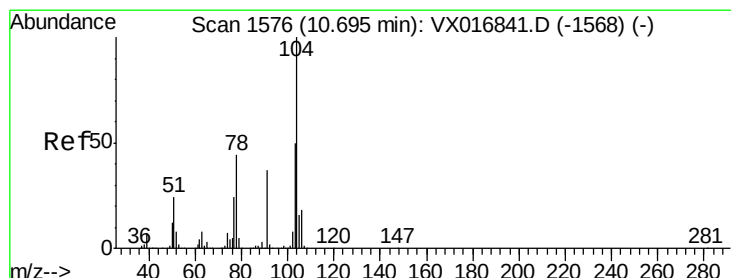
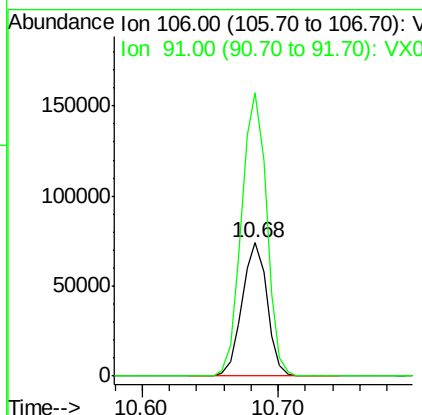
#69
o-Xylene
Concen: 18.007 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX016901.D
Acq: 20 Jun 2020 02:29

Tot Ion:106 Resp: 95227
Ion Ratio Lower Upper
106 100
91 214.0 107.9 323.7

Instrument :
MSVOA_X
ClientSampled :
VX0619WBS02

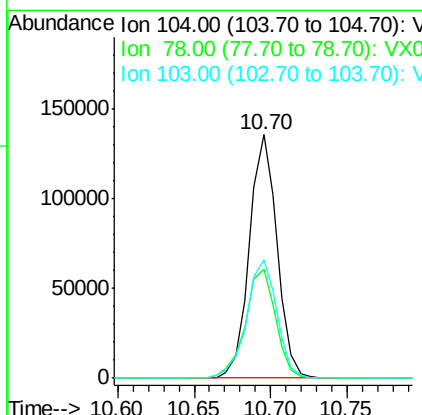
Manual Integrations
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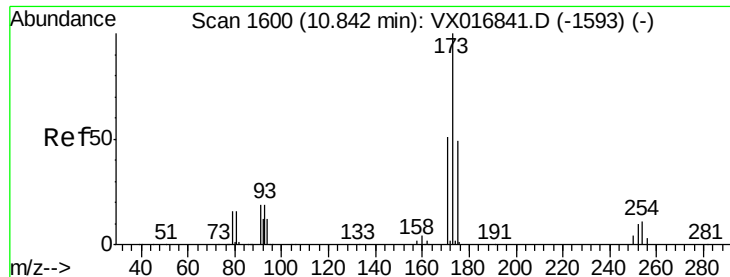
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#70
Styrene
Concen: 18.924 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX016901.D
Acq: 20 Jun 2020 02:29

Tgt Ion:104 Resp: 170045
Ion Ratio Lower Upper
104 100
78 49.2 39.6 59.4
103 53.1 43.3 64.9





#71

Bromoform

Concen: 17.900 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX016901.D

Acq: 20 Jun 2020 02:29

Instrument :

MSVOA_X

ClientSampleId :

VX0619WBS02

Tot Ion:173 Resp: 50807

Ion Ratio Lower Upper

173 100

175 49.5 24.3 73.0

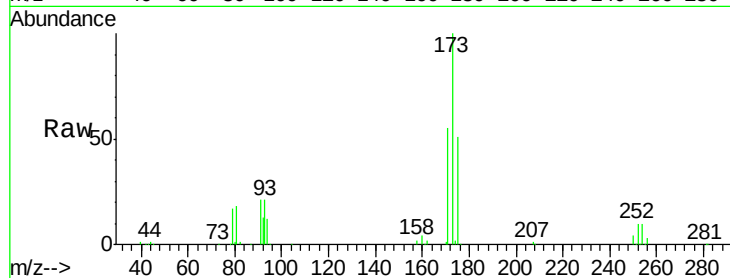
254 0.1 0.1 0.1#

Manual Integrations

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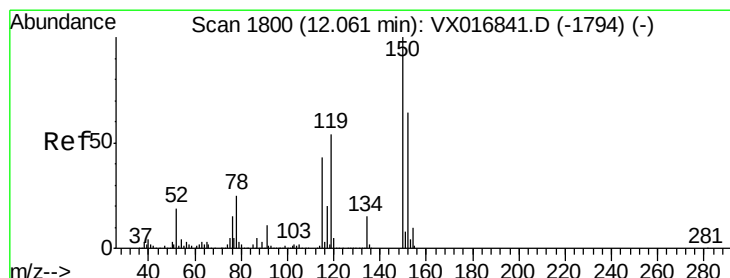
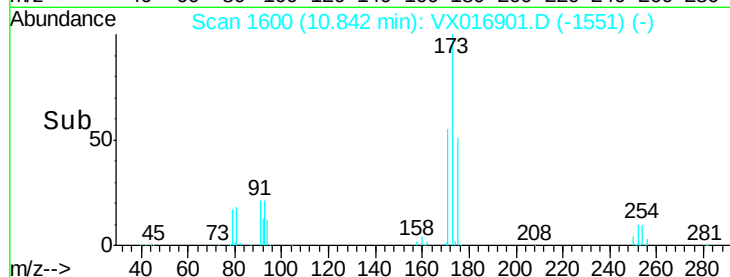
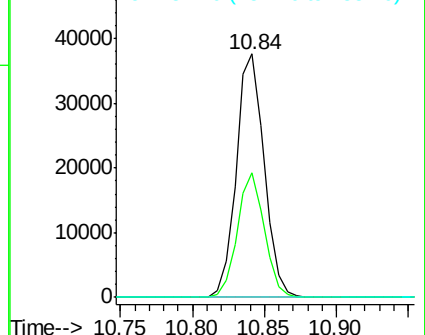
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Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX016901.D

Acq: 20 Jun 2020 02:29

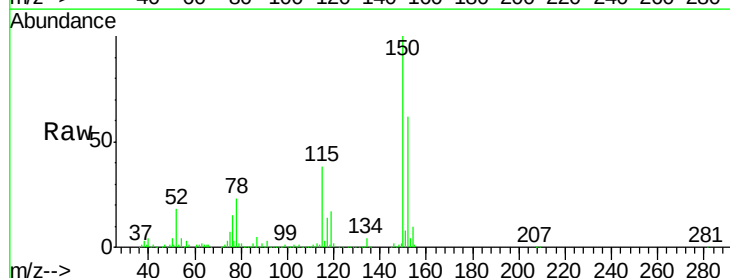
Tgt Ion:152 Resp: 187402

Ion Ratio Lower Upper

152 100

115 65.6 40.9 122.8

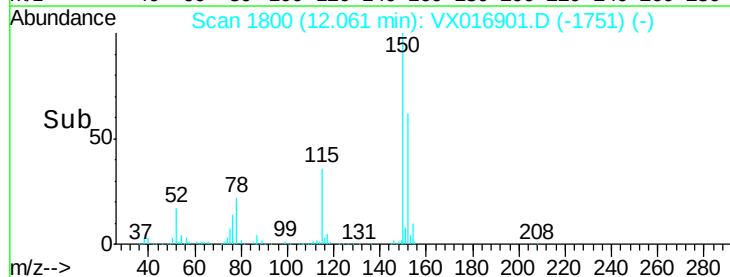
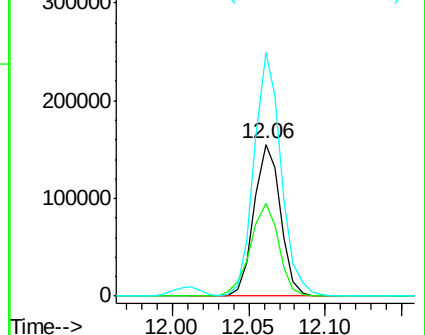
150 164.0 0.0 344.2

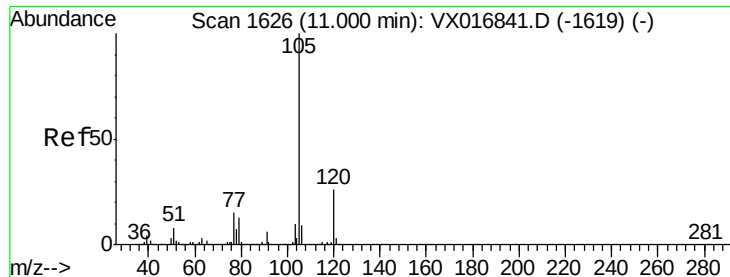


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.523 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX016901.D

Acq: 20 Jun 2020 02:29

Instrument :

MSVOA_X

ClientSampleId :

VX0619WBS02

Tot Ion: 105 Resp: 235563

Ion Ratio Lower Upper

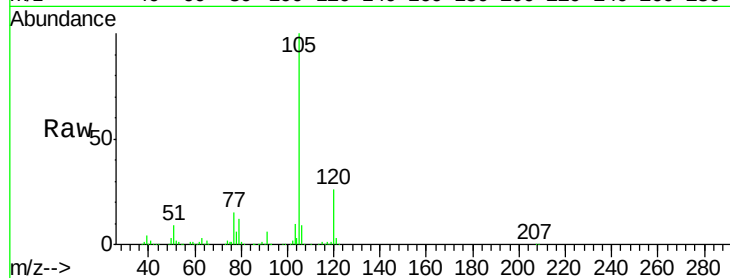
105 100

120 26.3 13.2 39.6

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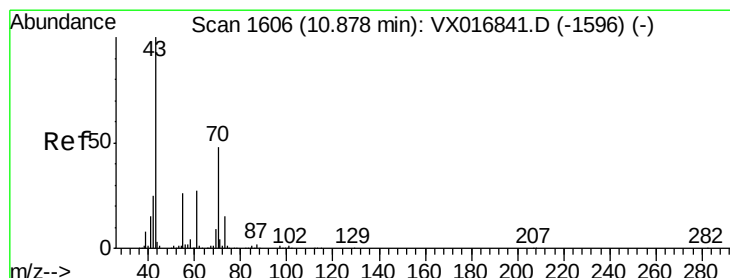
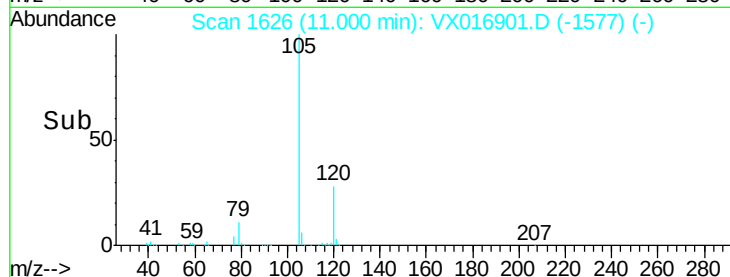
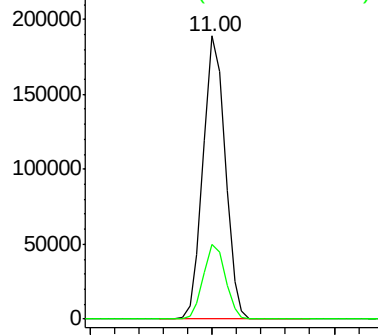
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 24.206 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX016901.D

Acq: 20 Jun 2020 02:29

Tgt Ion: 43 Resp: 101988

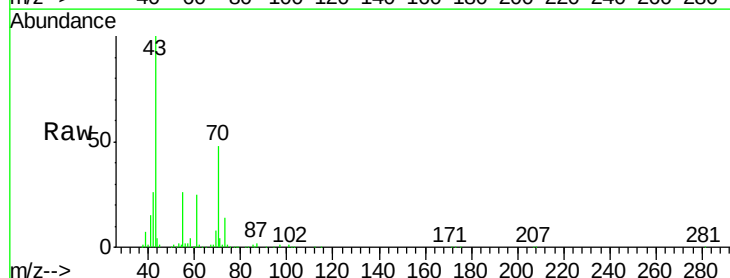
Ion Ratio Lower Upper

43 100

70 48.4 39.9 59.9

55 26.9 21.8 32.6

61 26.5 22.2 33.4

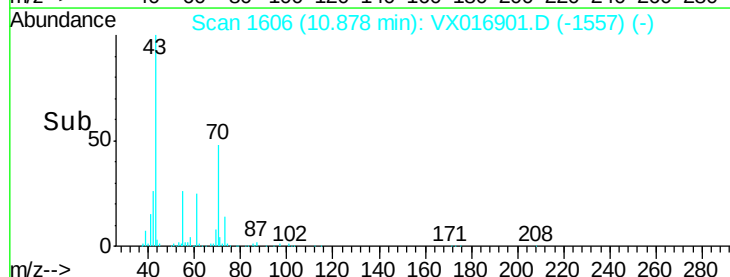
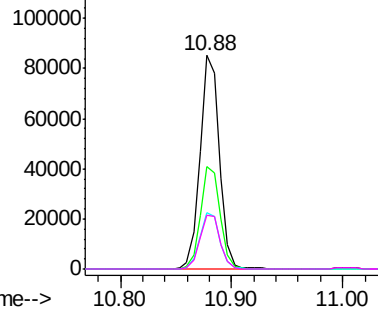


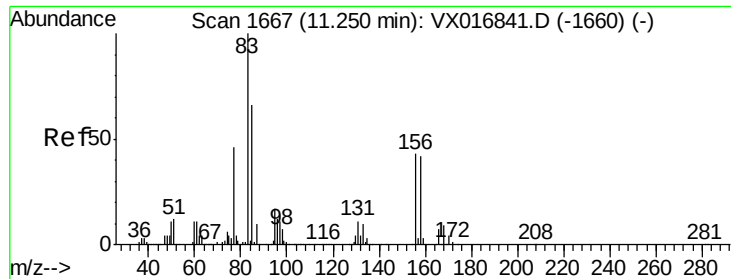
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 21.781 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX016901.D

Acq: 20 Jun 2020 02:29

Instrument :

MSVOA_X

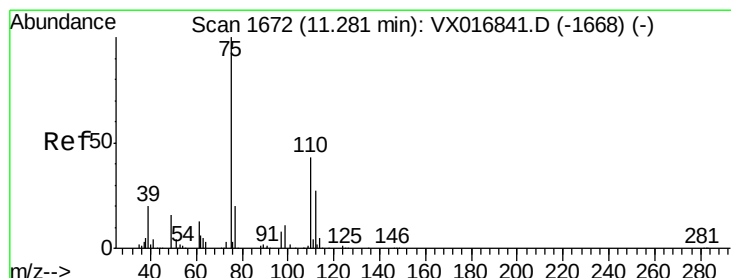
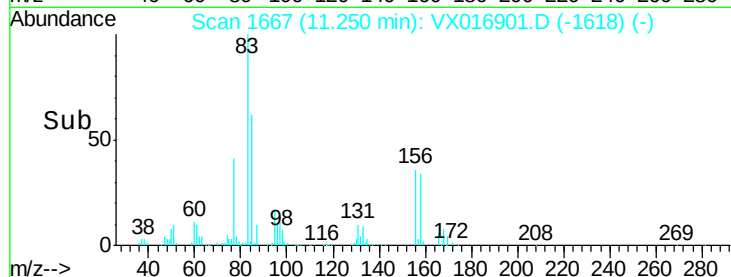
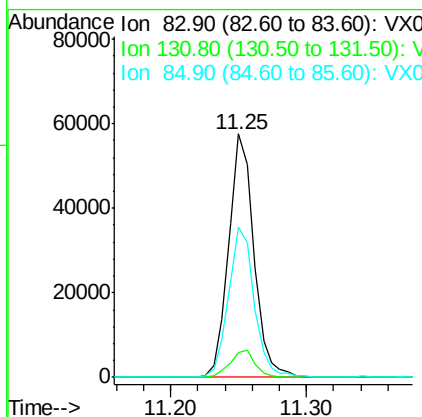
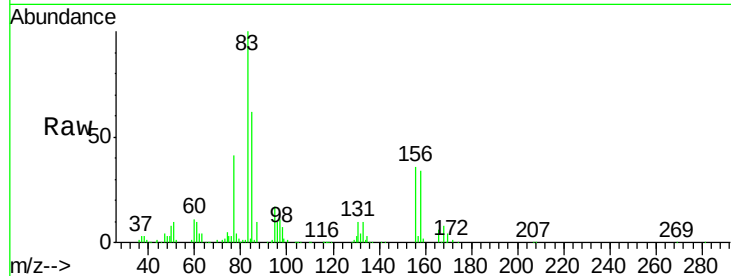
ClientSampleId :

VX0619WBS02

Tot Ion:	83	Resp:	74211
Ion Ratio	Lower	Upper	
83	100		
131	10.9	5.7	17.1
85	63.3	32.6	97.8

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 22.283 ug/l m

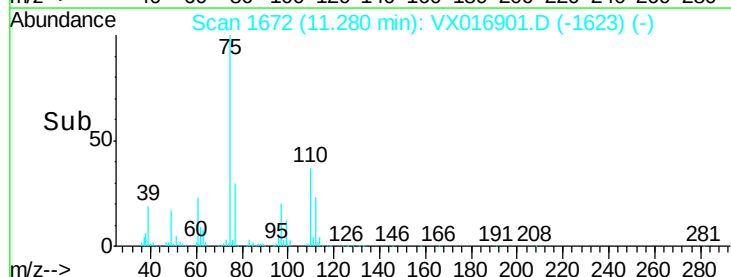
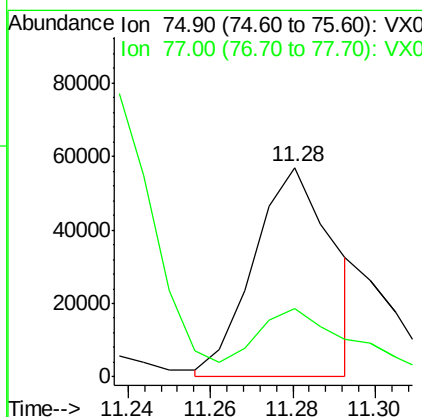
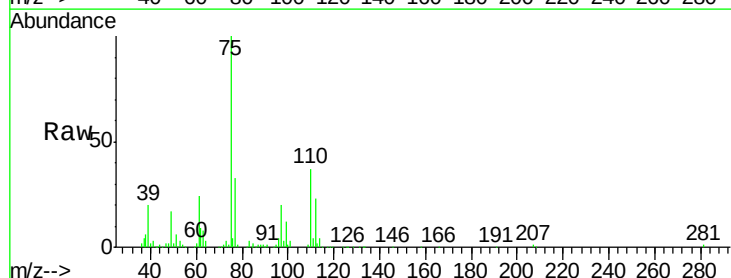
RT: 11.28 min Scan# 1672

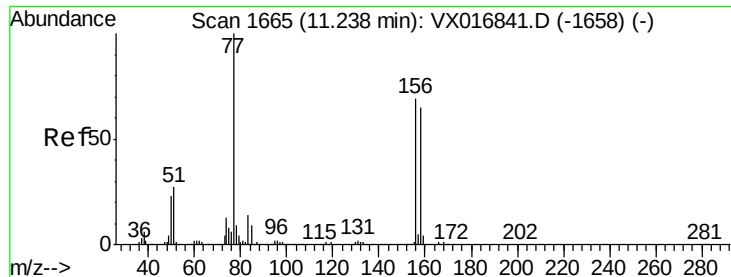
Delta R.T. 0.00 min

Lab File: VX016901.D

Acq: 20 Jun 2020 02:29

Tgt Ion:	75	Resp:	76266
Ion Ratio	Lower	Upper	
75	100		
77	40.2	20.5	61.5





#77

Bromobenzene

Concen: 19.830 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX016901.D

Acq: 20 Jun 2020 02:29

Instrument :

MSVOA_X

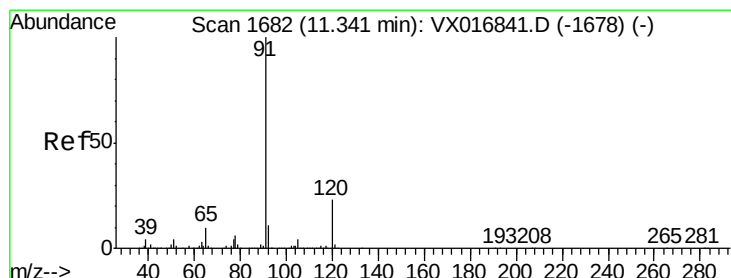
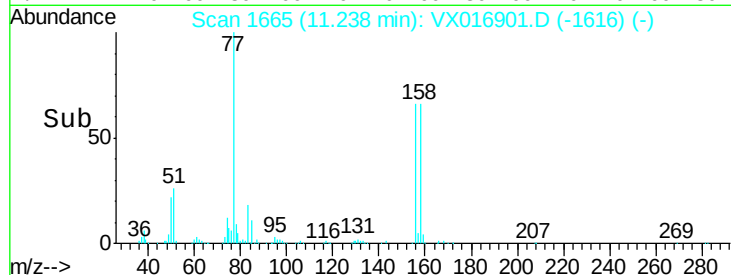
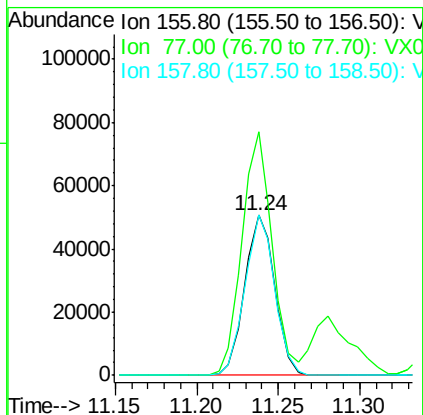
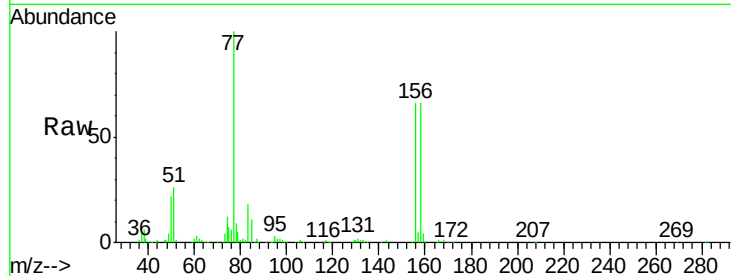
ClientSampleId :

VX0619WBS02

Tot Ion:	156	Resp:	65255
Ion Ratio	Lower	Upper	
156	100		
77	152.7	73.4	220.2
158	99.1	48.8	146.3

Manual Integrations
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#78

n-propylbenzene

Concen: 18.862 ug/l

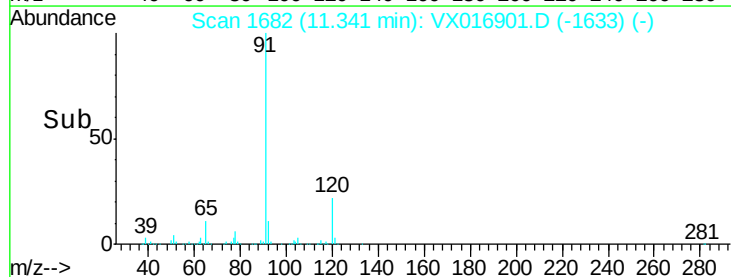
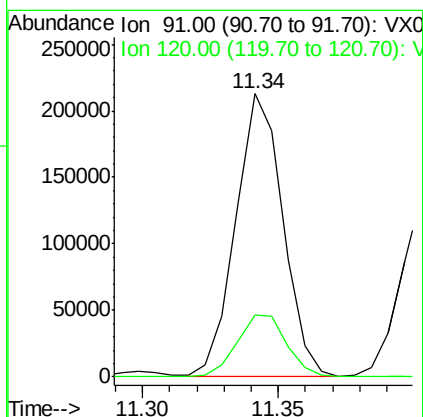
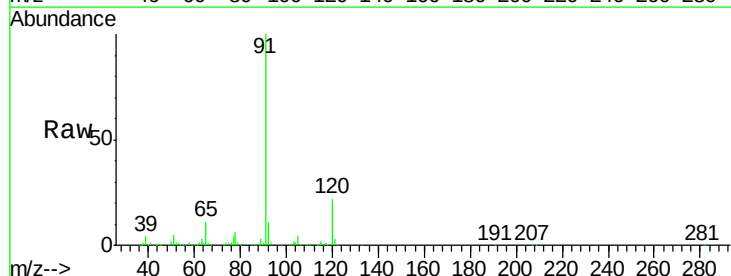
RT: 11.34 min Scan# 1682

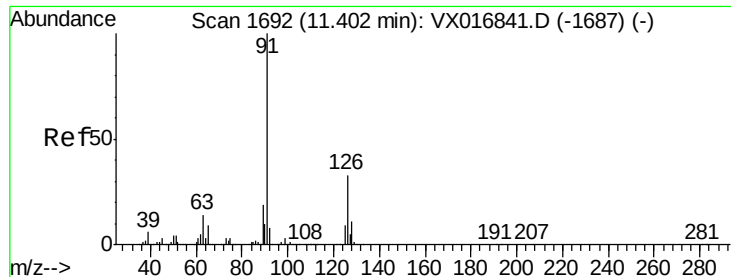
Delta R.T. -0.00 min

Lab File: VX016901.D

Acq: 20 Jun 2020 02:29

Tgt Ion:	91	Resp:	253999
Ion Ratio	Lower	Upper	
91	100		
120	23.3	11.9	35.5





#79

2-Chlorotoluene

Concen: 19.618 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX016901.D

Acq: 20 Jun 2020 02:29

Instrument :

MSVOA_X

ClientSampleId :

VX0619WBS02

Tot Ion: 91 Resp: 161629

Ion Ratio Lower Upper

91 100

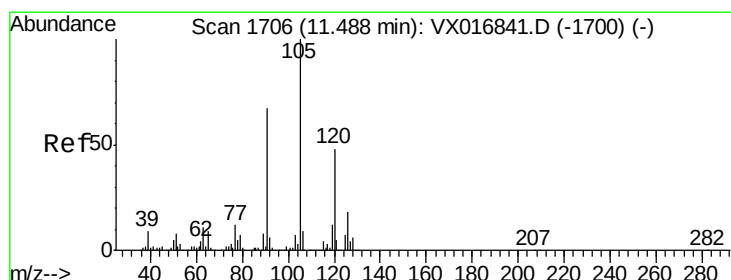
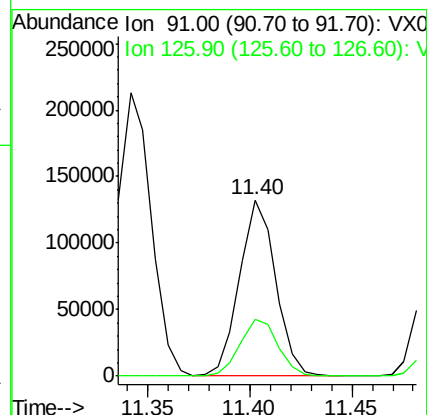
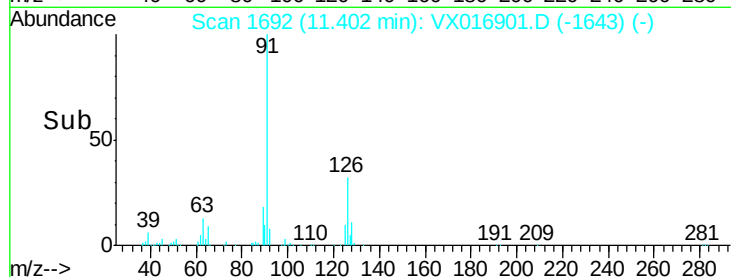
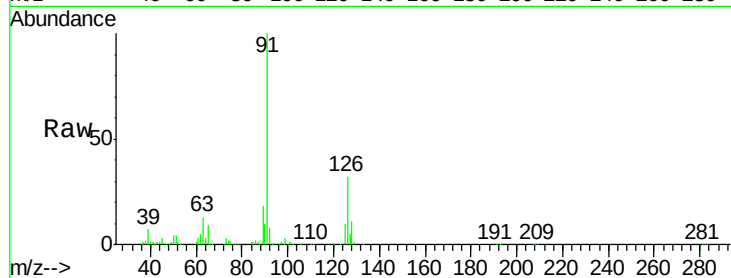
126 34.1 17.2 51.5

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 19.025 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. 0.00 min

Lab File: VX016901.D

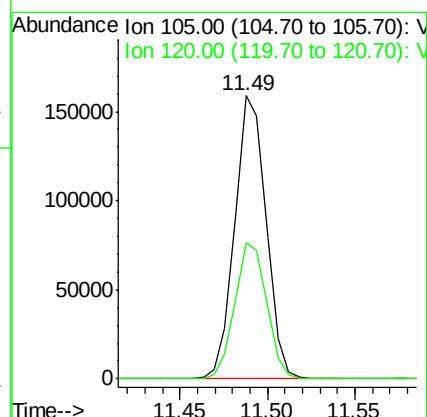
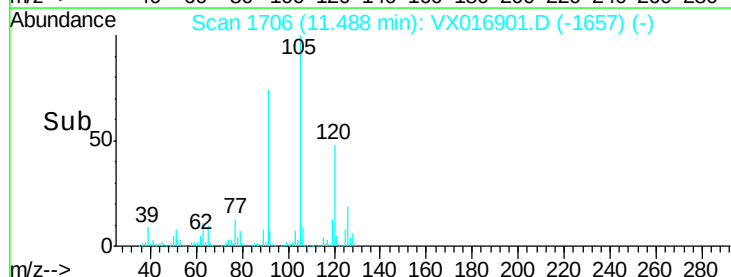
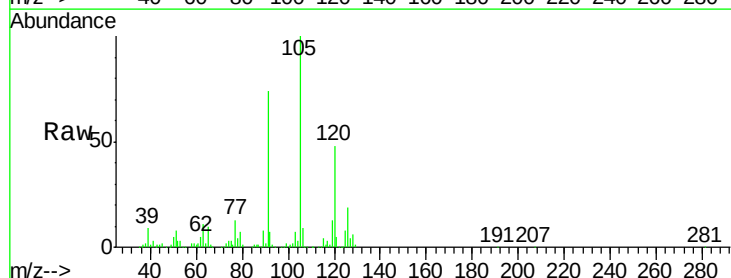
Acq: 20 Jun 2020 02:29

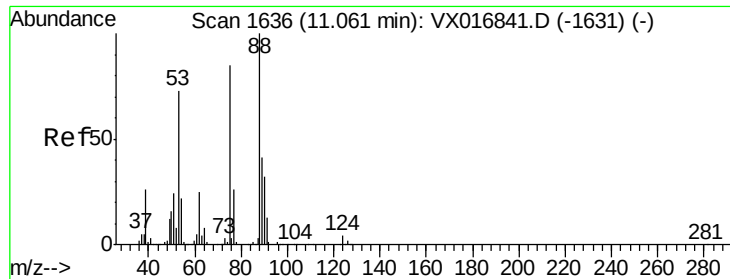
Tgt Ion: 105 Resp: 198055

Ion Ratio Lower Upper

105 100

120 49.0 24.6 74.0





#81

trans-1,4-Dichloro-2-butene

Concen: 18.916 ug/l

RT: 11.05 min Scan# 1635

Delta R.T. -0.01 min

Lab File: VX016901.D

Acq: 20 Jun 2020 02:29

Instrument :

MSVOA_X

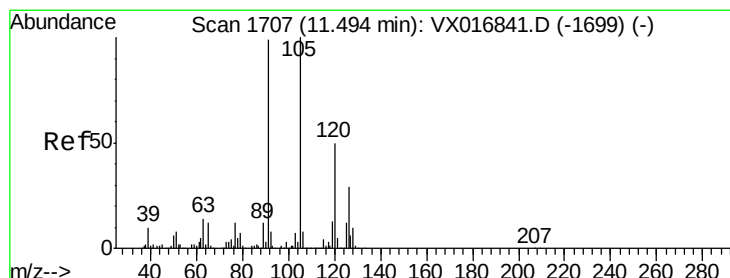
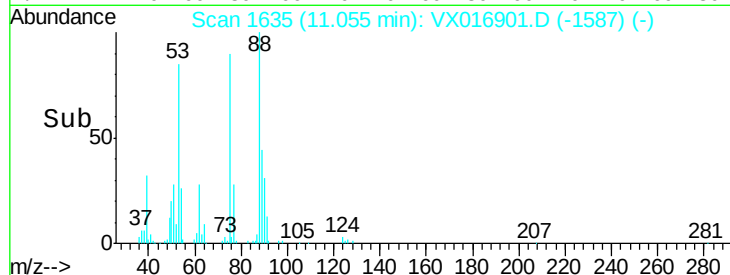
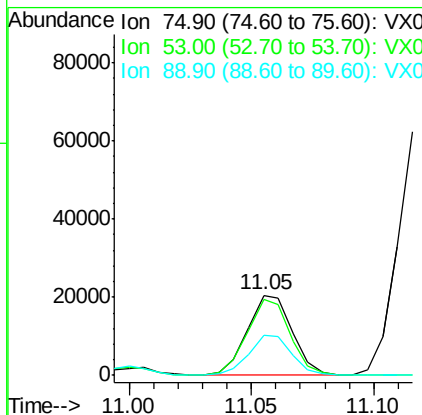
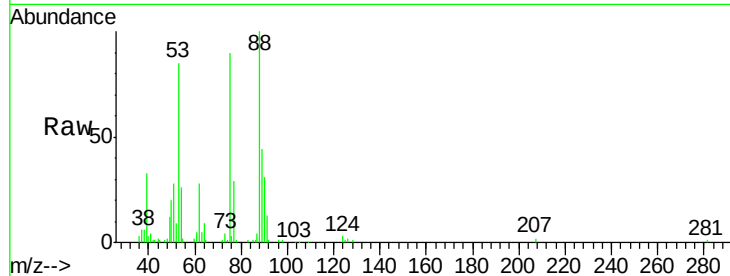
ClientSampleId :

VX0619WBS02

Tot Ion:	75	Resp:	26437
Ion Ratio	Lower	Upper	
75	100		
53	91.6	69.8	104.8
89	47.6	38.3	57.5

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#82

4-Chlorotoluene

Concen: 19.417 ug/l

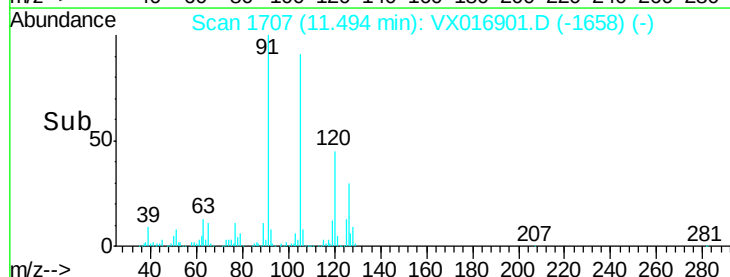
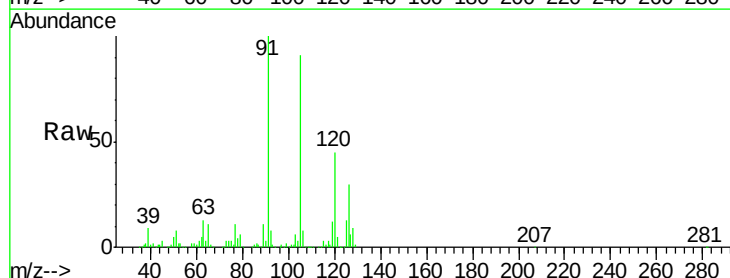
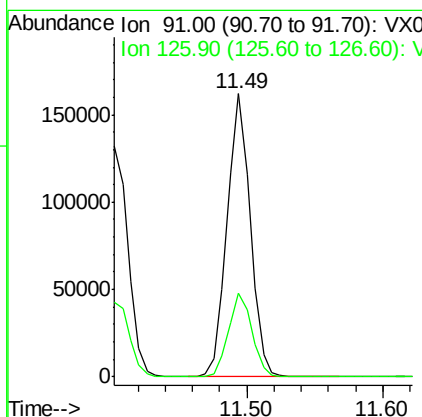
RT: 11.49 min Scan# 1707

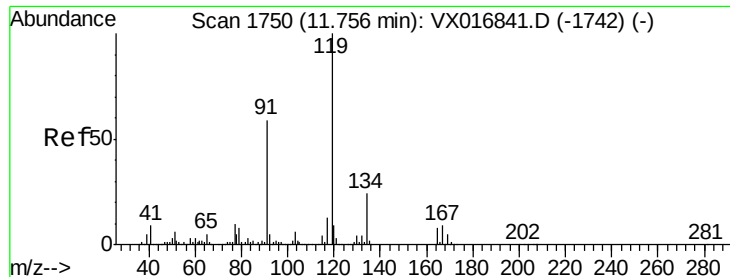
Delta R.T. -0.00 min

Lab File: VX016901.D

Acq: 20 Jun 2020 02:29

Tgt Ion:	91	Resp:	191920
Ion Ratio	Lower	Upper	
91	100		
126	30.0	15.0	45.0





#83

tert-Butylbenzene

Concen: 17.574 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX016901.D

Acq: 20 Jun 2020 02:29

Instrument :

MSVOA_X

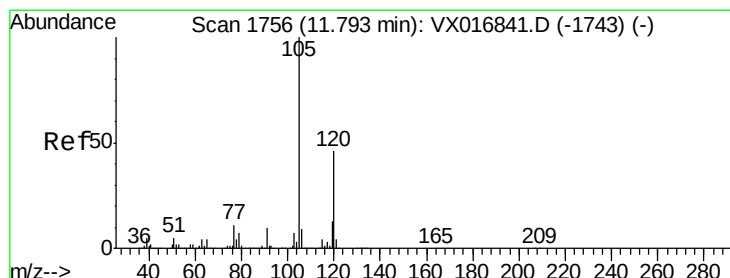
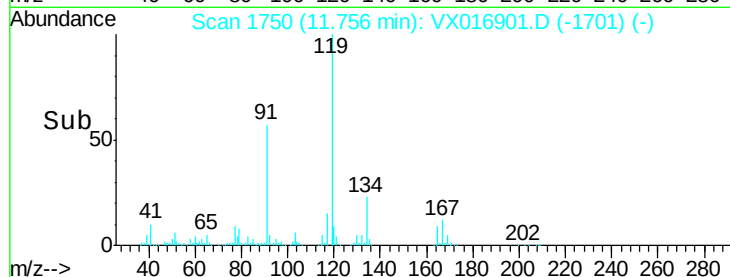
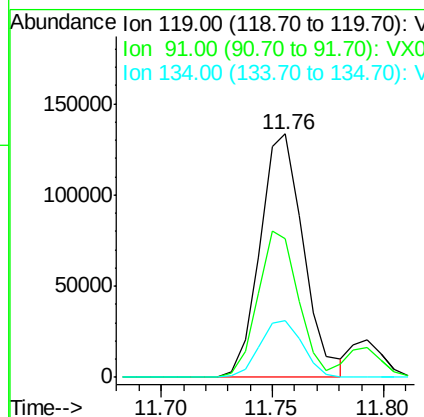
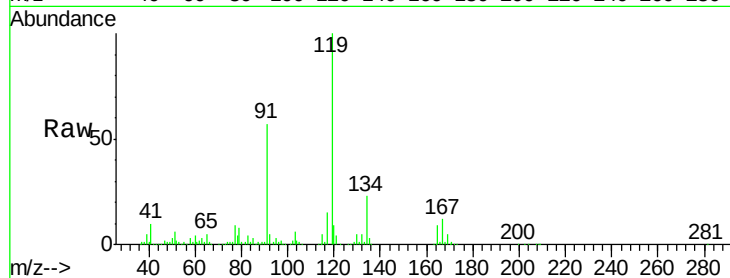
ClientSampleId :

VX0619WBS02

Tot Ion:	119	Resp:	181017
Ion Ratio	Lower	Upper	
119	100		
91	56.4	28.5	85.5
134	23.1	11.7	35.1

Manual Integrations
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#84

1,2,4-Trimethylbenzene

Concen: 18.674 ug/l

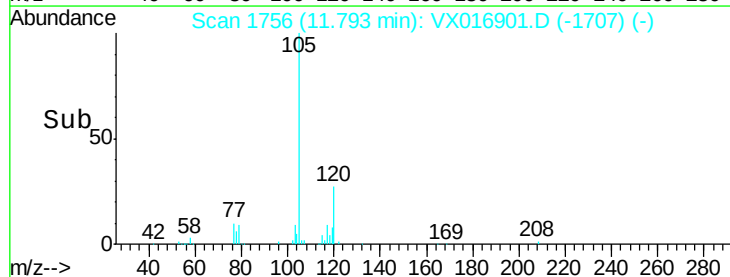
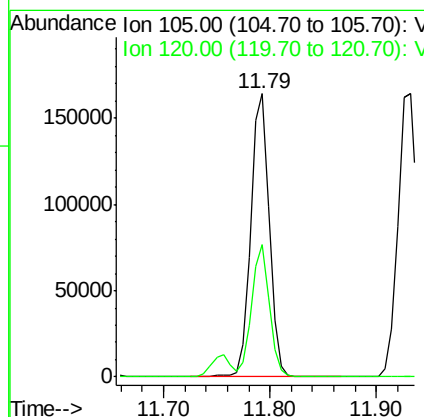
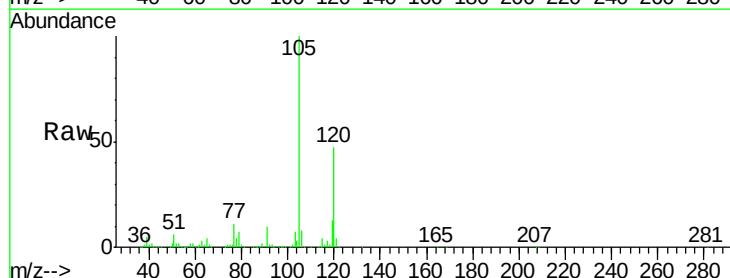
RT: 11.79 min Scan# 1756

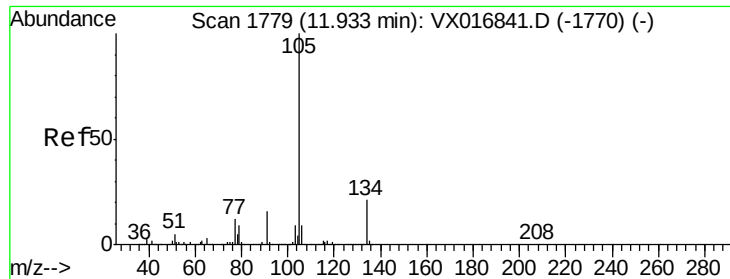
Delta R.T. -0.00 min

Lab File: VX016901.D

Acq: 20 Jun 2020 02:29

Tgt Ion:	105	Resp:	200255
Ion Ratio	Lower	Upper	
105	100		
120	44.9	22.3	66.9





#85

sec-Butylbenzene

Concen: 17.288 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VX016901.D

Acq: 20 Jun 2020 02:29

Instrument :

MSVOA_X

ClientSampleId :

VX0619WBS02

Tot Ion:105 Resp: 206818

Ion Ratio Lower Upper

105 100

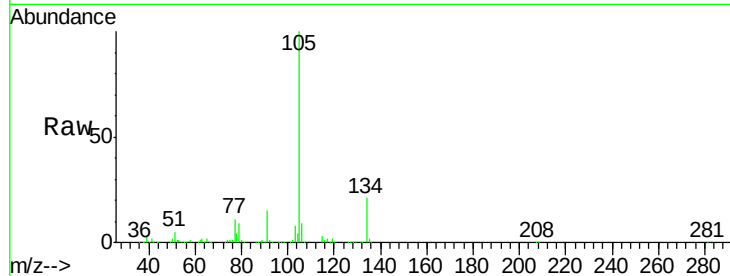
134 20.3 10.4 31.2

Manual Integrations

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.93

150000

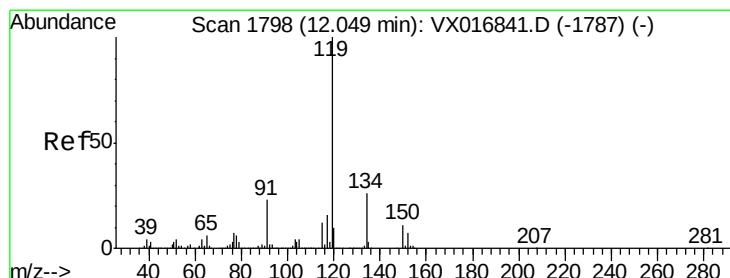
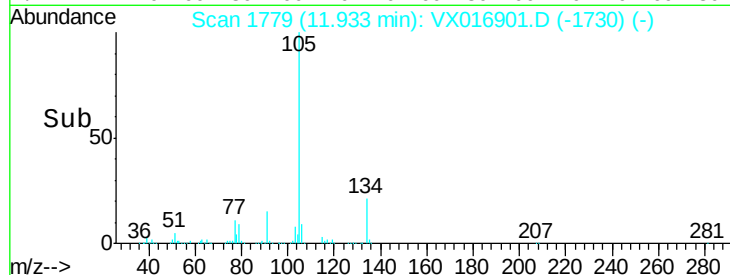
100000

50000

0

Time-->

11.90 12.00



#86

p-Isopropyltoluene

Concen: 18.016 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX016901.D

Acq: 20 Jun 2020 02:29

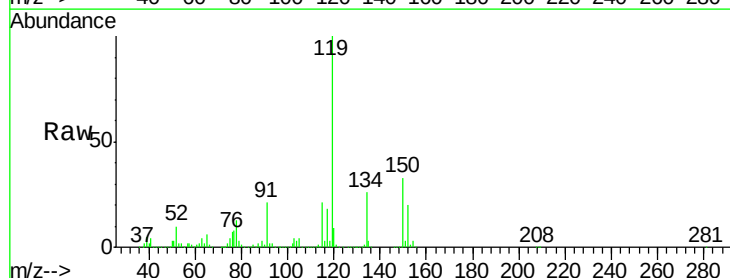
Tgt Ion:119 Resp: 197473

Ion Ratio Lower Upper

119 100

134 25.5 12.9 38.7

91 22.6 11.6 34.8



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

200000

150000

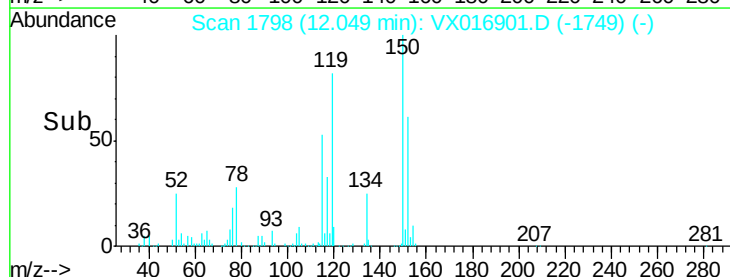
100000

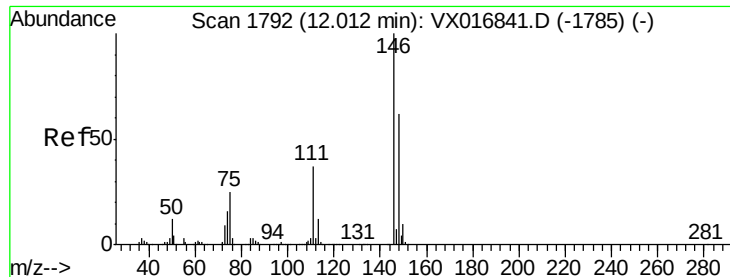
50000

0

Time-->

12.00 12.10





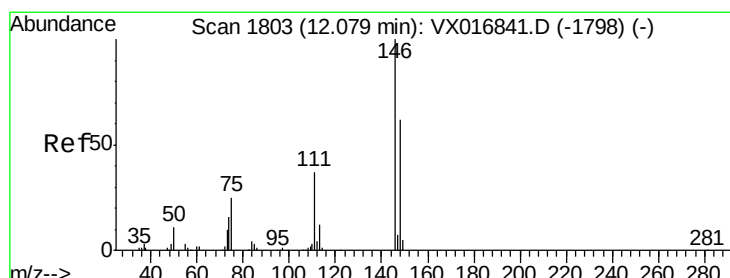
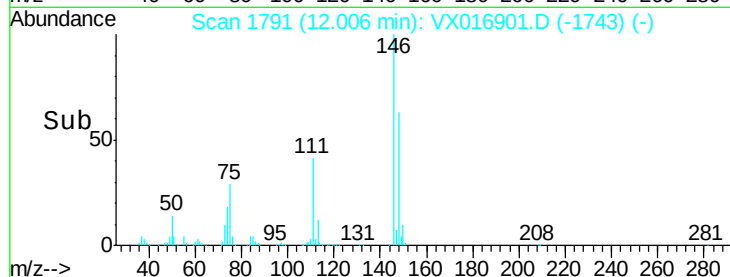
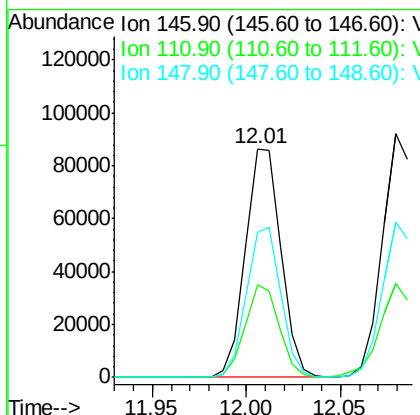
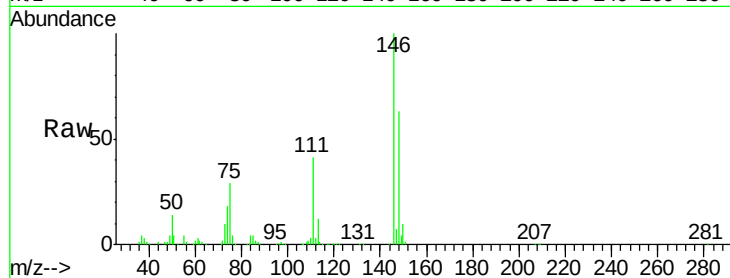
#87
 1,3-Dichlorobenzene
 Concen: 18.860 ug/l
 RT: 12.01 min Scan# 1791
 Delta R.T. -0.01 min
 Lab File: VX016901.D
 Acq: 20 Jun 2020 02:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0619WBS02

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.6	19.4	58.2
148	63.6	31.8	95.3

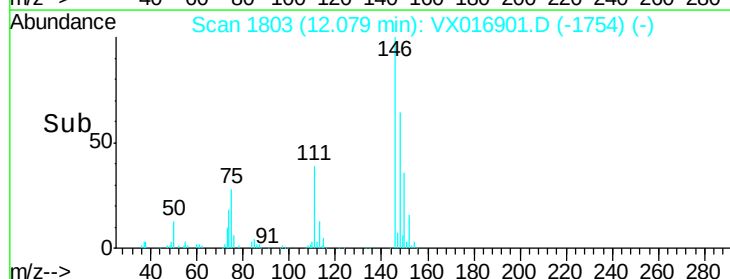
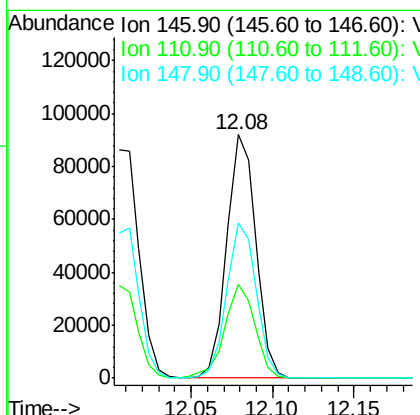
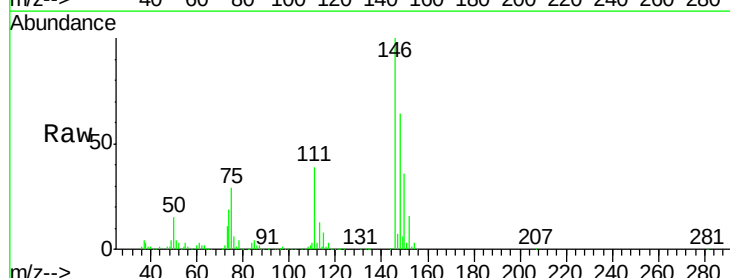
Manual Integrations
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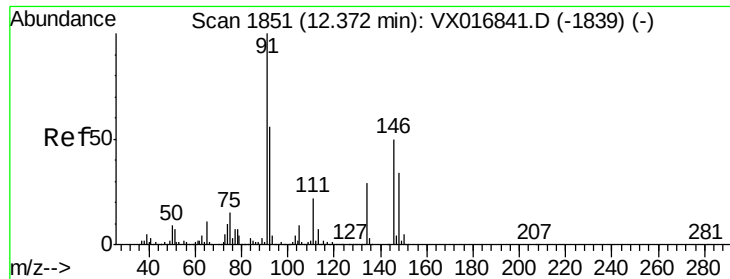
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#88
 1,4-Dichlorobenzene
 Concen: 18.719 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX016901.D
 Acq: 20 Jun 2020 02:29

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.4	19.0	57.0
148	64.9	31.6	95.0





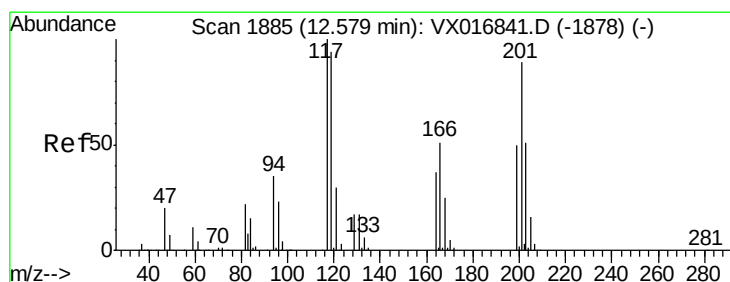
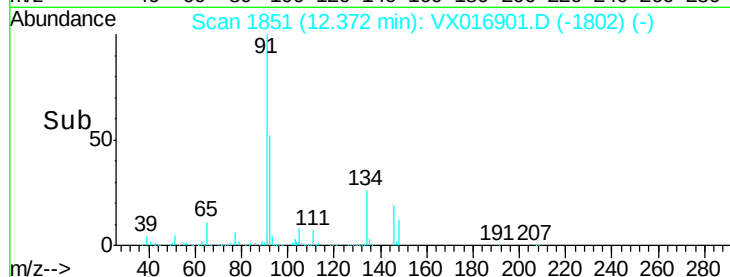
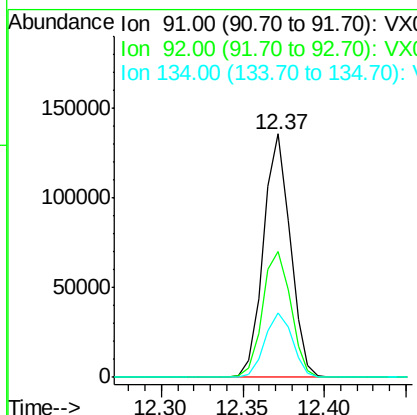
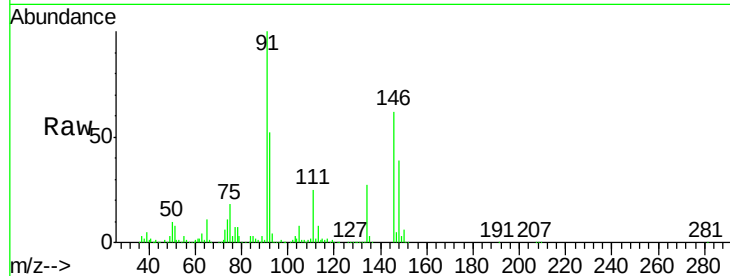
#89
n-Butylbenzene
Concen: 16.492 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX016901.D
Acq: 20 Jun 2020 02:29

Instrument :
MSVOA_X
ClientSampleId :
VX0619WBS02

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.7	27.4	82.2
134	27.4	13.9	41.6

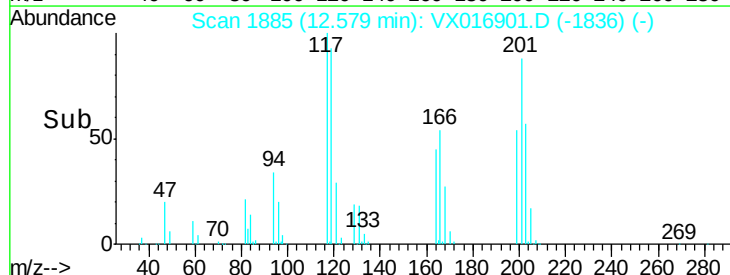
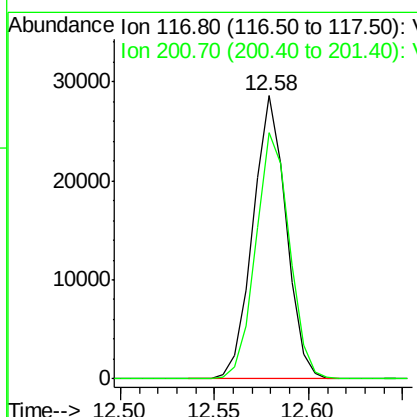
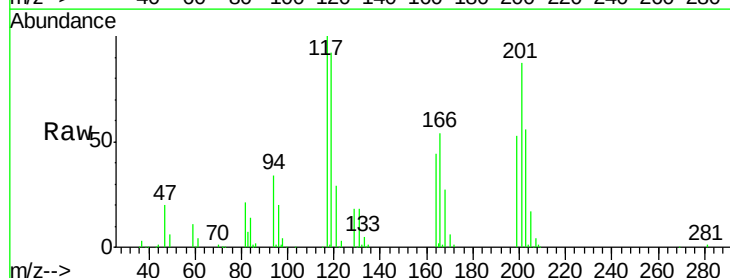
Manual Integrations
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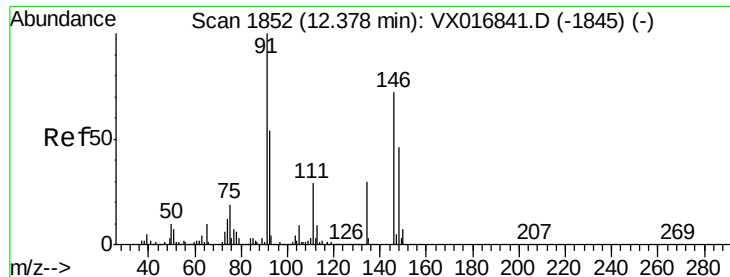
MMDadoda
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#90
Hexachloroethane
Concen: 17.671 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX016901.D
Acq: 20 Jun 2020 02:29

Tgt Ion	Ratio	Lower	Upper
117	100		
201	88.2	44.9	134.5





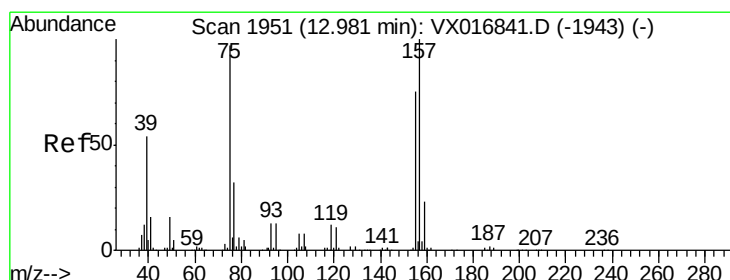
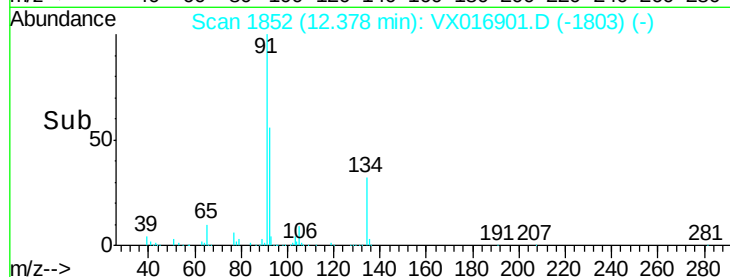
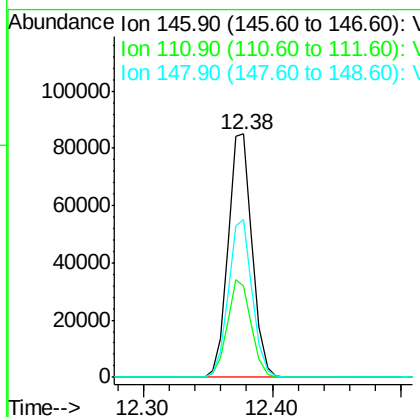
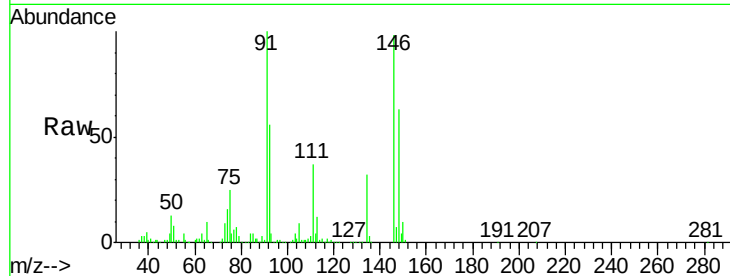
#91
 1,2-Dichlorobenzene
 Concen: 19.185 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VX016901.D
 Acq: 20 Jun 2020 02:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0619WBS02

Tot Ion	Ratio	Resp	Lower	Upper
146	100	111344		
111	39.8	20.9	62.7	
148	63.9	32.9	98.6	

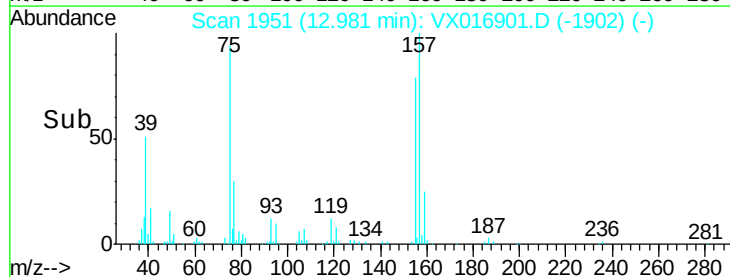
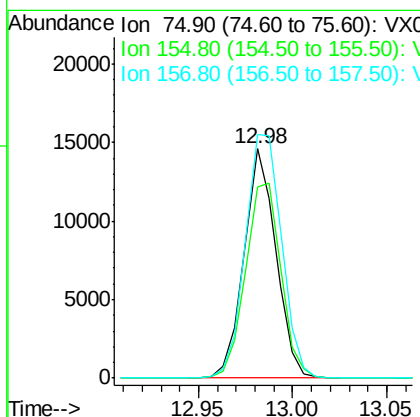
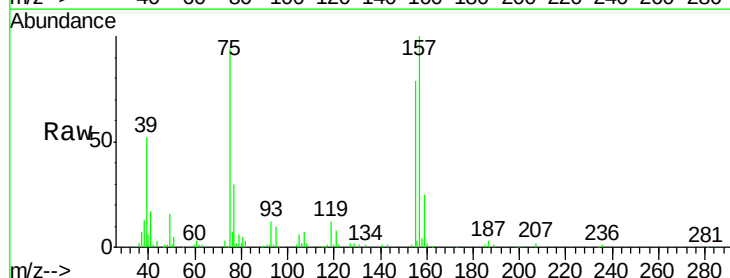
Manual Integrations
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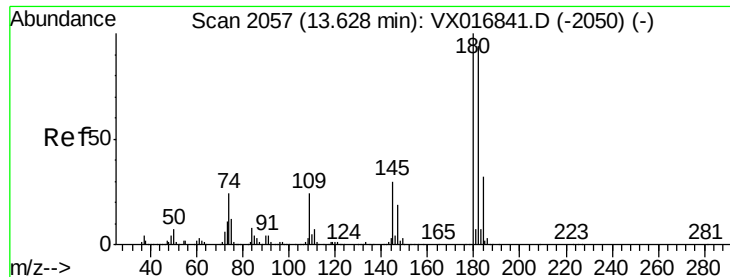
MMDadoda
 6/22/2020 12:23:42 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.217 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX016901.D
 Acq: 20 Jun 2020 02:29

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	17140		
155	94.5	46.4	139.1	
157	121.3	58.6	175.8	





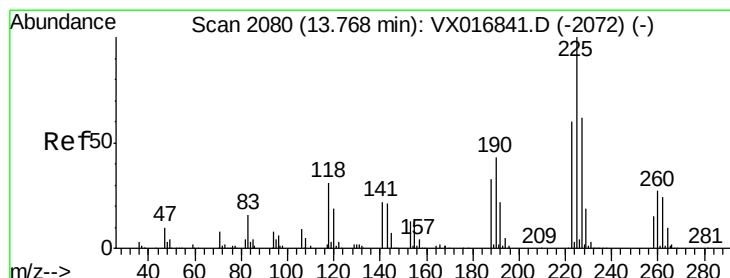
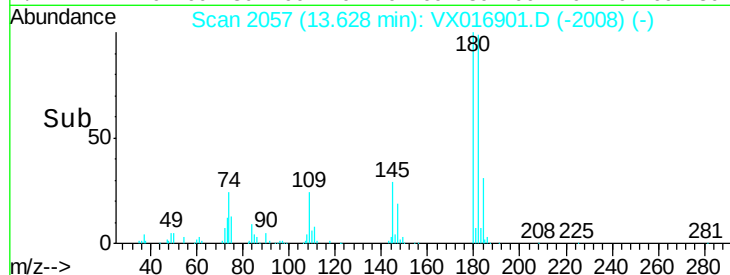
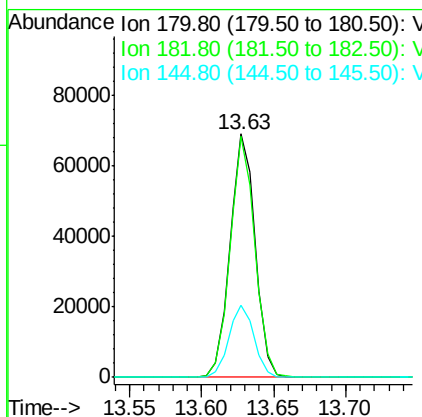
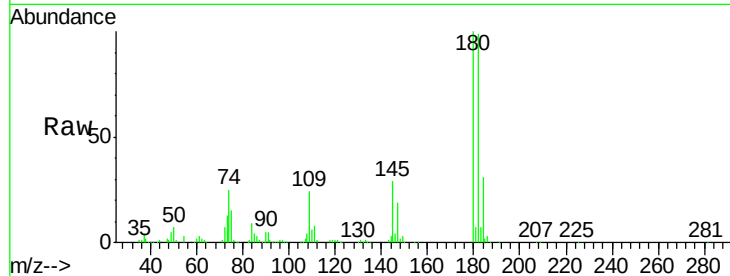
#93
 1,2,4-Trichlorobenzene
 Concen: 21.624 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX016901.D
 Acq: 20 Jun 2020 02:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0619WBS02

Tot Ion	Ratio	Resp	Lower	Upper
180	100	84275		
182	97.4	47.7	143.1	
145	29.7	15.0	45.1	

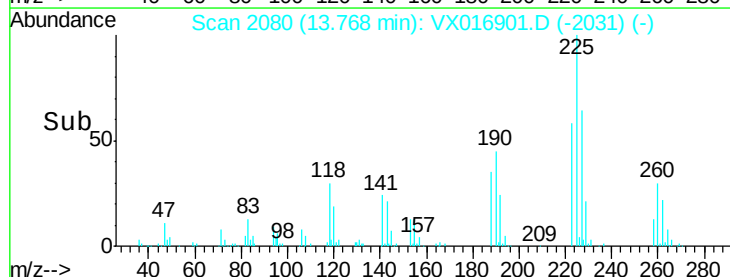
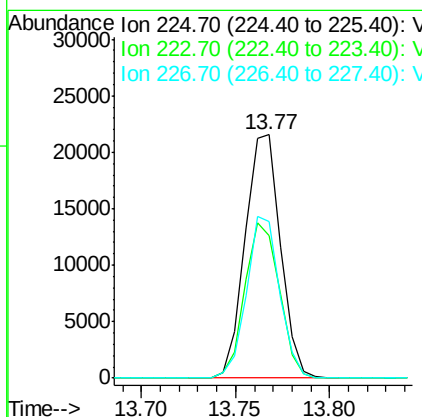
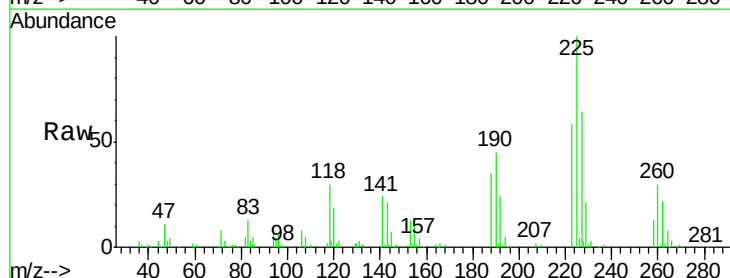
Manual Integrations
 APPROVED

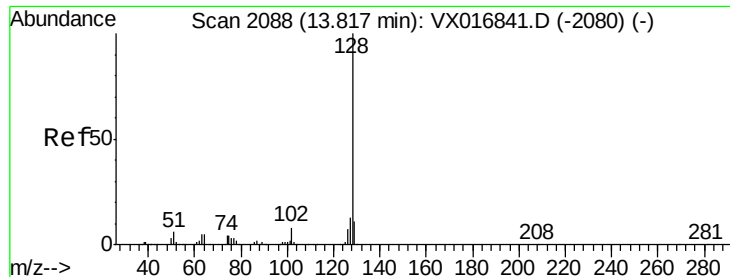
MMDadoda
 6/22/2020 12:23:42 PM



#94
 Hexachlorobutadiene
 Concen: 15.933 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: VX016901.D
 Acq: 20 Jun 2020 02:29

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	28020		
223	62.4	32.1	96.5	
227	62.4	32.3	96.8	





#95

Naphthalene

Concen: 22.778 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX016901.D

Acq: 20 Jun 2020 02:29

Instrument :

MSVOA_X

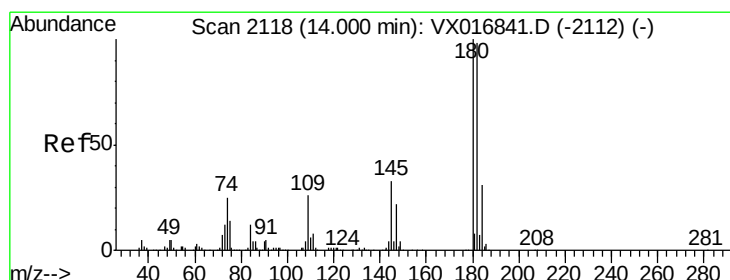
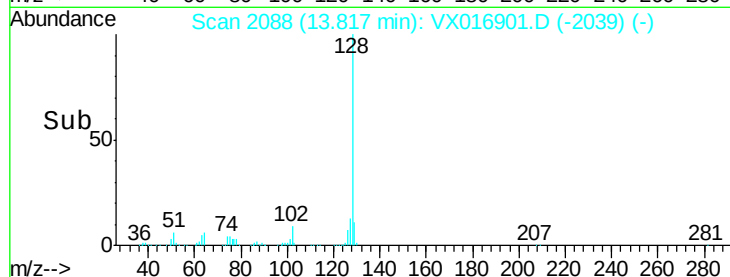
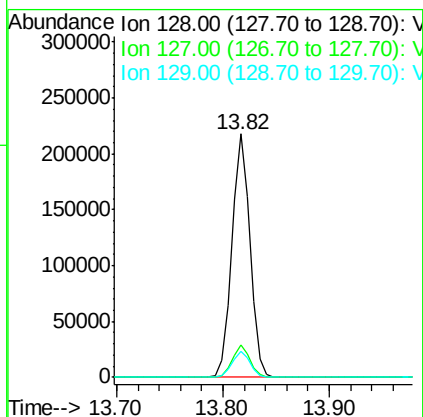
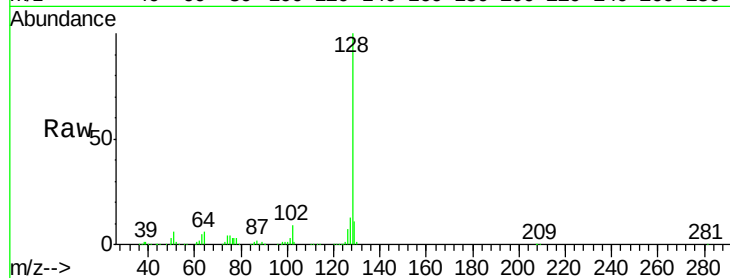
ClientSampleId :

VX0619WBS02

Tot Ion:	128	Resp:	260621
Ion Ratio	Lower	Upper	
128	100		
127	13.1	10.4	15.6
129	10.7	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
6/22/2020 12:23:42 PM



#96

1,2,3-Trichlorobenzene

Concen: 19.726 ug/l

RT: 14.01 min Scan# 2119

Delta R.T. 0.01 min

Lab File: VX016901.D

Acq: 20 Jun 2020 02:29

Tgt Ion:	180	Resp:	76666
Ion Ratio	Lower	Upper	
180	100		
182	97.8	47.4	142.3
145	32.8	16.0	48.0

