

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX051420\
 Data File : VX016221.D
 Acq On : 14 May 2020 11:29
 Operator : JC/SP
 Sample : VX0514WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0514WBS01

Manual Integrations
 APPROVED

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 5/15/2020 12:28:58 PM

Quant Time: May 15 01:53:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 06 06:43:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	273110	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	423695	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	392902	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	198911	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	167170	46.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.04%	
35) Dibromofluoromethane	5.46	113	133304	49.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.32%	
50) Toluene-d8	8.70	98	520828	50.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.72%	
62) 4-Bromofluorobenzene	11.12	95	195584	49.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.44%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	54130	18.725	ug/l	99
3) Chloromethane	1.31	50	60087	17.898	ug/l	99
4) Vinyl Chloride	1.39	62	61818	17.259	ug/l	98
5) Bromomethane	1.63	94	38803	21.489	ug/l	98
6) Chloroethane	1.71	64	37942	17.410	ug/l	99
7) Trichlorofluoromethane	1.92	101	83633	17.786	ug/l	99
8) Diethyl Ether	2.17	74	34105	17.214	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	48411	17.844	ug/l	98
10) Methyl Iodide	2.49	142	49567	13.602	ug/l	99
11) Tert butyl alcohol	3.01	59	73529	80.909	ug/l	100
12) 1,1-Dichloroethene	2.36	96	49231	17.341	ug/l	98
13) Acrolein	2.27	56	37623	66.157	ug/l	98
14) Allyl chloride	2.70	41	89287	17.153	ug/l	95
15) Acrylonitrile	3.11	53	163626	86.791	ug/l	99
16) Acetone	2.42	43	126407	78.830	ug/l	96
17) Carbon Disulfide	2.55	76	141340	16.439	ug/l	99
18) Methyl Acetate	2.75	43	70809	17.959	ug/l	97
19) Methyl tert-butyl Ether	3.17	73	179590	18.350	ug/l	97
20) Methylene Chloride	2.84	84	58177	17.599	ug/l	95
21) trans-1,2-Dichloroethene	3.14	96	54675	17.282	ug/l	98
22) Diisopropyl ether	3.82	45	176147	17.937	ug/l	92
23) Vinyl Acetate	3.78	43	760481	88.020	ug/l	100
24) 1,1-Dichloroethane	3.67	63	100312	18.260	ug/l	98
25) 2-Butanone	4.63	43	221283	85.637	ug/l	99
26) 2,2-Dichloropropane	4.54	77	90706	18.080	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	62909	18.189	ug/l	98
28) Bromochloromethane	4.98	49	45307	18.087	ug/l	99
29) Tetrahydrofuran	5.09	42	147613	86.216	ug/l	99
30) Chloroform	5.18	83	100578	18.388	ug/l	96
31) Cyclohexane	5.55	56	88861	17.799	ug/l	96
32) 1,1,1-Trichloroethane	5.46	97	90524	18.207	ug/l	99
36) 1,1-Dichloropropene	5.77	75	75507	18.104	ug/l	99
37) Ethyl Acetate	4.79	43	85980	17.787	ug/l	99
38) Carbon Tetrachloride	5.76	117	80774	19.054	ug/l	96

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 5/15/2020 12:28:58 PM

Quant Time: May 15 01:53:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 06 06:43:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	88541	17.628	ug/l	99
40) Benzene	6.11	78	229554	18.811	ug/l	98
41) Methacrylonitrile	5.00	41	46230	17.709	ug/l	98
42) 1,2-Dichloroethane	6.17	62	80018	18.202	ug/l	98
43) Isopropyl Acetate	6.41	43	137514	17.830	ug/l	98
44) Trichloroethene	7.19	130	76953	17.750	ug/l	100
45) 1,2-Dichloropropane	7.49	63	59771	19.357	ug/l	99
46) Dibromomethane	7.64	93	39469	18.809	ug/l	100
47) Bromodichloromethane	7.88	83	80657	18.873	ug/l	96
48) Methyl methacrylate	7.74	41	63761	17.447	ug/l	96
49) 1,4-Dioxane	7.71	88	29325	334.566	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	429685	91.040	ug/l	98
52) Toluene	8.76	92	145721	19.158	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	93244	18.299	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	99971	18.783	ug/l	96
55) 1,1,2-Trichloroethane	9.20	97	58261	19.468	ug/l	99
56) Ethyl methacrylate	9.16	69	89916	18.407	ug/l	97
57) 1,3-Dichloropropane	9.35	76	99837	19.119	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	238321	91.640	ug/l	100
59) 2-Hexanone	9.47	43	330511	89.170	ug/l	98
60) Dibromochloromethane	9.57	129	63706	19.328	ug/l	99
61) 1,2-Dibromoethane	9.65	107	61864	19.084	ug/l	100
64) Tetrachloroethene	9.32	164	90329	18.727	ug/l	99
65) Chlorobenzene	10.12	112	155628	18.917	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	58227	19.149	ug/l	99
67) Ethyl Benzene	10.23	91	274712	18.715	ug/l	98
68) m/p-Xylenes	10.34	106	206456	37.540	ug/l	98
69) o-Xylene	10.68	106	100862	19.079	ug/l	97
70) Styrene	10.70	104	168264	18.762	ug/l	99
71) Bromoform	10.84	173	46514	18.775	ug/l	97
73) Isopropylbenzene	11.00	105	270002	18.662	ug/l	99
74) N-amyl acetate	10.88	43	115202	17.071	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	55425	21.815	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	82824m	18.349	ug/l	
77) Bromobenzene	11.24	156	66673	17.854	ug/l	98
78) n-propylbenzene	11.34	91	305744	18.166	ug/l	100
79) 2-Chlorotoluene	11.40	91	183794	18.500	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	225498	18.460	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	33783	17.836	ug/l	96
82) 4-Chlorotoluene	11.49	91	215234	18.346	ug/l	99
83) tert-Butylbenzene	11.76	119	194964	18.520	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	226310	18.325	ug/l	99
85) sec-Butylbenzene	11.93	105	254885	17.932	ug/l	99
86) p-Isopropyltoluene	12.05	119	237640	18.008	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	122005	18.196	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	125228	18.401	ug/l	99
89) n-Butylbenzene	12.37	91	202719	16.815	ug/l	100
90) Hexachloroethane	12.58	117	40156	17.718	ug/l	96
91) 1,2-Dichlorobenzene	12.38	146	118729	18.389	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	19931	16.754	ug/l	97

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ClientSampleId :
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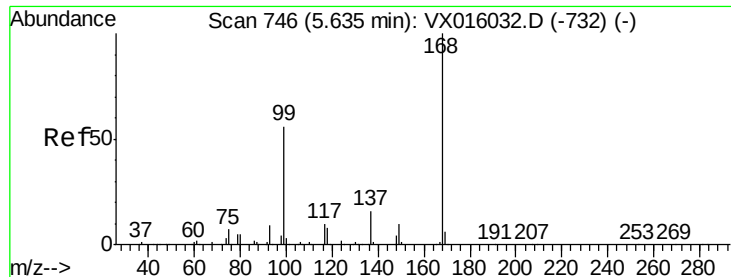
Manual Integrations
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
Quant Title : SW846 8260
QLast Update : Wed May 06 06:43:32 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	82388	17.236	ug/l	97
94) Hexachlorobutadiene	13.77	225	33520	16.638	ug/l	97
95) Naphthalene	13.82	128	268463	17.345	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	79006	16.912	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.01 min

Lab File: VX016221.D

Acq: 14 May 2020 11:29

Instrument :

MSVOA_X

ClientSampleId :

VX0514WBS01

Tot Ion:168 Resp: 273110

Ion Ratio Lower Upper

168 100

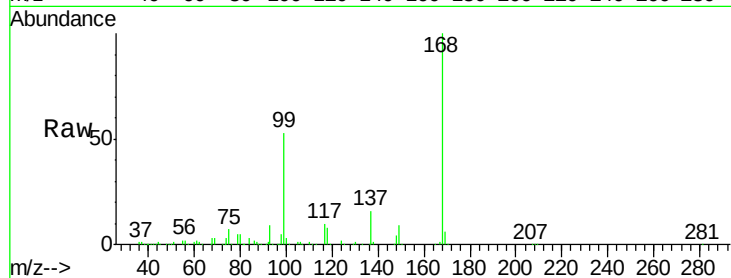
99 53.1 45.0 67.4

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

100000

80000

60000

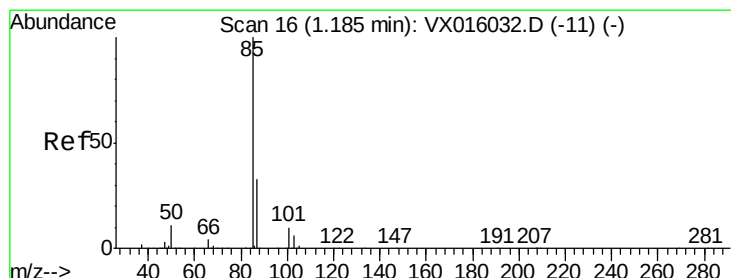
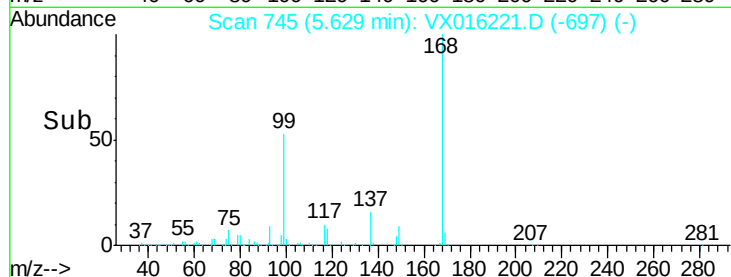
40000

20000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 18.725 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX016221.D

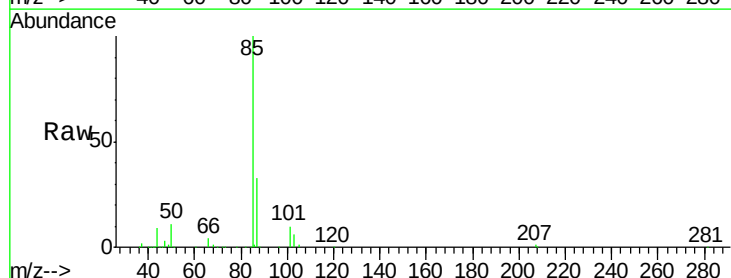
Acq: 14 May 2020 11:29

Tgt Ion: 85 Resp: 54130

Ion Ratio Lower Upper

85 100

87 33.1 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

60000

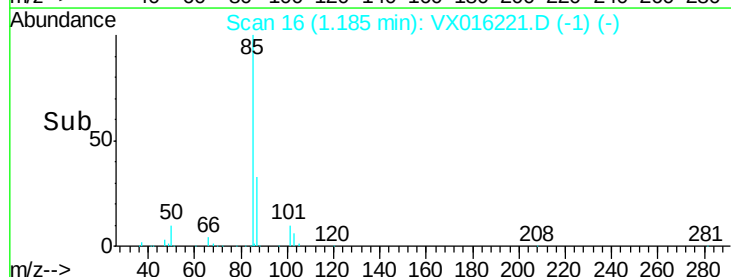
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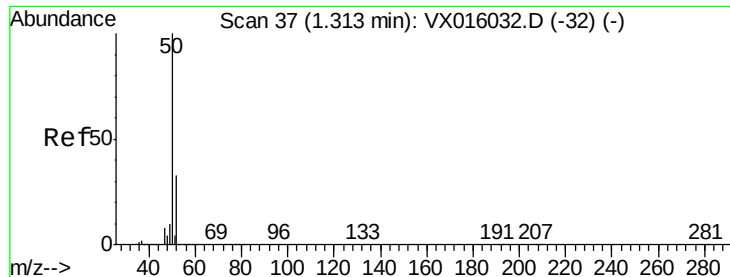
20000

0

1.15 1.20 1.25

Time-->





#3

Chloromethane

Concen: 17.898 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX016221.D

Acq: 14 May 2020 11:29

Instrument :

MSVOA_X

ClientSampleId :

VX0514WBS01

Tot Ion: 50 Resp: 60087

Ion Ratio Lower Upper

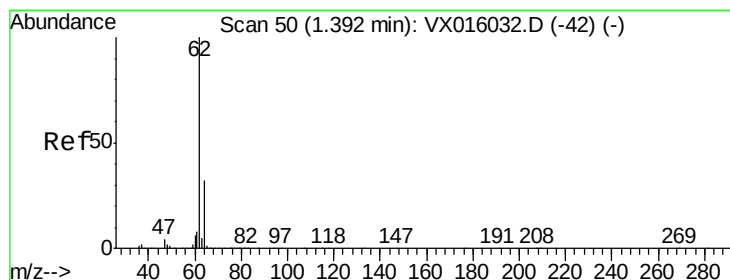
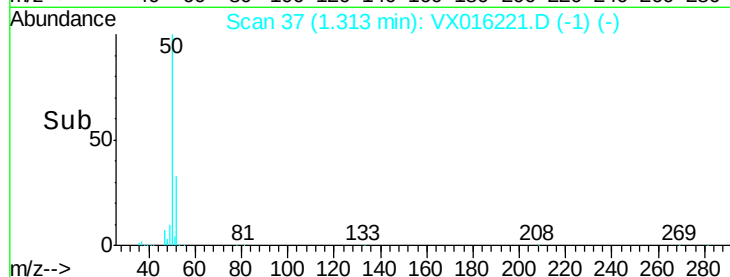
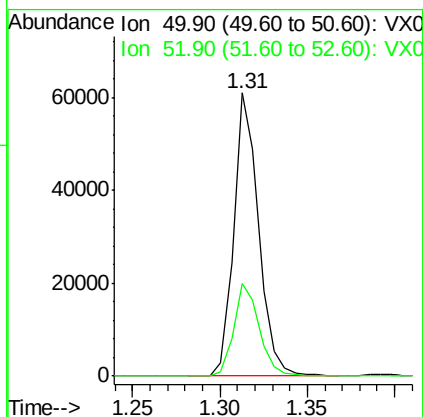
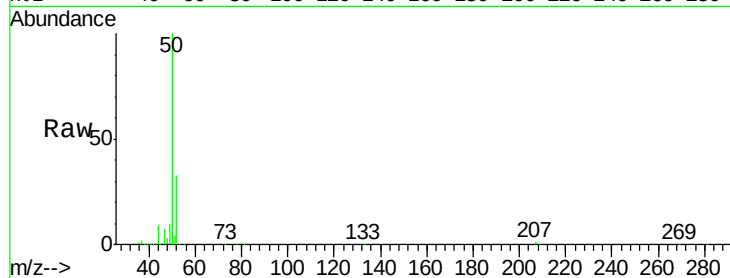
50 100

52 32.9 26.1 39.1

Manual Integrations
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#4

Vinyl Chloride

Concen: 17.259 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016221.D

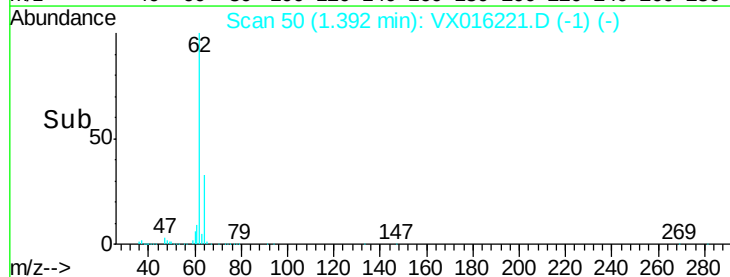
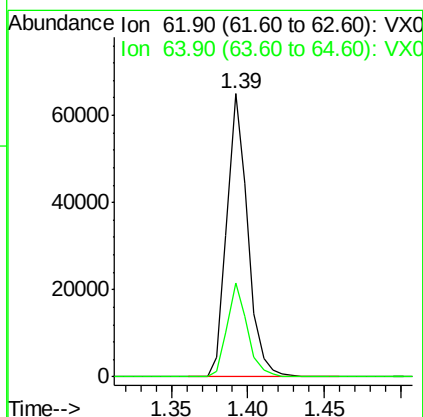
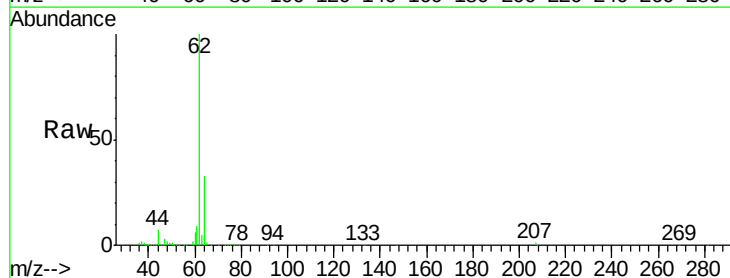
Acq: 14 May 2020 11:29

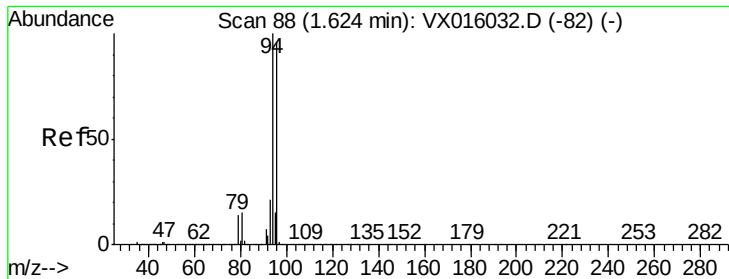
Tgt Ion: 62 Resp: 61818

Ion Ratio Lower Upper

62 100

64 33.3 25.7 38.5





#5

Bromomethane

Concen: 21.489 ug/l

RT: 1.63 min Scan# 89

Delta R.T. 0.01 min

Lab File: VX016221.D

Acq: 14 May 2020 11:29

Instrument :

MSVOA_X

ClientSampleId :

VX0514WBS01

Tot Ion: 94 Resp: 38803

Ion Ratio Lower Upper

94 100

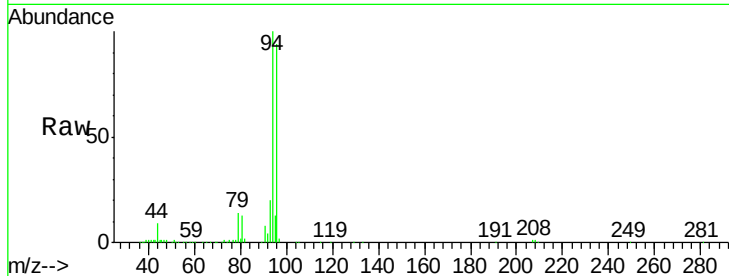
96 93.8 76.9 115.3

Manual Integrations

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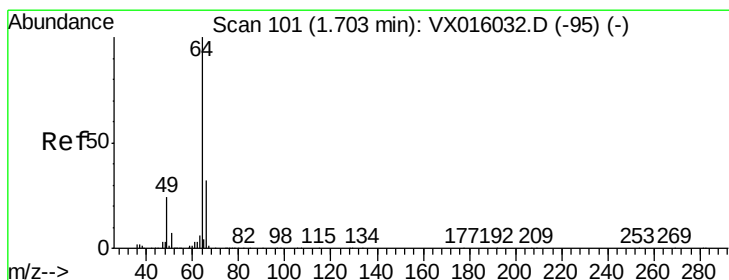
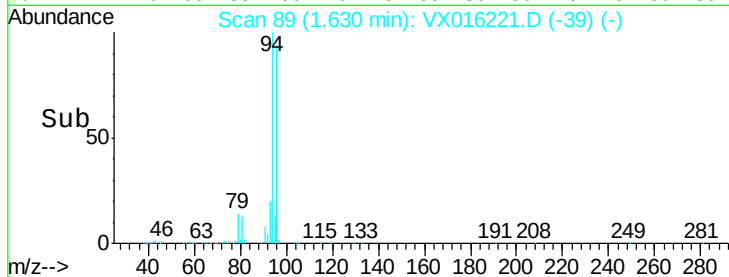
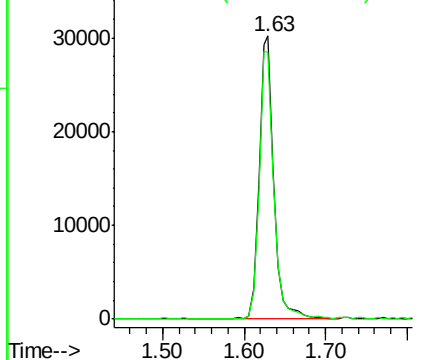
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 17.410 ug/l

RT: 1.71 min Scan# 102

Delta R.T. 0.01 min

Lab File: VX016221.D

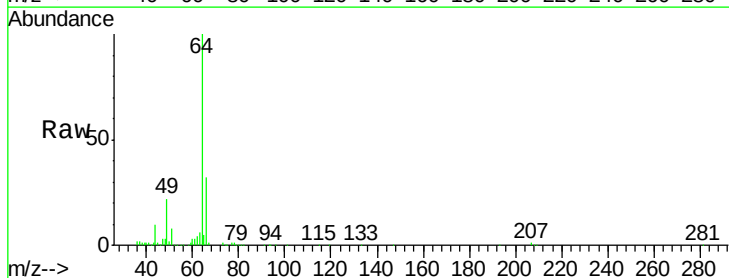
Acq: 14 May 2020 11:29

Tgt Ion: 64 Resp: 37942

Ion Ratio Lower Upper

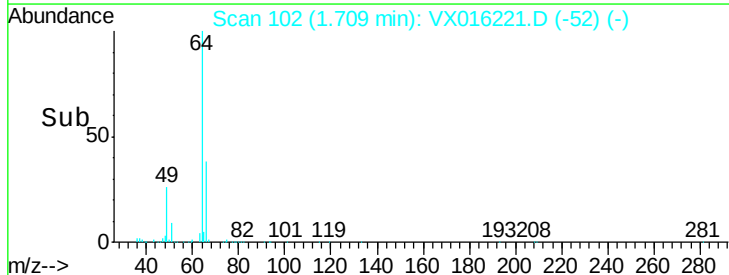
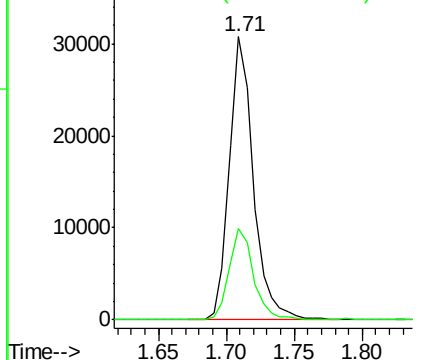
64 100

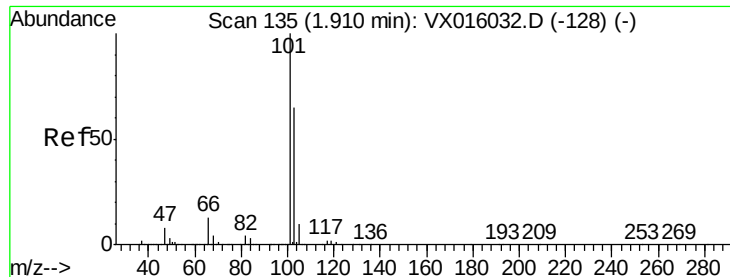
66 32.1 25.2 37.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

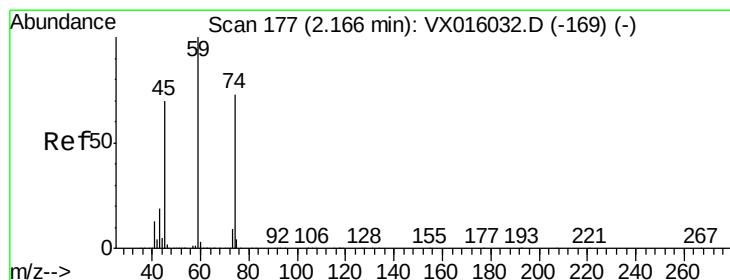
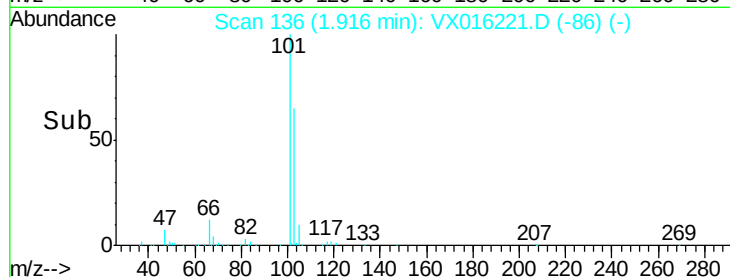
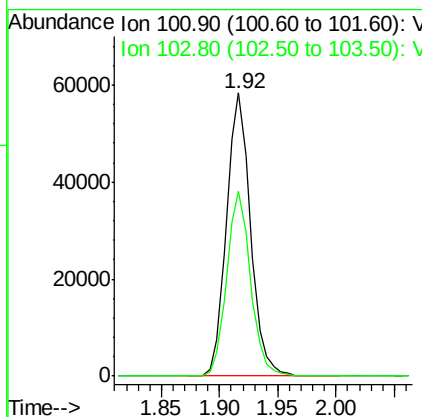
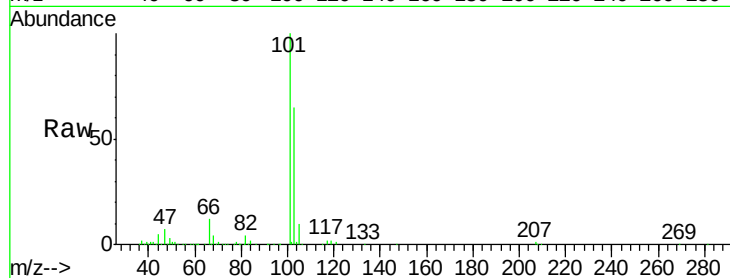
Trichlorofluoromethane
Concen: 17.786 ug/l
RT: 1.92 min Scan# 136
Delta R.T. 0.01 min
Lab File: VX016221.D
Acq: 14 May 2020 11:29

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ClientSampleId :
VX0514WBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.3	51.8	77.6

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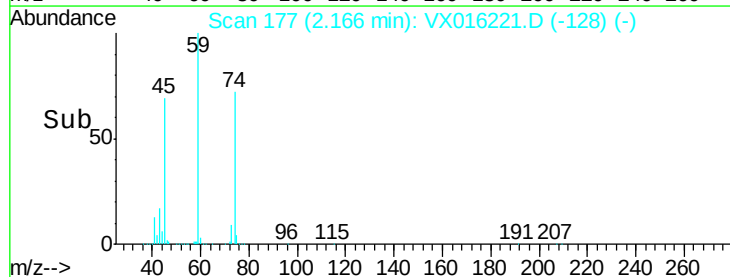
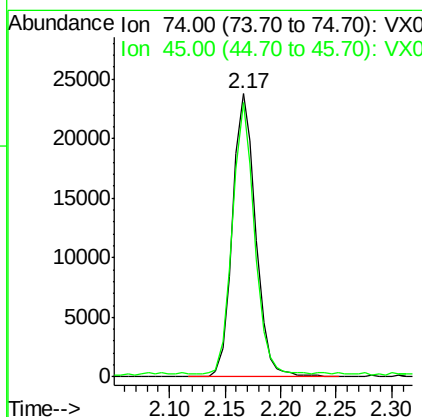
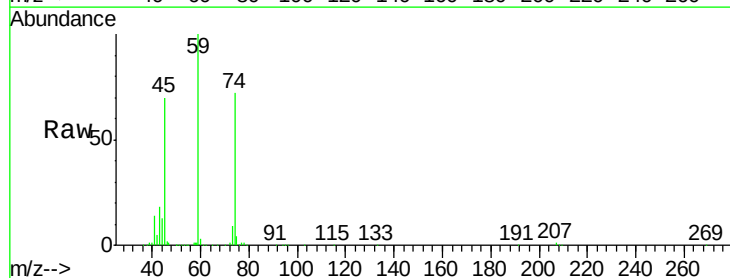
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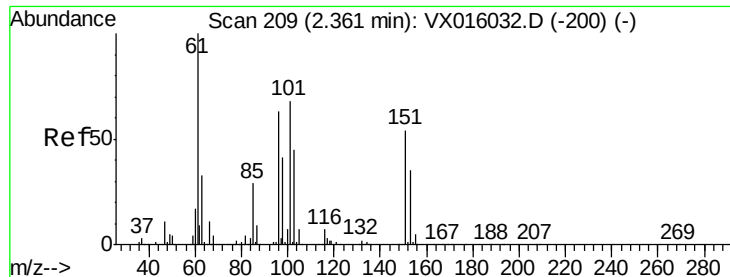


#8

Diethyl Ether
Concen: 17.214 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX016221.D
Acq: 14 May 2020 11:29

Tgt Ion	Ratio	Lower	Upper
74	100		
45	92.0	47.3	142.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.844 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.01 min

Lab File: VX016221.D

Acq: 14 May 2020 11:29

Instrument :

MSVOA_X

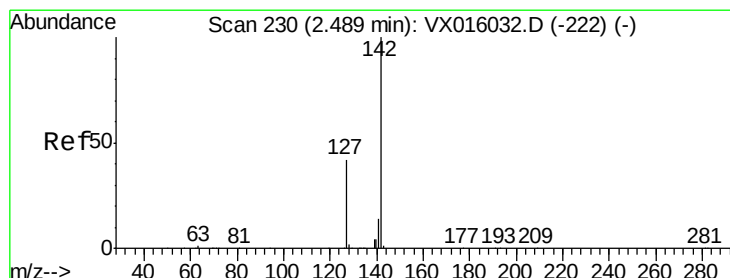
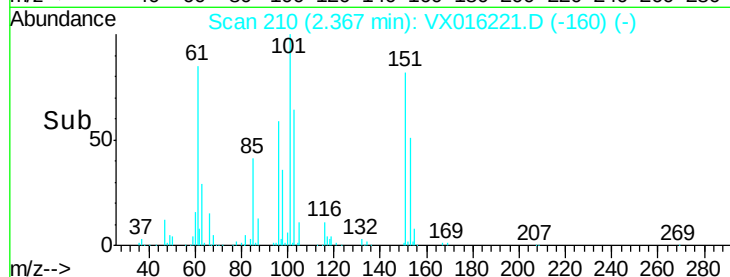
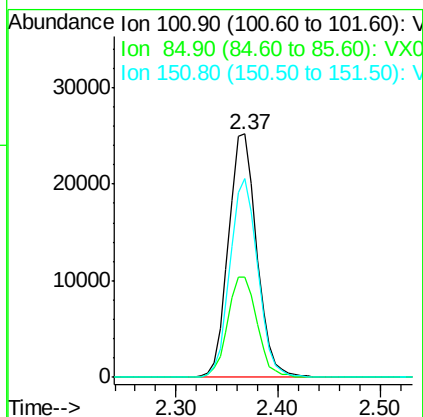
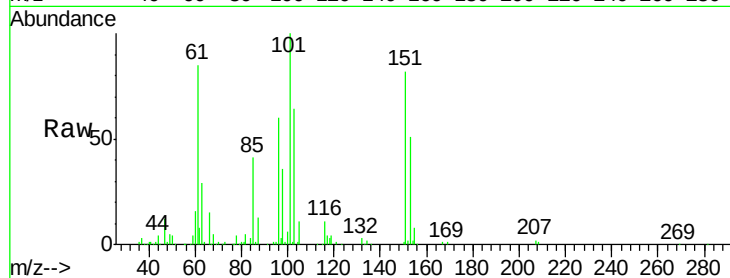
ClientSampleId :

VX0514WBS01

Tot Ion:	101	Resp:	48411
Ion Ratio	Lower	Upper	
101	100		
85	42.7	34.2	51.4
151	80.0	62.1	93.1

Manual Integrations
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#10

Methyl Iodide

Concen: 13.602 ug/l

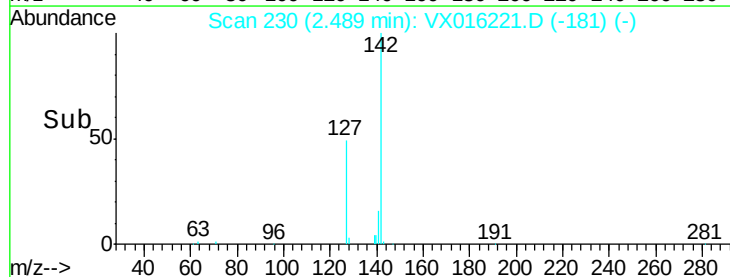
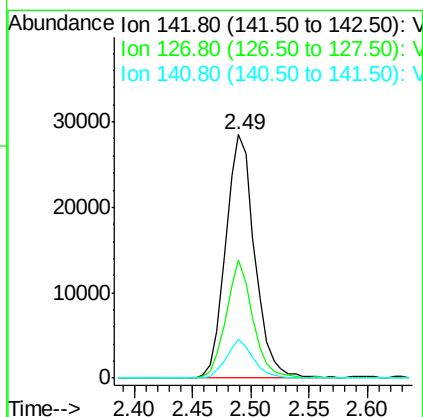
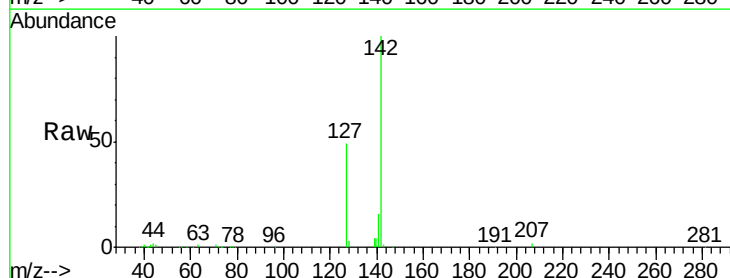
RT: 2.49 min Scan# 230

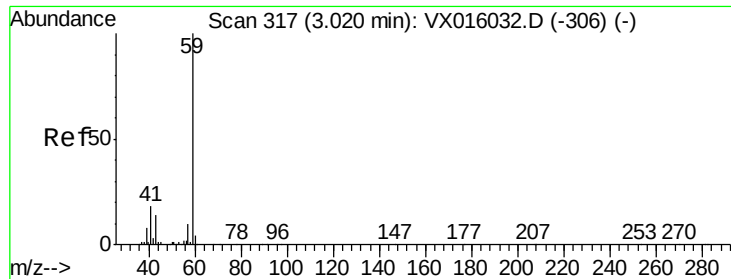
Delta R.T. -0.00 min

Lab File: VX016221.D

Acq: 14 May 2020 11:29

Tgt Ion:	142	Resp:	49567
Ion Ratio	Lower	Upper	
142	100		
127	44.3	34.6	52.0
141	14.5	11.3	16.9





#11

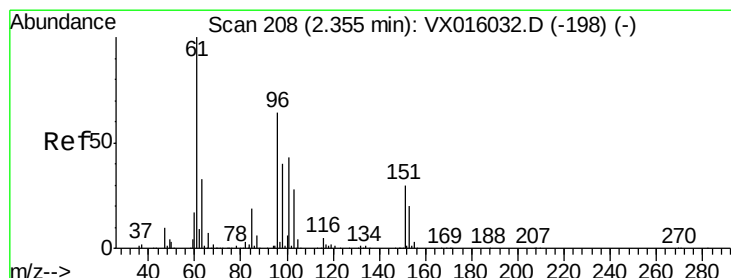
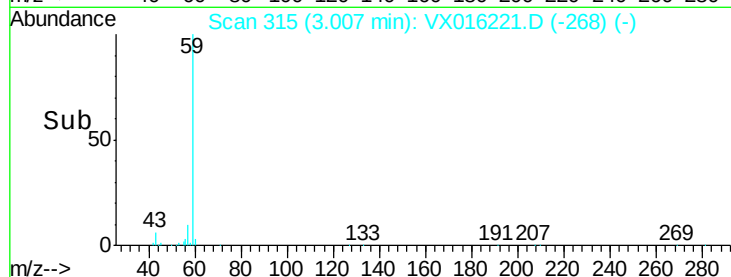
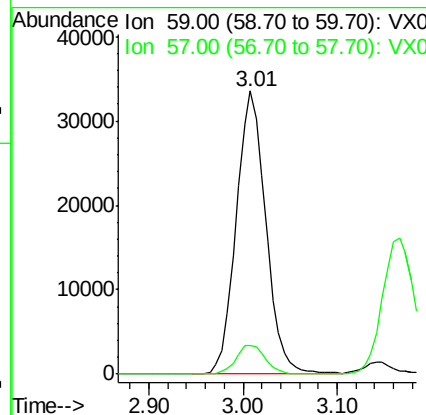
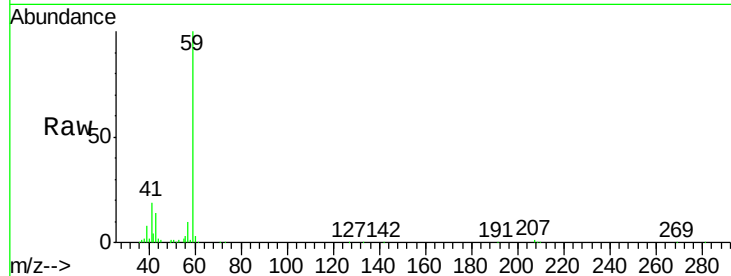
Tert butyl alcohol
Concen: 80.909 ug/l
RT: 3.01 min Scan# 315
Delta R.T. -0.01 min
Lab File: VX016221.D
Acq: 14 May 2020 11:29

Instrument :
MSVOA_X
ClientSampleId :
VX0514WBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.5	8.2	12.4

Manual Integrations
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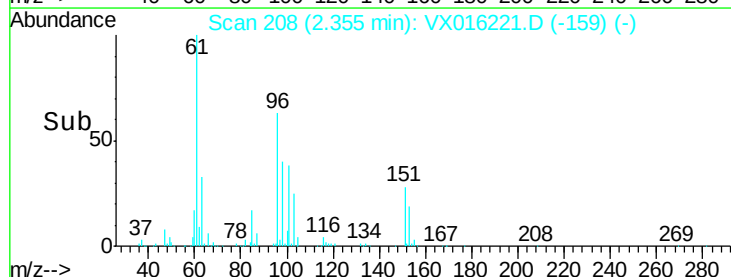
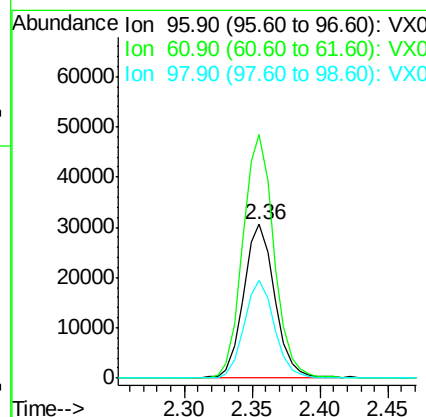
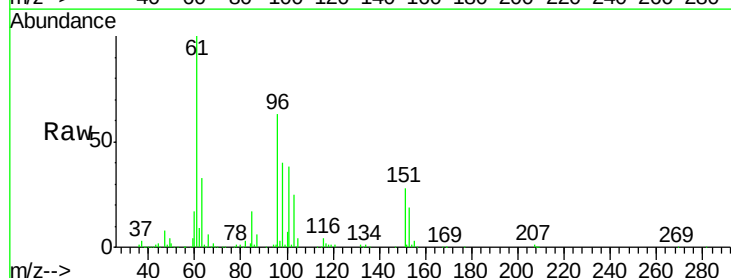
MMDadoda
5/15/2020 12:28:58 PM

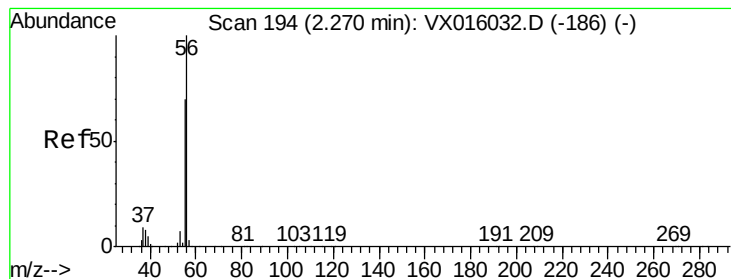


#12

1,1-Dichloroethene
Concen: 17.341 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX016221.D
Acq: 14 May 2020 11:29

Tgt Ion	Ratio	Lower	Upper
96	100		
61	158.6	124.8	187.2
98	63.5	49.7	74.5





#13

Acrolein

Concen: 66.157 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.00 min

Lab File: VX016221.D

Acq: 14 May 2020 11:29

Instrument :

MSVOA_X

ClientSampleId :

VX0514WBS01

Tot Ion: 56 Resp: 37623

Ion Ratio Lower Upper

56 100

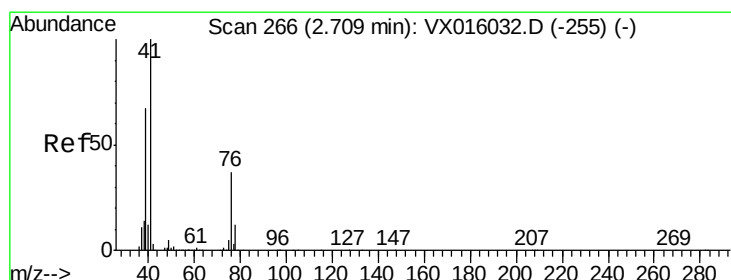
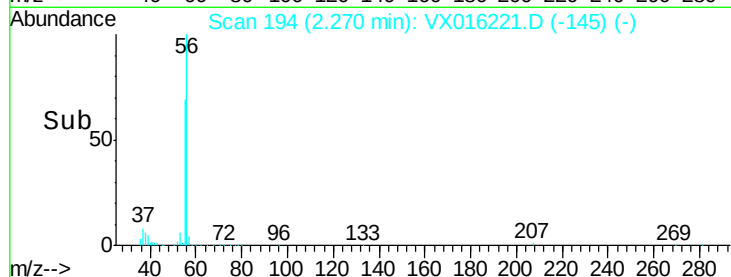
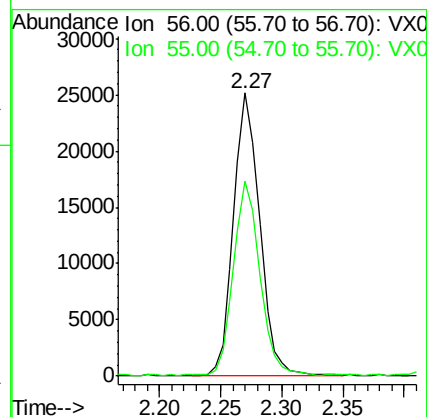
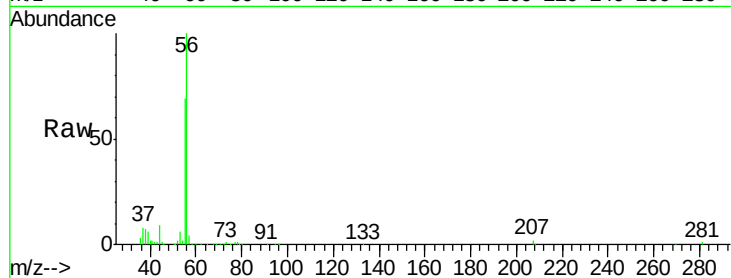
55 68.9 56.5 84.7

Manual Integrations

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#14

Allyl chloride

Concen: 17.153 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX016221.D

Acq: 14 May 2020 11:29

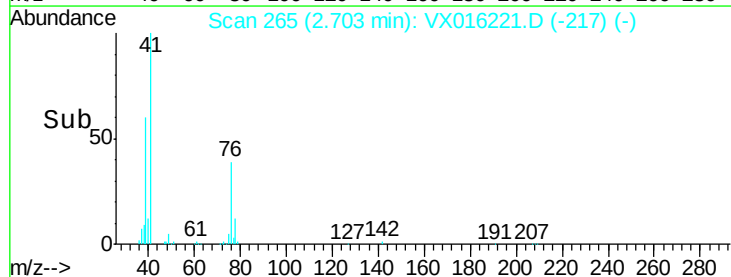
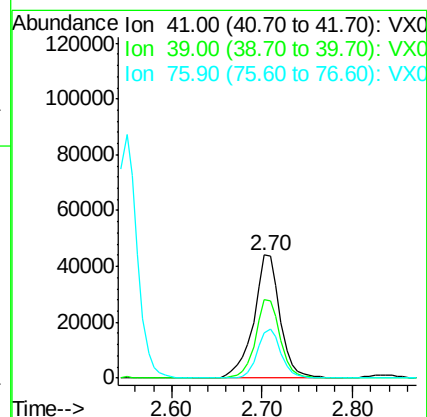
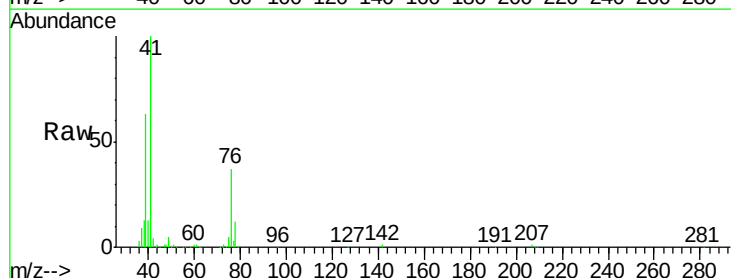
Tgt Ion: 41 Resp: 89287

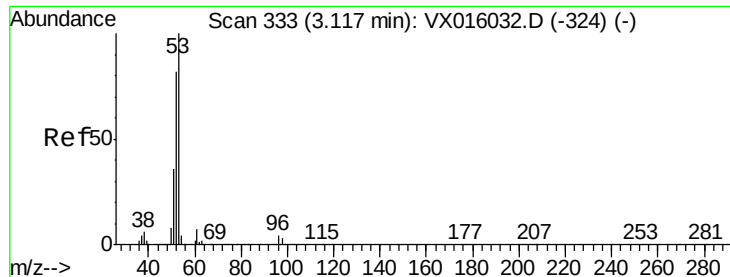
Ion Ratio Lower Upper

41 100

39 58.5 50.5 75.7

76 35.2 26.6 40.0





#15

Acrylonitrile

Concen: 86.791 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.01 min

Lab File: VX016221.D

Acq: 14 May 2020 11:29

Instrument :

MSVOA_X

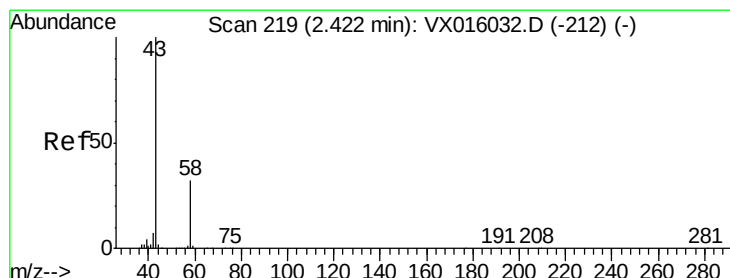
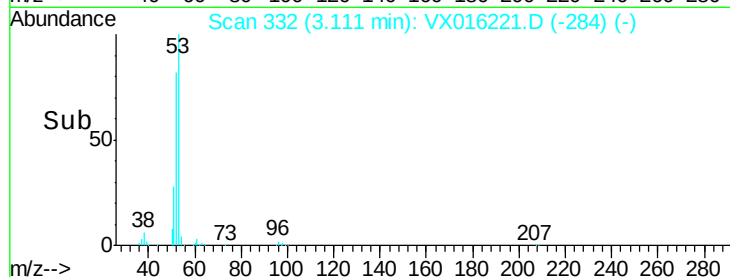
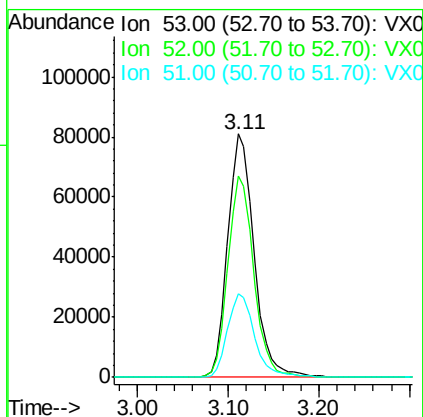
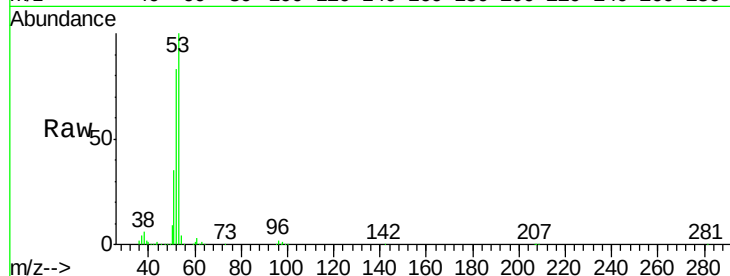
ClientSampleId :

VX0514WBS01

Tot Ion:	53	Resp:	163626
Ion Ratio		Lower	Upper
53	100		
52	81.5	66.1	99.1
51	35.6	28.8	43.2

Manual Integrations
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#16

Acetone

Concen: 78.830 ug/l

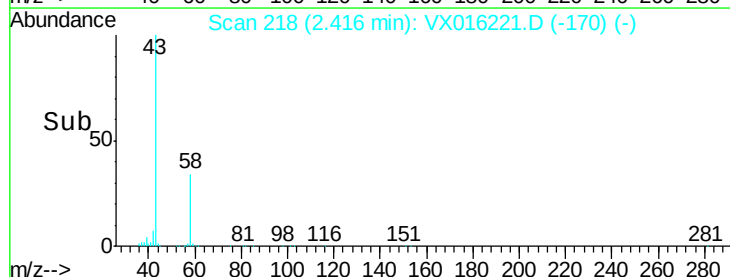
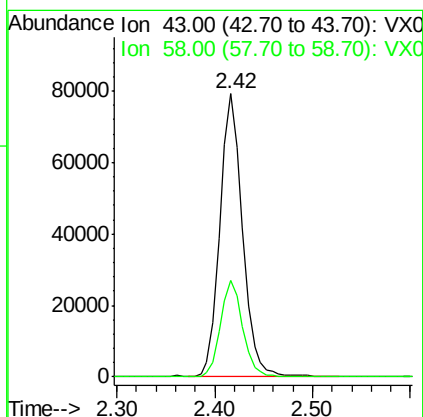
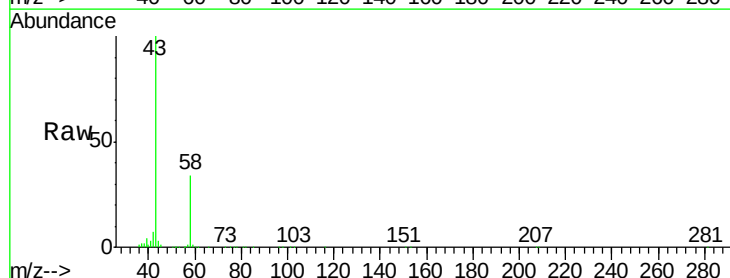
RT: 2.42 min Scan# 218

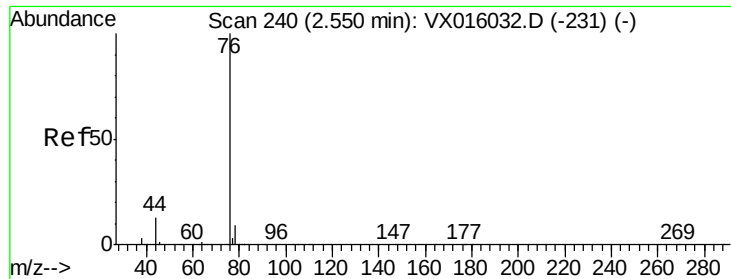
Delta R.T. -0.01 min

Lab File: VX016221.D

Acq: 14 May 2020 11:29

Tgt Ion:	43	Resp:	126407
Ion Ratio		Lower	Upper
43	100		
58	34.1	25.4	38.0





#17

Carbon Disulfide

Concen: 16.439 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX016221.D

Acq: 14 May 2020 11:29

Instrument :

MSVOA_X

ClientSampleId :

VX0514WBS01

Tot Ion: 76 Resp: 141340

Ion Ratio Lower Upper

76 100

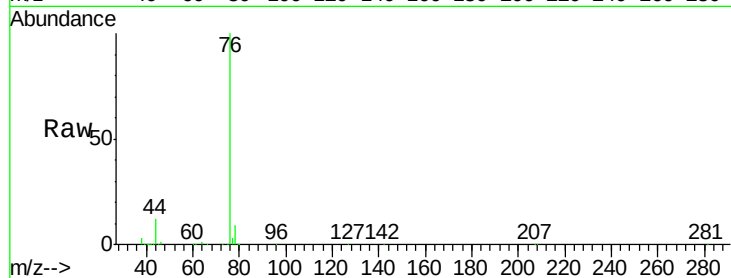
78 8.9 7.5 11.3

Manual Integrations

APPROVED

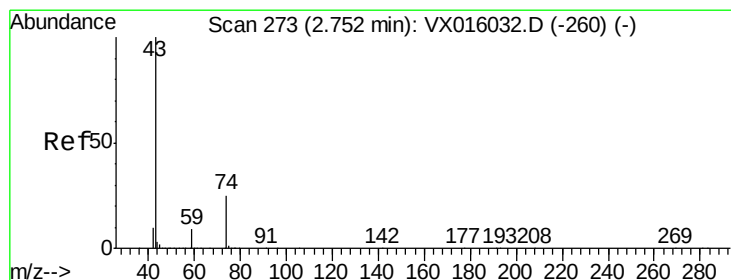
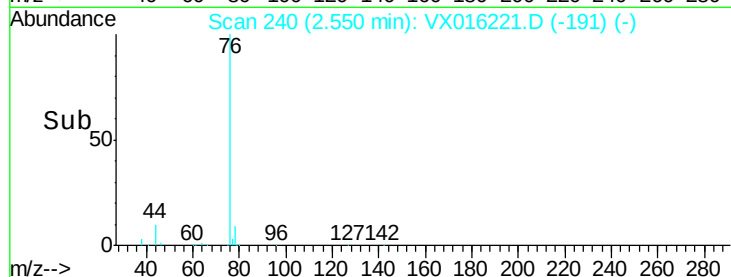
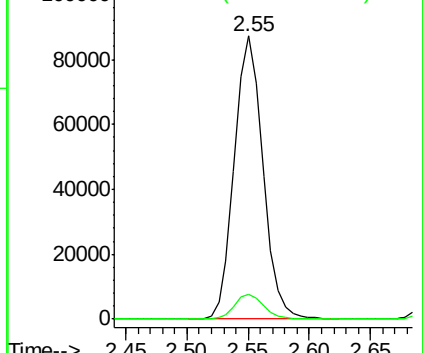
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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 17.959 ug/l

RT: 2.75 min Scan# 272

Delta R.T. -0.01 min

Lab File: VX016221.D

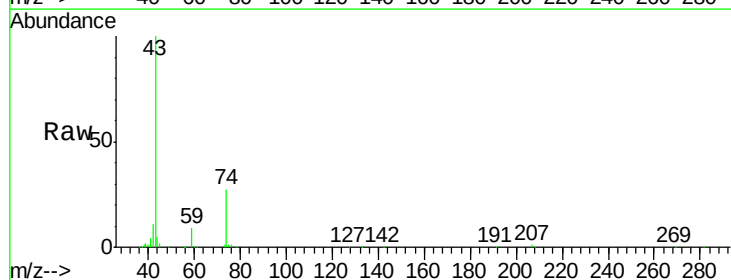
Acq: 14 May 2020 11:29

Tgt Ion: 43 Resp: 70809

Ion Ratio Lower Upper

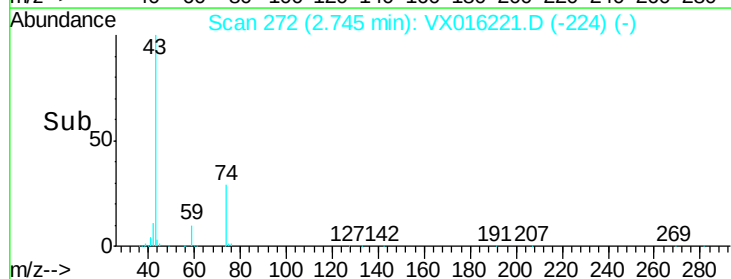
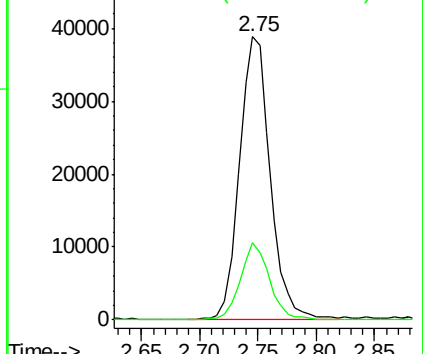
43 100

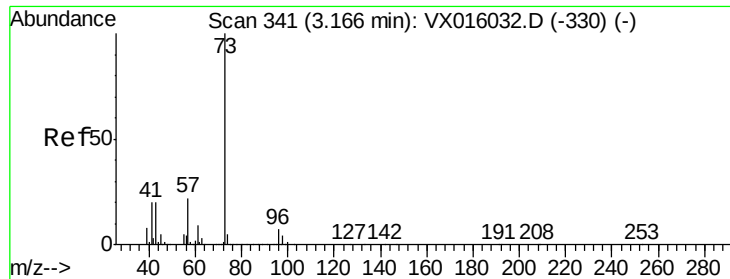
74 26.5 20.2 30.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





#19

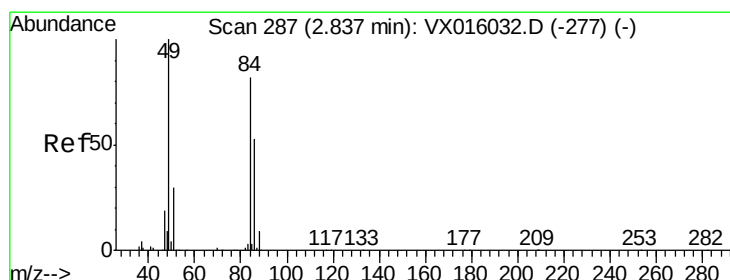
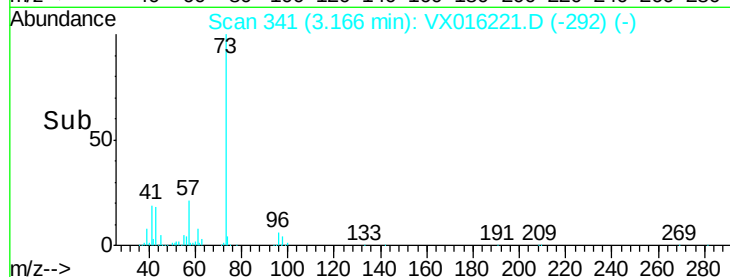
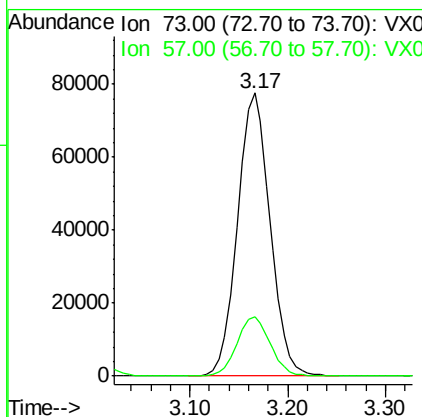
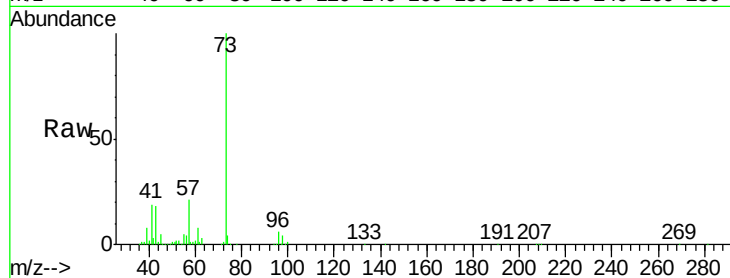
Methyl tert-butyl Ether
 Concen: 18.350 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. -0.00 min
 Lab File: VX016221.D
 Acq: 14 May 2020 11:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0514WBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	20.8	17.8	26.6

Manual Integrations
 APPROVED

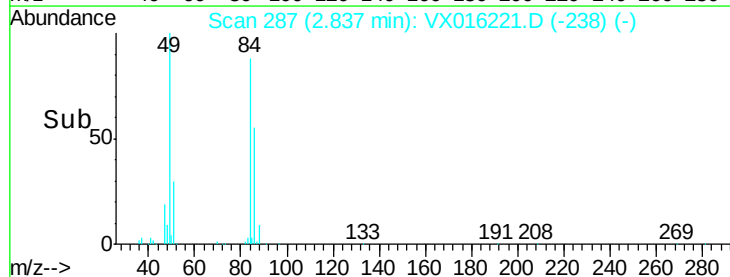
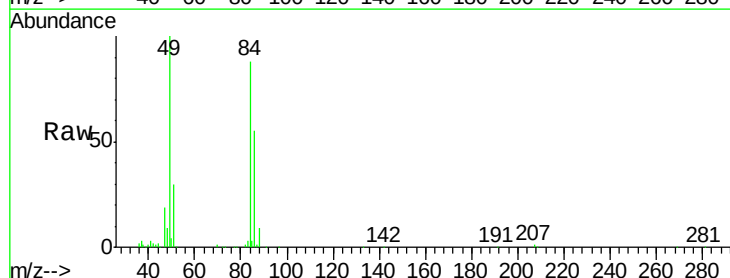
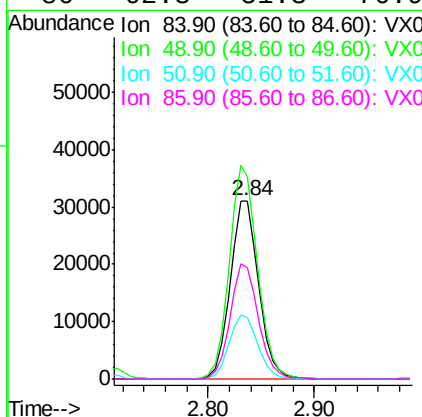
MMDadoda
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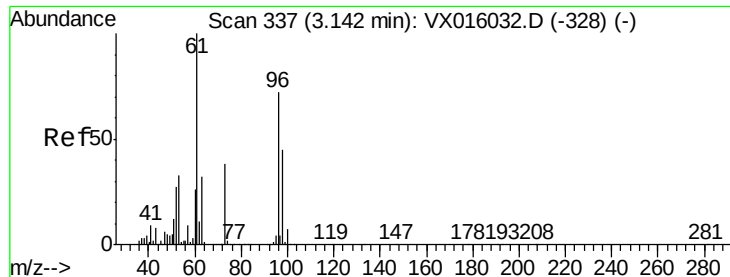


#20

Methylene Chloride
 Concen: 17.599 ug/l
 RT: 2.84 min Scan# 287
 Delta R.T. -0.00 min
 Lab File: VX016221.D
 Acq: 14 May 2020 11:29

Tgt Ion	Ratio	Lower	Upper
84	100		
49	113.5	97.3	145.9
51	34.4	29.3	43.9
86	62.3	51.3	76.9





#21

trans-1,2-Dichloroethene

Concen: 17.282 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX016221.D

Acq: 14 May 2020 11:29

Instrument :

MSVOA_X

ClientSampleId :

VX0514WBS01

Tot Ion: 96 Resp: 54675

Ion Ratio Lower Upper

96 100

61 140.8 111.2 166.8

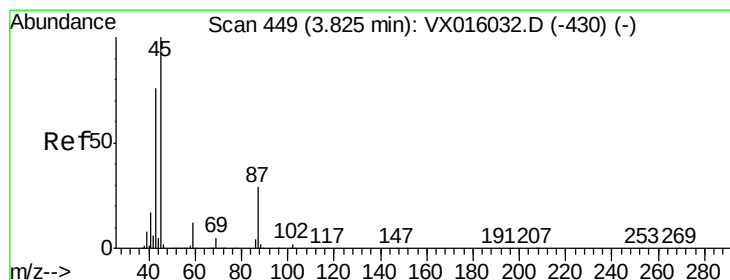
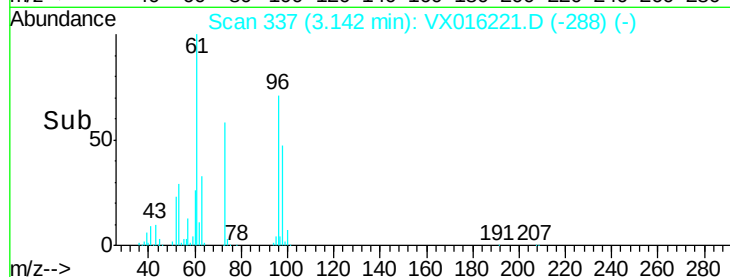
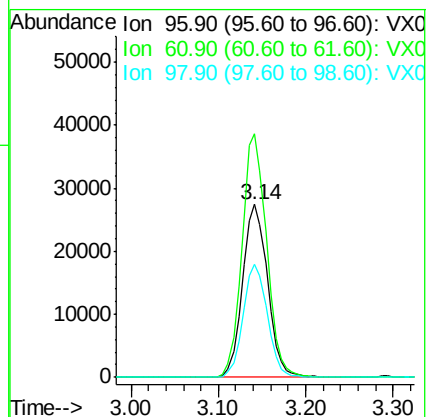
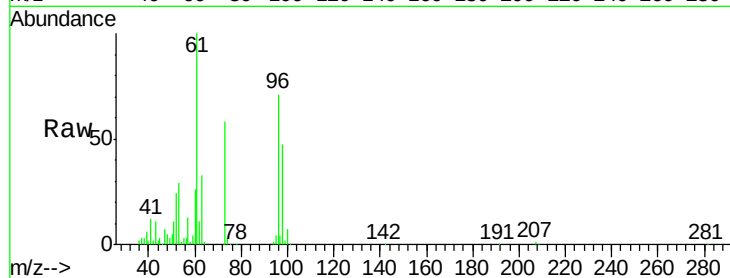
98 65.5 50.2 75.4

Manual Integrations

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#22

Diisopropyl ether

Concen: 17.937 ug/l

RT: 3.82 min Scan# 449

Delta R.T. -0.00 min

Lab File: VX016221.D

Acq: 14 May 2020 11:29

Tgt Ion: 45 Resp: 176147

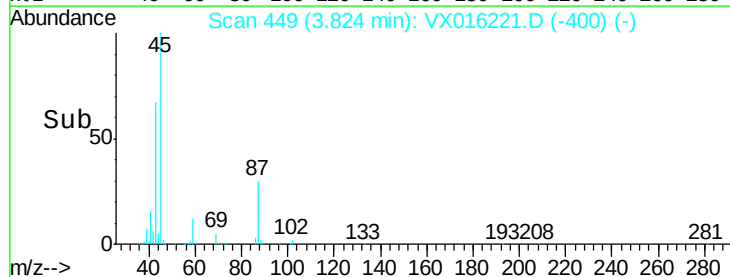
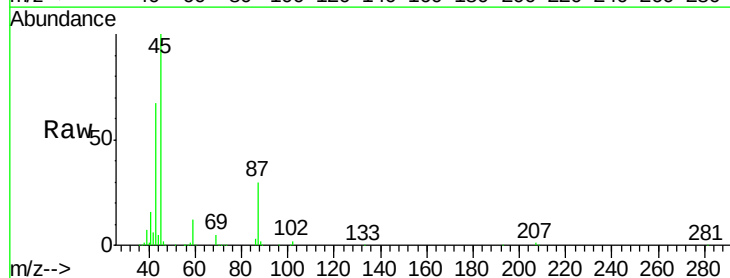
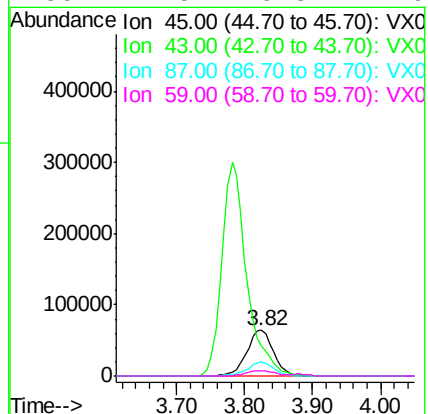
Ion Ratio Lower Upper

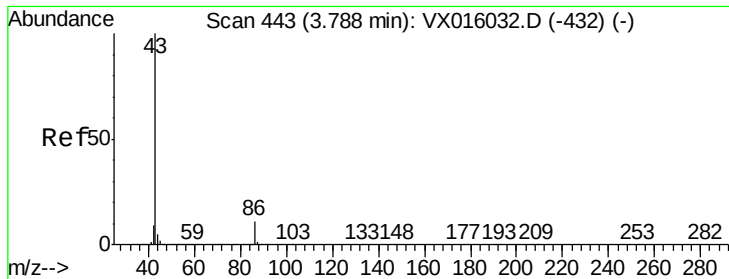
45 100

43 67.2 61.1 91.7

87 29.8 23.0 34.6

59 11.5 9.8 14.6





#23

Vinyl Acetate

Concen: 88.020 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX016221.D

Acq: 14 May 2020 11:29

Instrument :

MSVOA_X

ClientSampleId :

VX0514WBS01

Tot Ion: 43 Resp: 760481

Ion Ratio Lower Upper

43 100

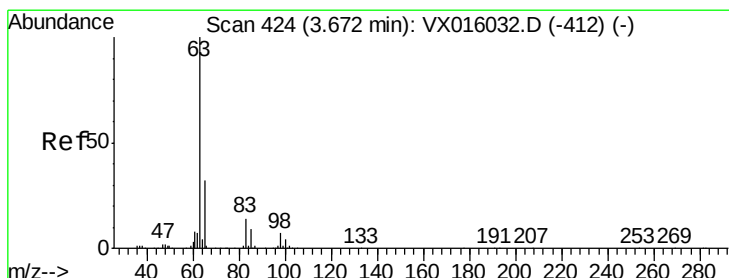
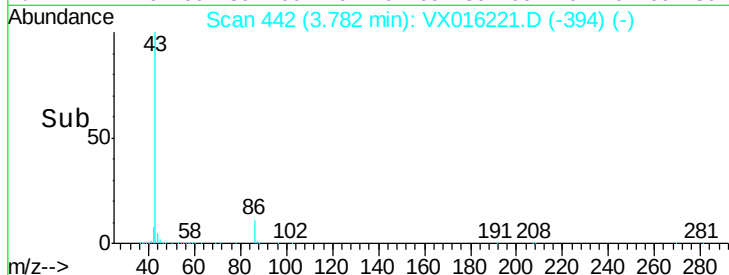
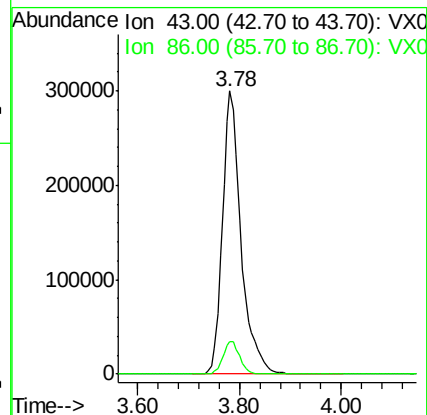
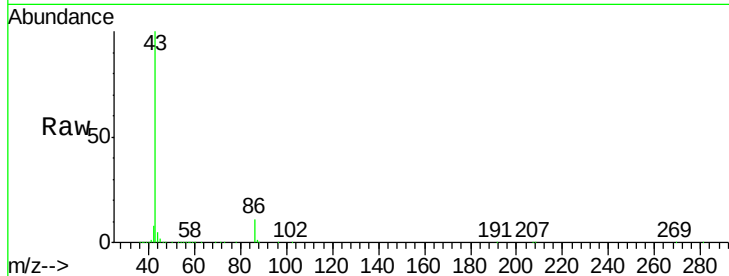
86 11.3 9.0 13.4

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 18.260 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX016221.D

Acq: 14 May 2020 11:29

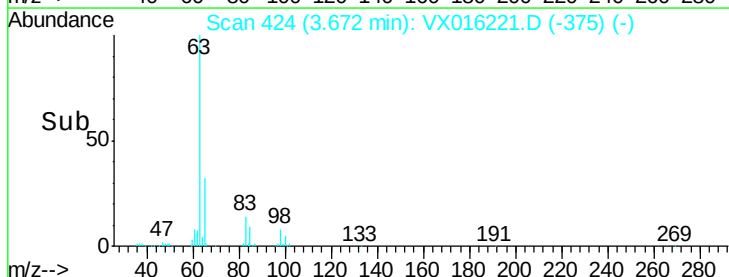
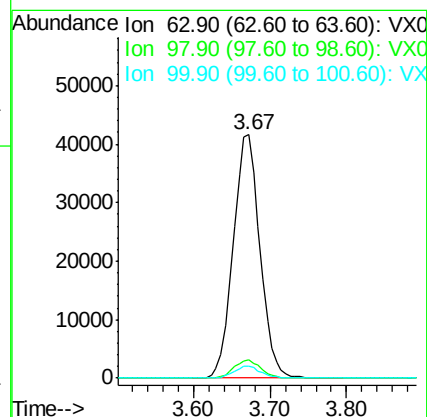
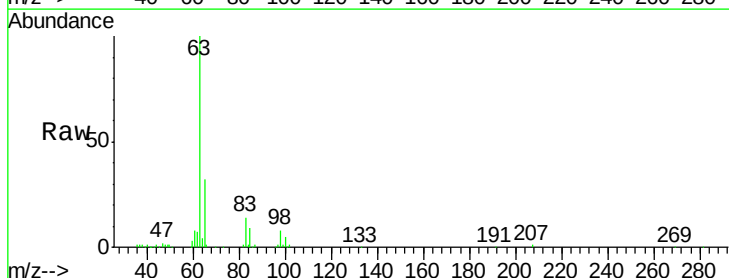
Tgt Ion: 63 Resp: 100312

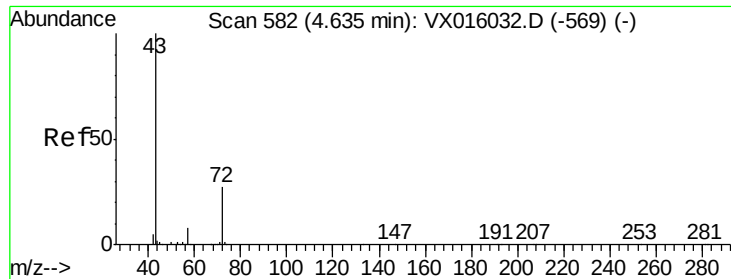
Ion Ratio Lower Upper

63 100

98 7.7 3.5 10.5

100 4.7 2.1 6.5





#25

2-Butanone

Concen: 85.637 ug/l

RT: 4.63 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX016221.D

Acq: 14 May 2020 11:29

Instrument :

MSVOA_X

ClientSampleId :

VX0514WBS01

Tot Ion: 43 Resp: 221283

Ion Ratio Lower Upper

43 100

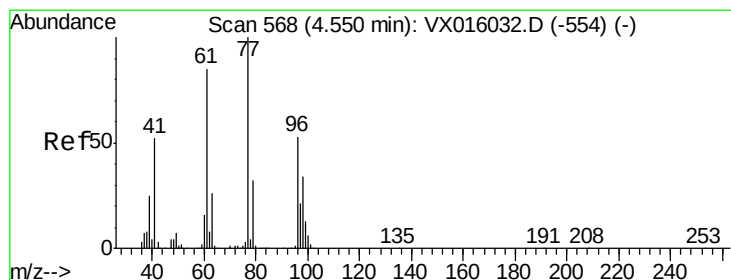
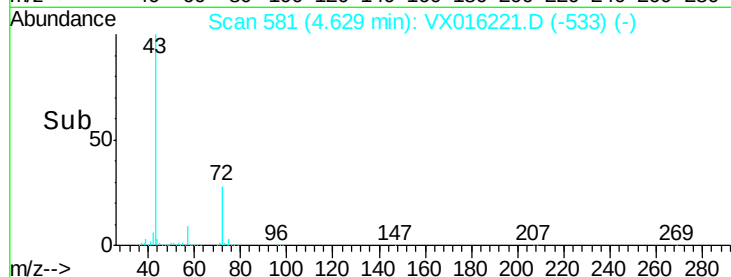
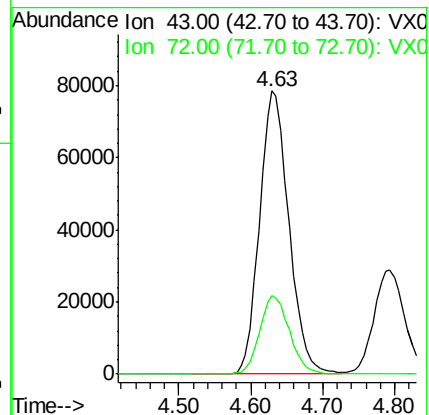
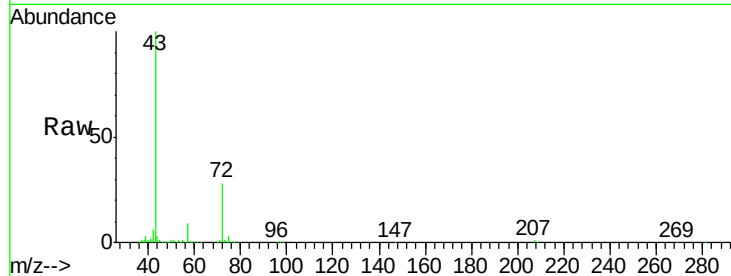
72 27.8 21.8 32.8

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 18.080 ug/l

RT: 4.54 min Scan# 567

Delta R.T. -0.01 min

Lab File: VX016221.D

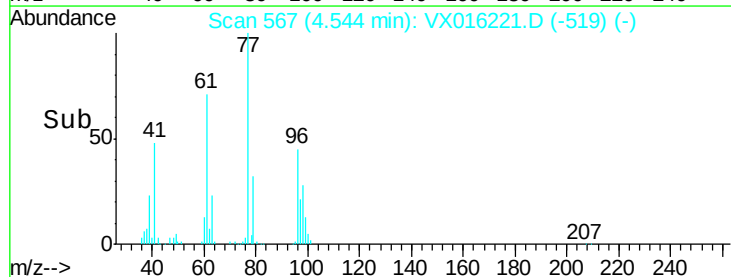
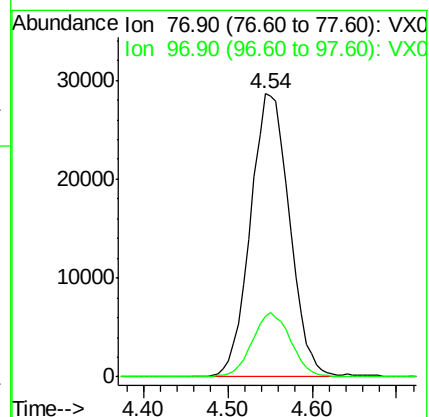
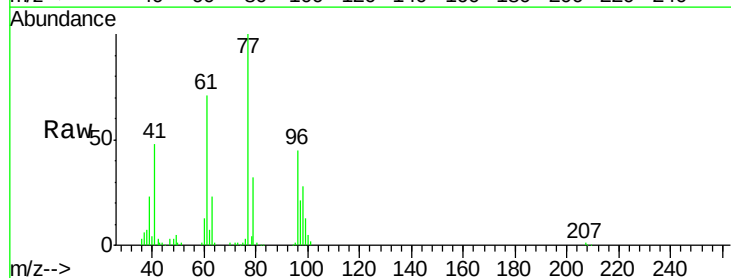
Acq: 14 May 2020 11:29

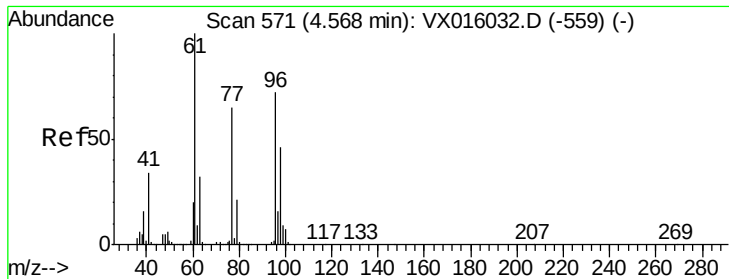
Tgt Ion: 77 Resp: 90706

Ion Ratio Lower Upper

77 100

97 22.4 11.2 33.6





#27

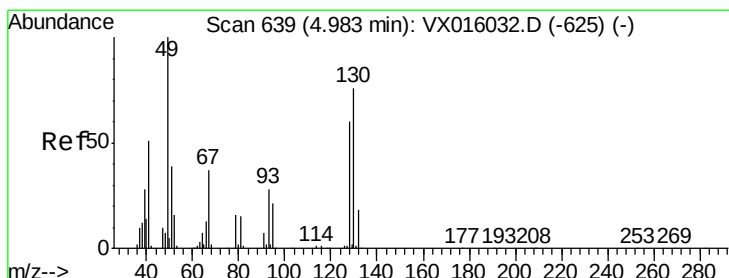
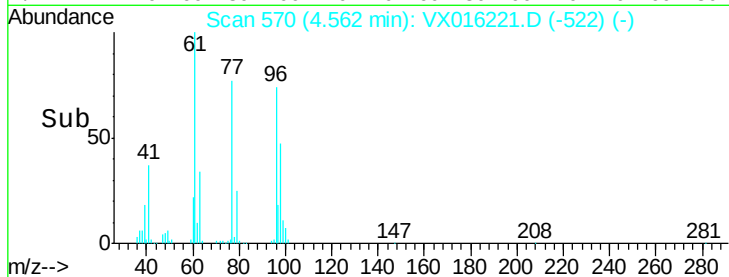
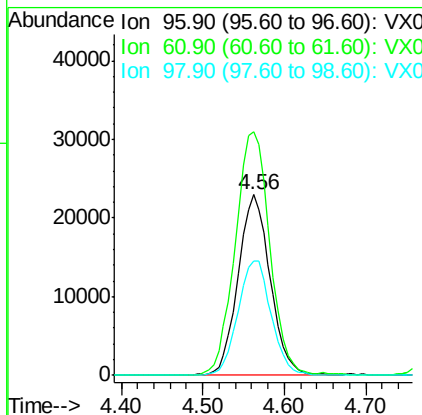
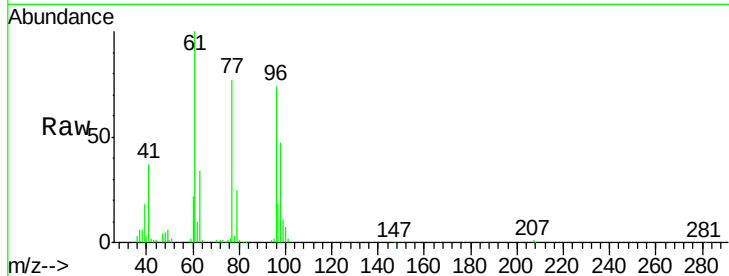
cis-1,2-Dichloroethene
Concen: 18.189 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.01 min
Lab File: VX016221.D
Acq: 14 May 2020 11:29

Instrument :
MSVOA_X
ClientSampleId :
VX0514WBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	145.3	0.0	296.2
98	65.3	0.0	129.4

Manual Integrations
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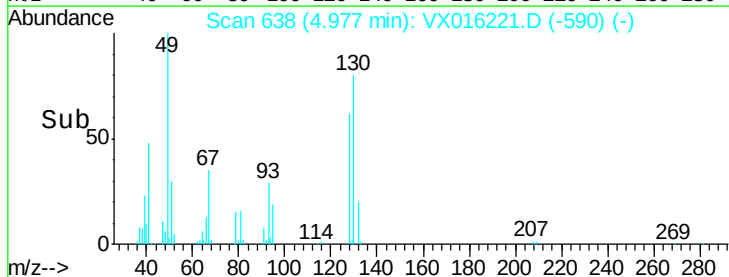
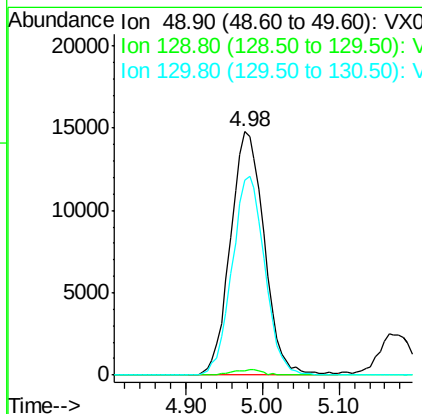
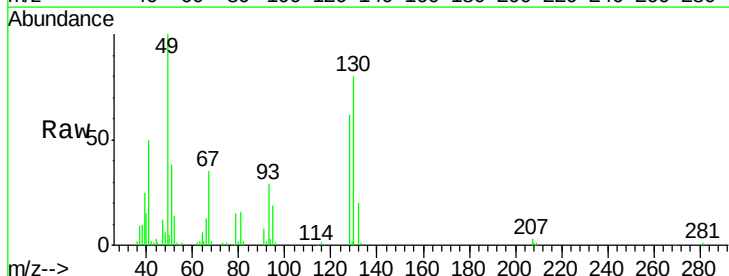
MMDadoda
5/15/2020 12:28:58 PM

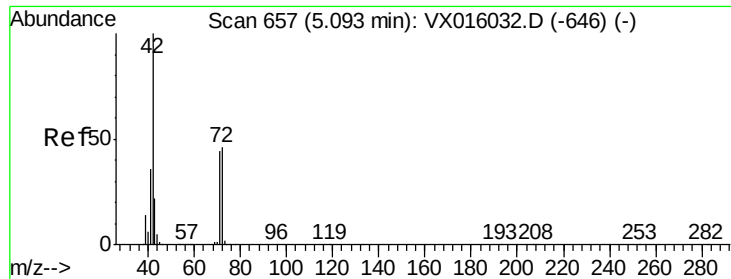


#28

Bromochloromethane
Concen: 18.087 ug/l
RT: 4.98 min Scan# 638
Delta R.T. -0.01 min
Lab File: VX016221.D
Acq: 14 May 2020 11:29

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	4.0
130	78.7	62.4	93.6





#29

Tetrahydrofuran

Concen: 86.216 ug/l

RT: 5.09 min Scan# 656

Delta R.T. -0.01 min

Lab File: VX016221.D

Acq: 14 May 2020 11:29

Instrument :

MSVOA_X

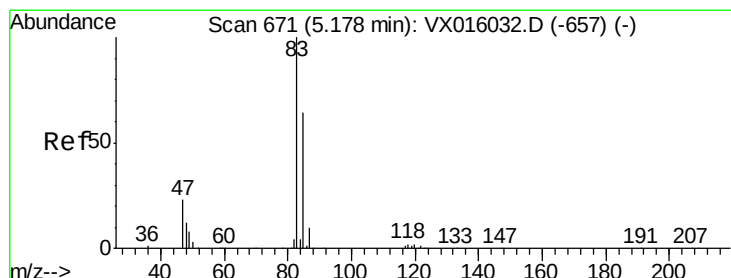
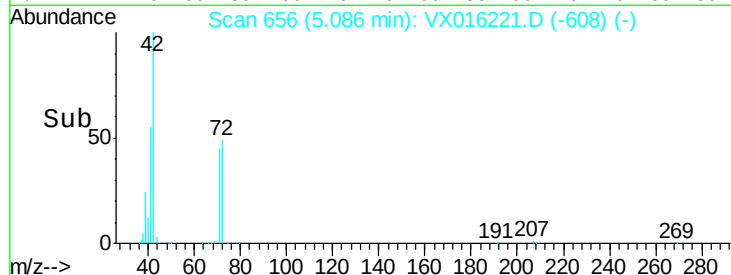
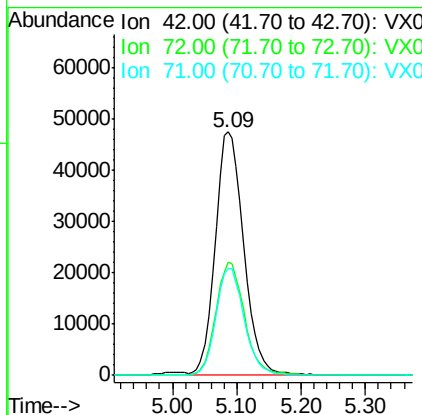
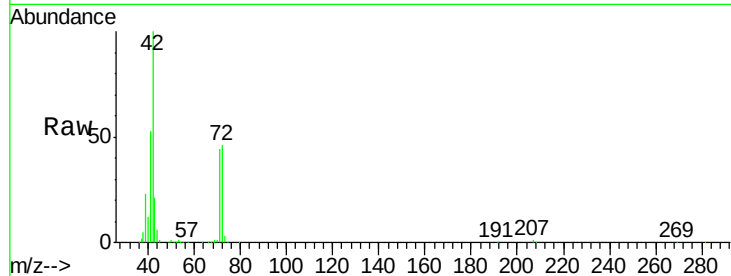
ClientSampleId :

VX0514WBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	47.0	37.1	55.7
71	43.9	34.5	51.7

Manual Integrations
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#30

Chloroform

Concen: 18.388 ug/l

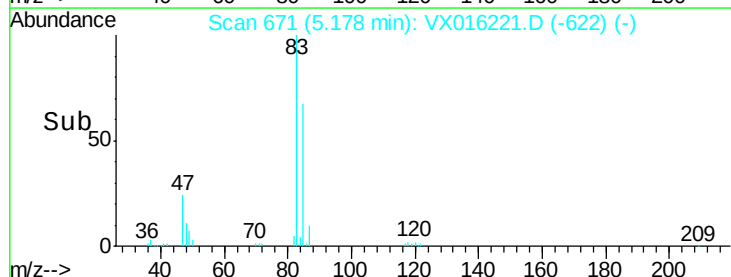
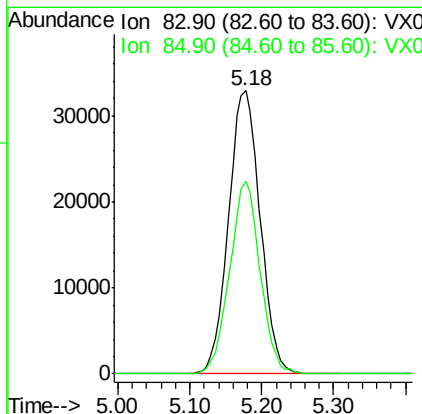
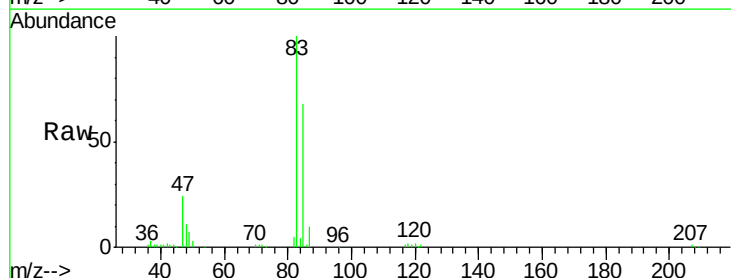
RT: 5.18 min Scan# 671

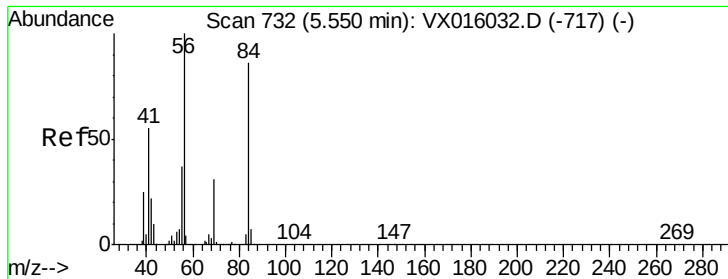
Delta R.T. -0.00 min

Lab File: VX016221.D

Acq: 14 May 2020 11:29

Tgt Ion	Ratio	Lower	Upper
83	100		
85	67.9	51.6	77.4





#31

Cyclohexane

Concen: 17.799 ug/l

RT: 5.55 min Scan# 732

Delta R.T. -0.00 min

Lab File: VX016221.D

Acq: 14 May 2020 11:29

Instrument :

MSVOA_X

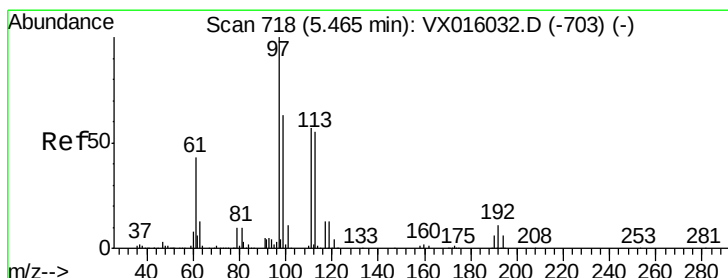
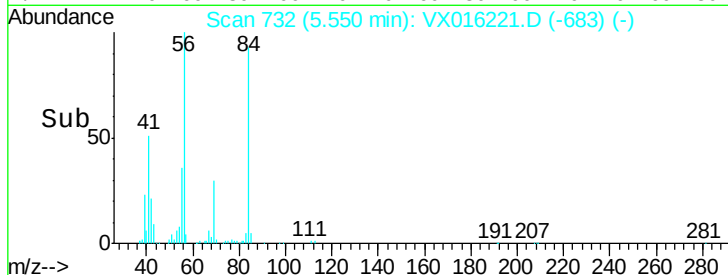
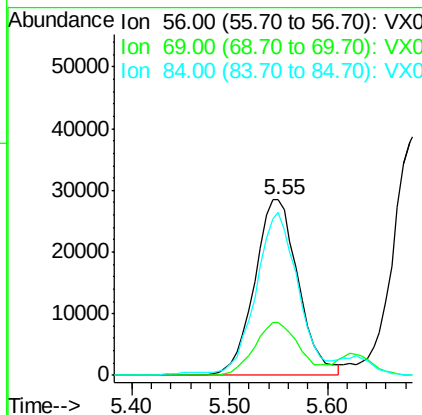
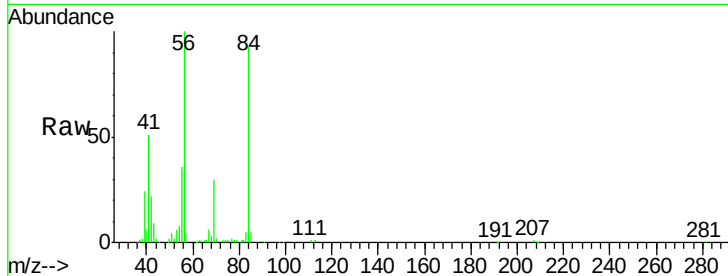
ClientSampleId :

VX0514WBS01

Tot Ion:	56	Resp:	88861
Ion	Ratio	Lower	Upper
56	100		
69	30.5	25.0	37.6
84	90.9	69.0	103.6

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 18.207 ug/l

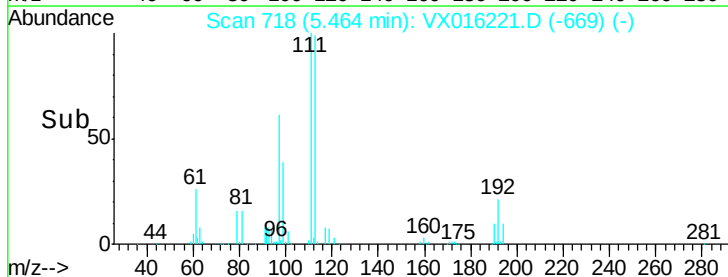
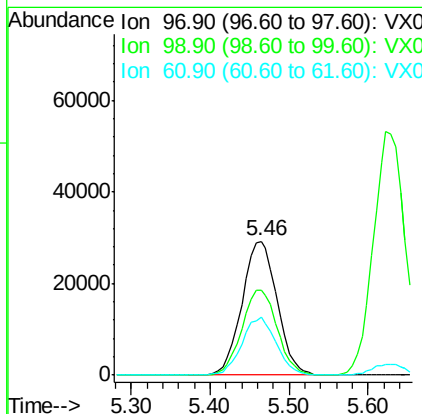
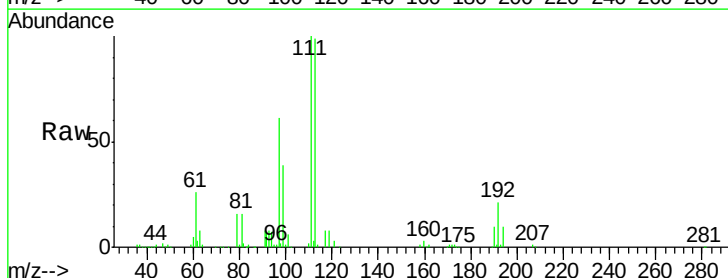
RT: 5.46 min Scan# 718

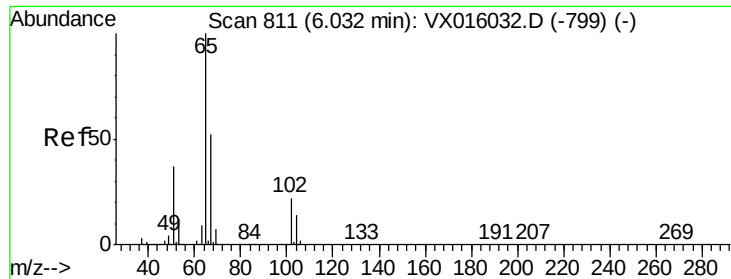
Delta R.T. -0.00 min

Lab File: VX016221.D

Acq: 14 May 2020 11:29

Tgt Ion:	97	Resp:	90524
Ion	Ratio	Lower	Upper
97	100		
99	64.2	51.0	76.4
61	42.5	34.5	51.7





#33

1,2-Dichloroethane-d4

Concen: 46.516 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX016221.D

Acq: 14 May 2020 11:29

Instrument :

MSVOA_X

ClientSampleId :

VX0514WBS01

Tot Ion: 65 Resp: 167170

Ion Ratio Lower Upper

65 100

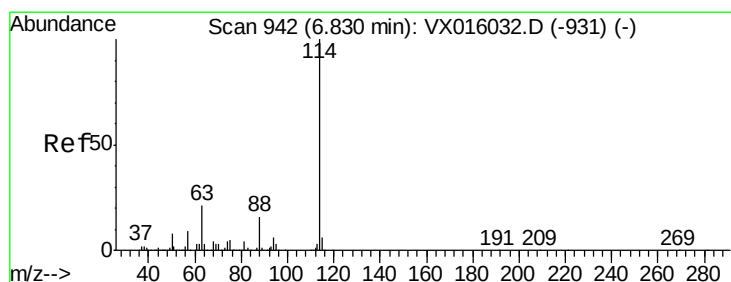
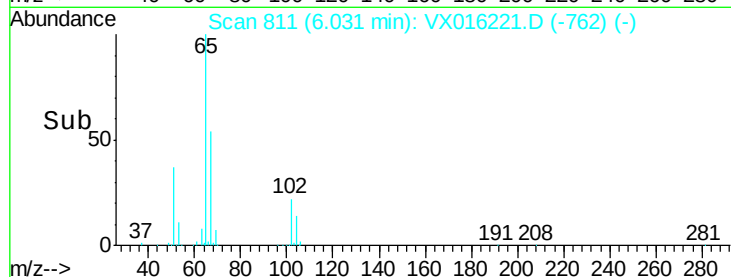
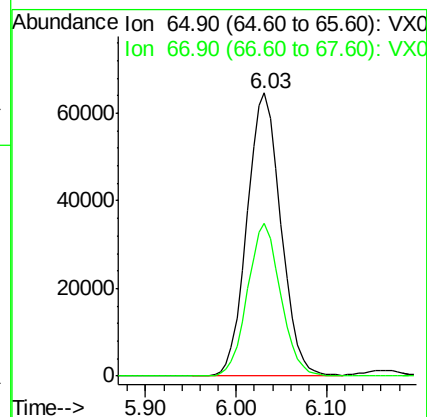
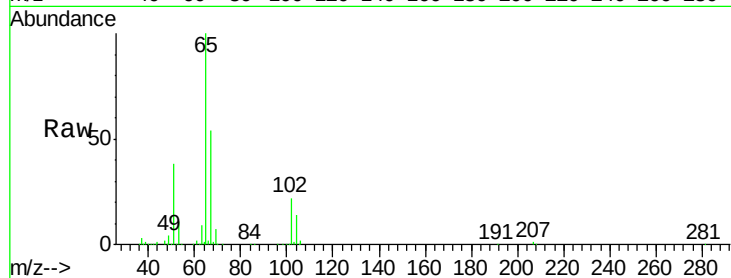
67 52.8 0.0 104.8

Manual Integrations

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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: VX016221.D

Acq: 14 May 2020 11:29

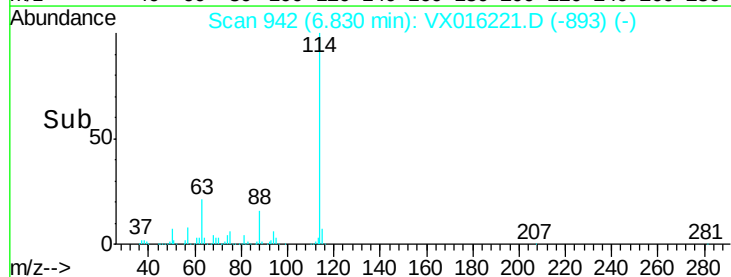
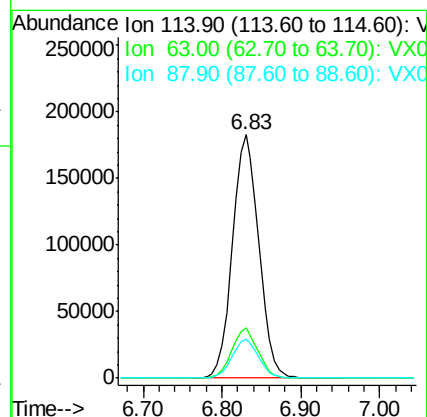
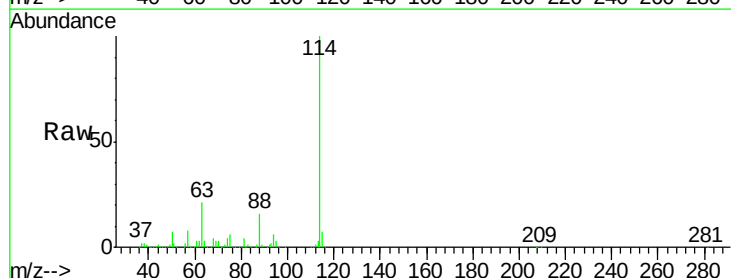
Tgt Ion: 114 Resp: 423695

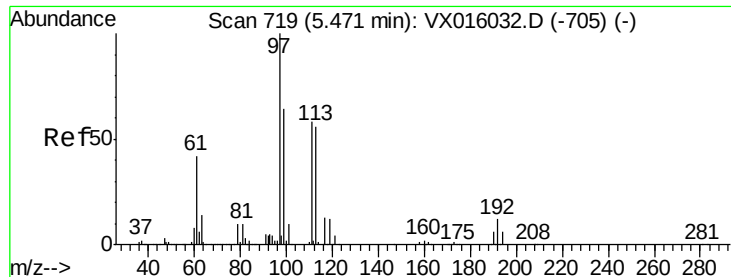
Ion Ratio Lower Upper

114 100

63 20.6 0.0 42.8

88 16.1 0.0 31.4





#35

Dibromofluoromethane

Concen: 49.661 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.01 min

Lab File: VX016221.D

Acq: 14 May 2020 11:29

Instrument :

MSVOA_X

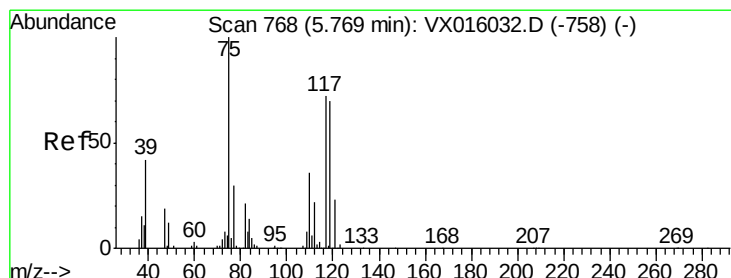
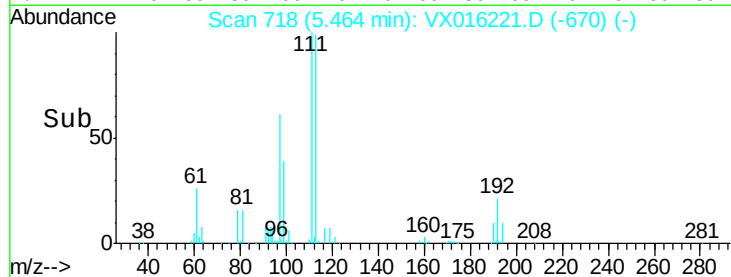
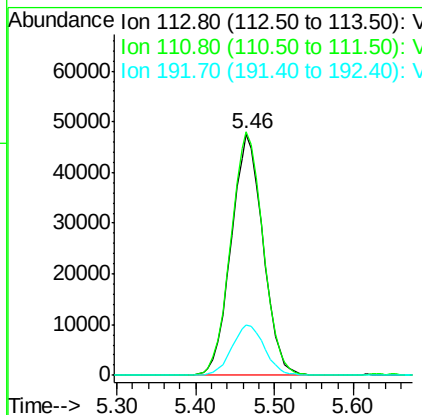
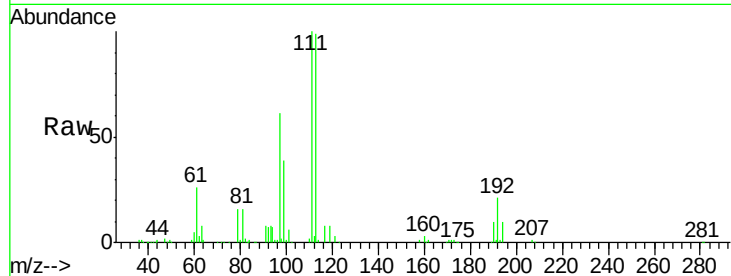
ClientSampleId :

VX0514WBS01

Tot Ion:	113	Resp:	133304
Ion Ratio	Lower	Upper	
113	100		
111	102.4	81.6	122.4
192	21.4	17.0	25.4

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 18.104 ug/l

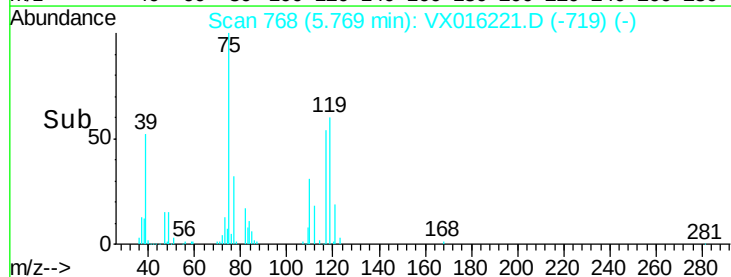
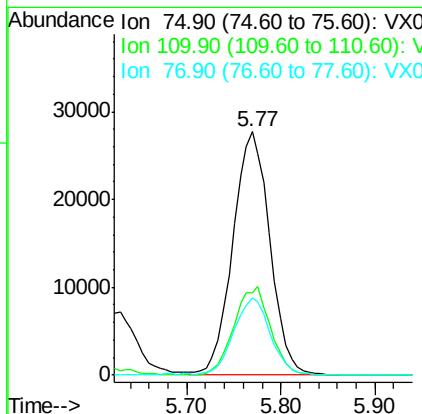
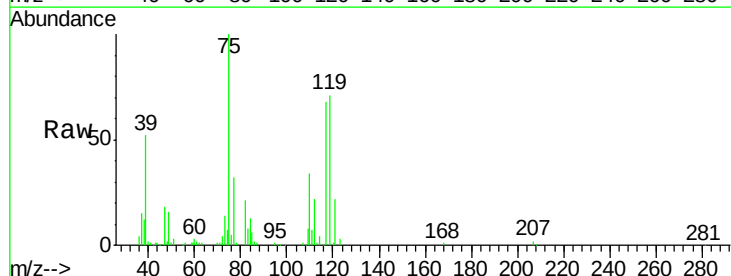
RT: 5.77 min Scan# 768

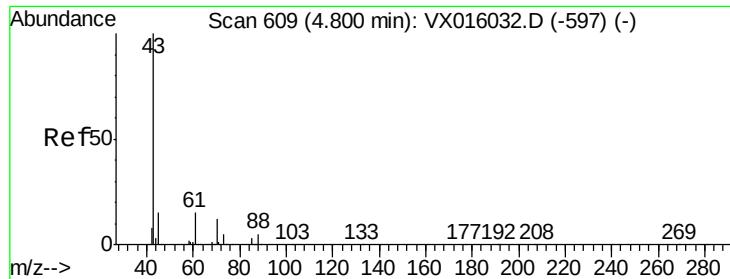
Delta R.T. -0.00 min

Lab File: VX016221.D

Acq: 14 May 2020 11:29

Tgt Ion:	75	Resp:	75507
Ion Ratio	Lower	Upper	
75	100		
110	35.9	18.1	54.1
77	31.8	25.0	37.6





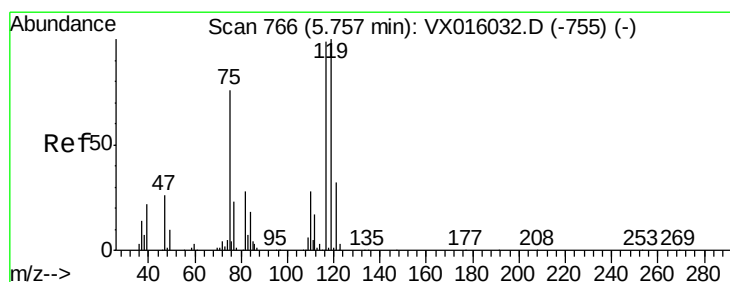
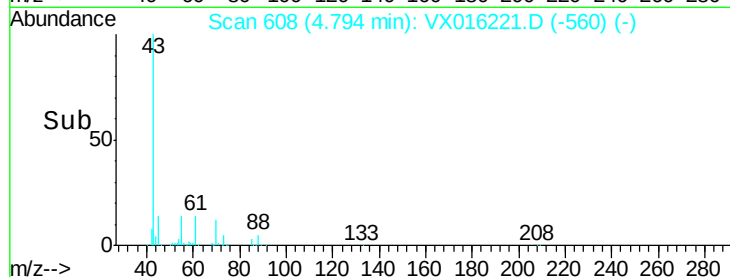
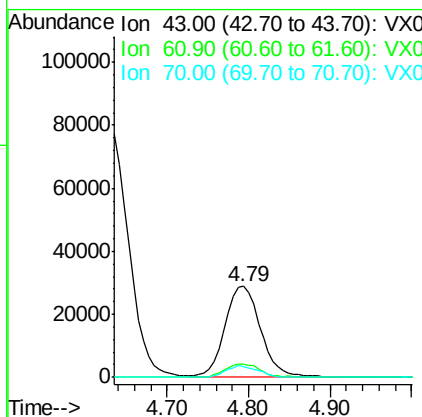
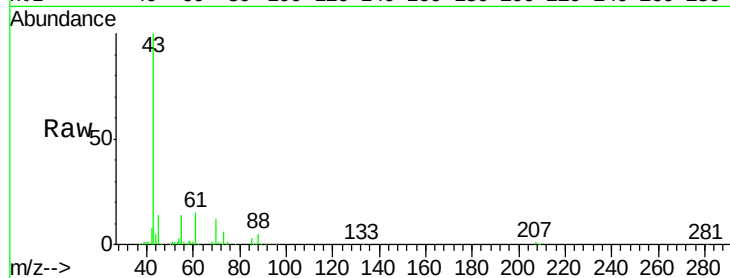
#37
Ethyl Acetate
Concen: 17.787 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.01 min
Lab File: VX016221.D
Acq: 14 May 2020 11:29

Instrument :
MSVOA_X
ClientSampleId :
VX0514WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.2	11.7	17.5
70	12.1	9.3	13.9

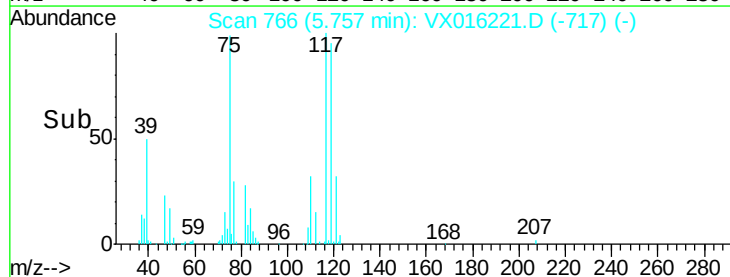
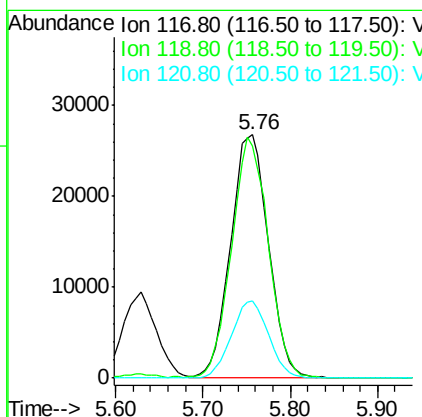
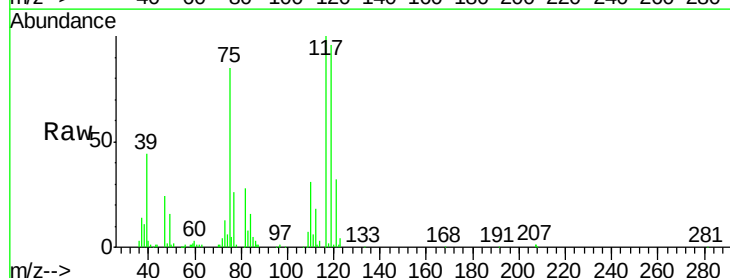
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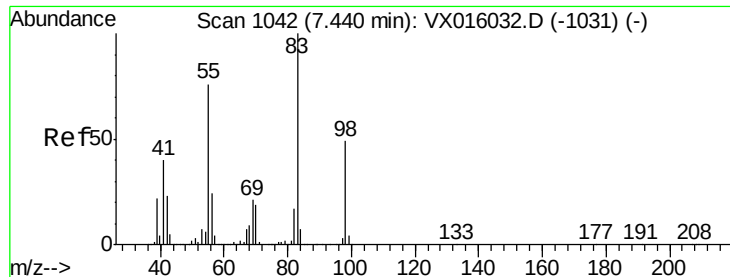
MMDadoda
5/15/2020 12:28:58 PM



#38
Carbon Tetrachloride
Concen: 19.054 ug/l
RT: 5.76 min Scan# 766
Delta R.T. -0.00 min
Lab File: VX016221.D
Acq: 14 May 2020 11:29

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.6	80.3	120.5
121	31.6	25.7	38.5





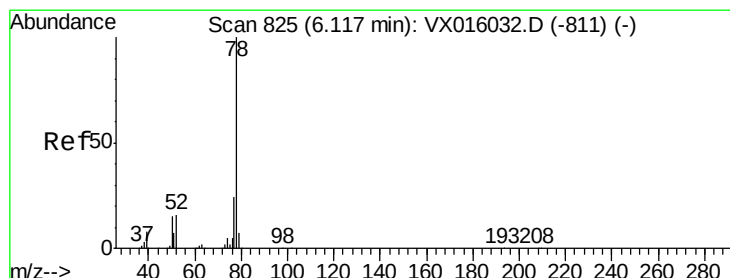
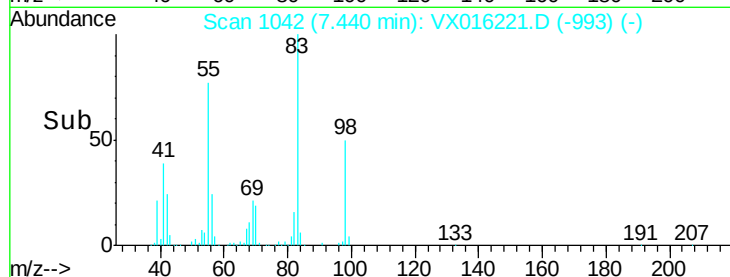
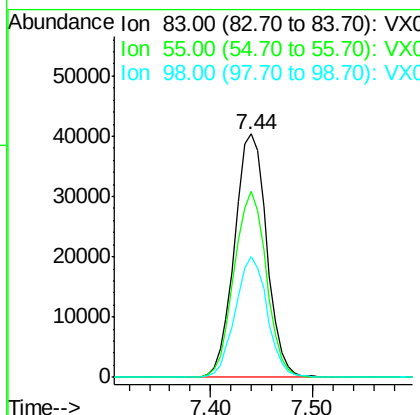
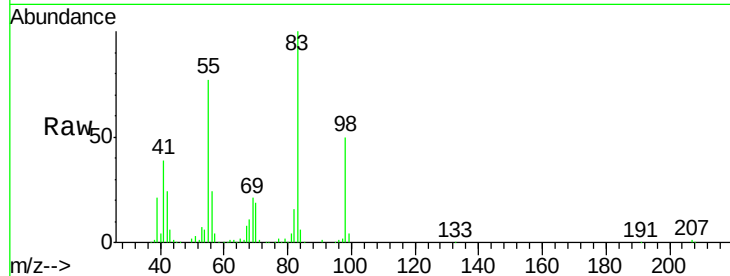
#39
Methylvlcyclohexane
Concen: 17.628 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX016221.D
Acq: 14 May 2020 11:29

Instrument :
MSVOA_X
ClientSampleId :
VX0514WBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	76.5	61.1	91.7
98	49.8	39.0	58.4

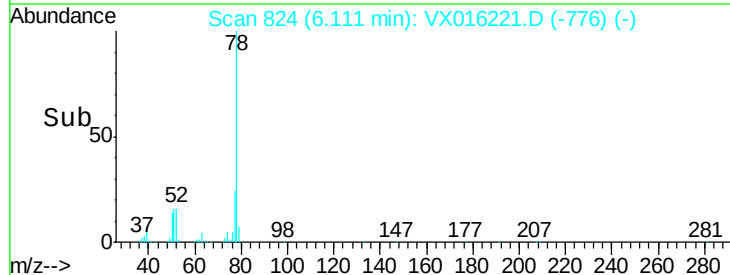
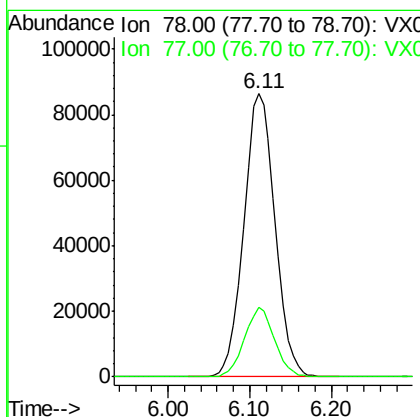
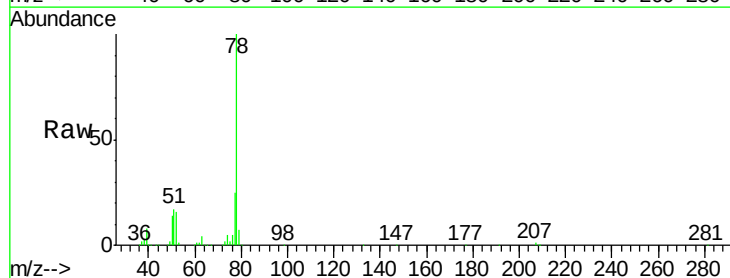
Manual Integrations
APPROVED

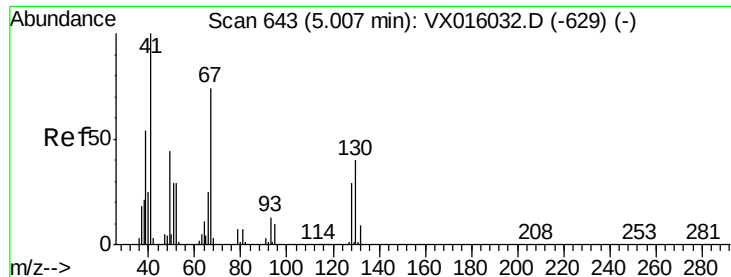
MMDadoda
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#40
Benzene
Concen: 18.811 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.01 min
Lab File: VX016221.D
Acq: 14 May 2020 11:29

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.6	19.0	28.4





#41

Methacrylonitrile

Concen: 17.709 ug/l

RT: 5.00 min Scan# 642

Delta R.T. -0.01 min

Lab File: VX016221.D

Acq: 14 May 2020 11:29

Instrument :

MSVOA_X

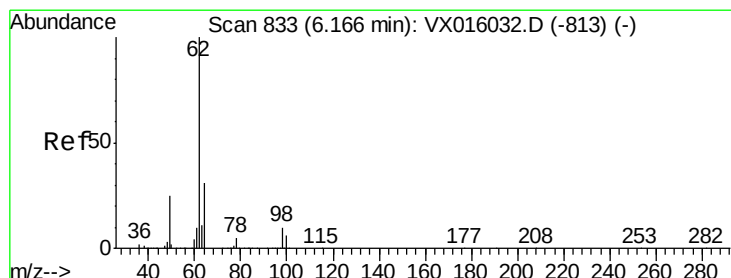
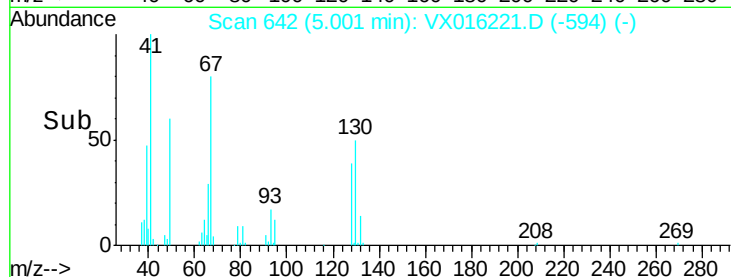
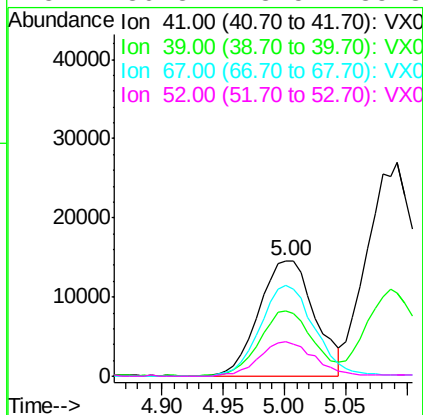
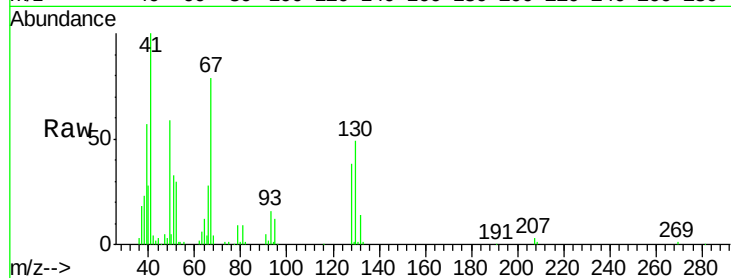
ClientSampleId :

VX0514WBS01

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	54.0	43.2	64.8	
67	77.3	59.3	88.9	
52	30.3	23.5	35.3	

Manual Integrations
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#42

1,2-Dichloroethane

Concen: 18.202 ug/l

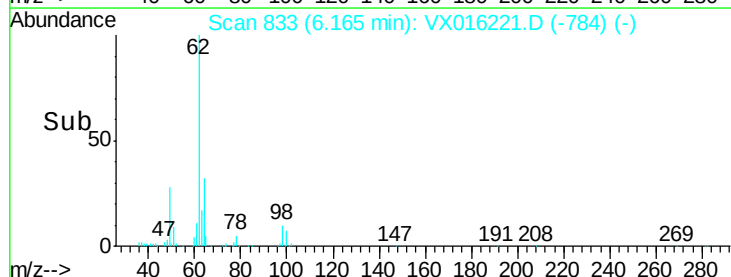
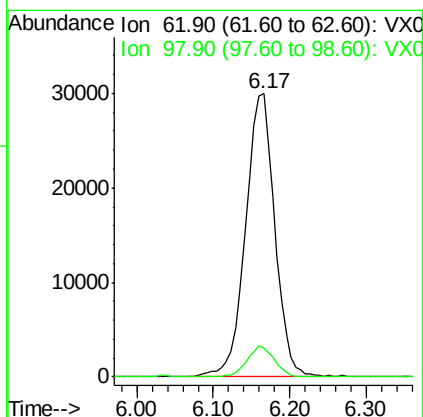
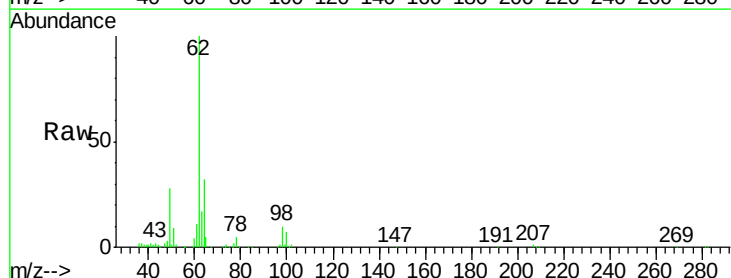
RT: 6.17 min Scan# 833

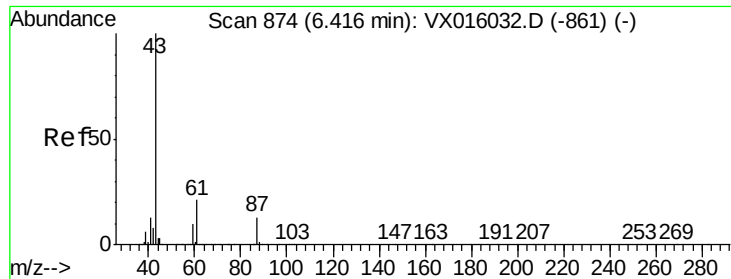
Delta R.T. -0.00 min

Lab File: VX016221.D

Acq: 14 May 2020 11:29

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.3	0.0	19.4	





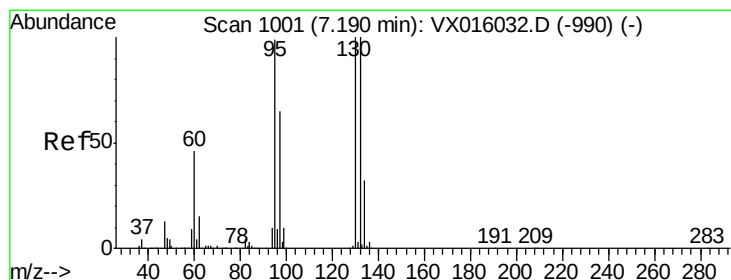
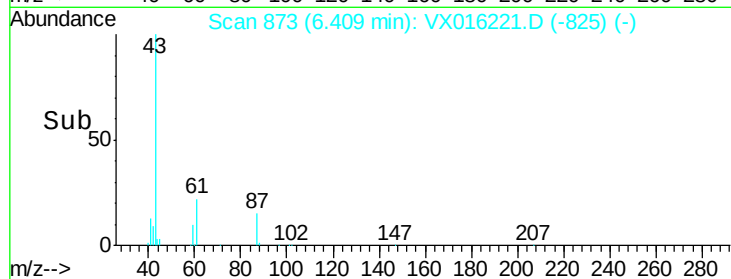
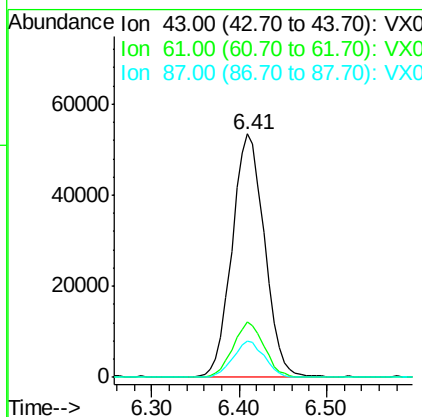
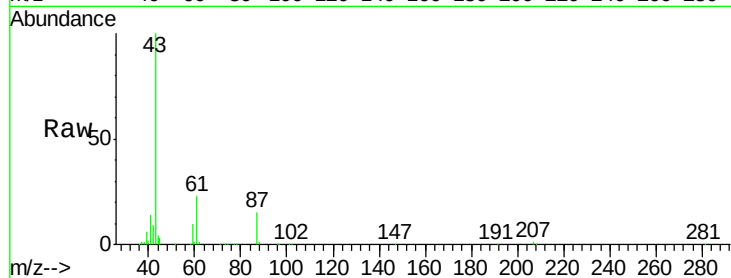
#43
Isopropyl Acetate
Concen: 17.830 ug/l
RT: 6.41 min Scan# 873
Delta R.T. -0.01 min
Lab File: VX016221.D
Acq: 14 May 2020 11:29

Instrument :
MSVOA_X
ClientSampleId :
VX0514WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	22.0	17.0	25.4
87	14.4	11.0	16.6

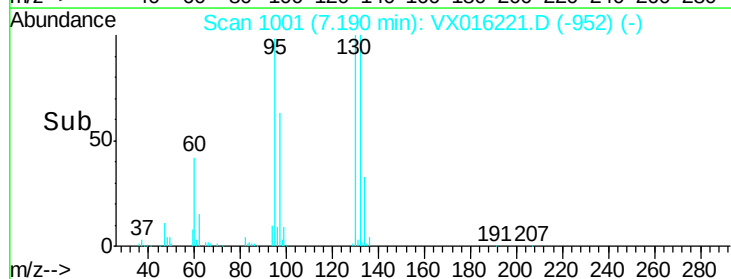
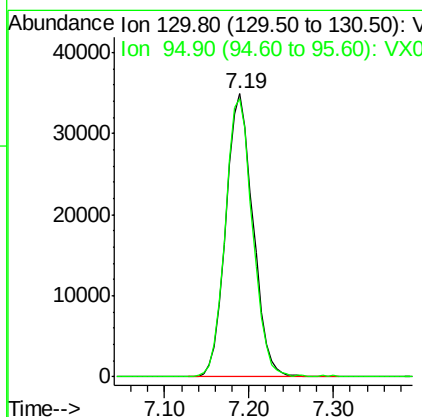
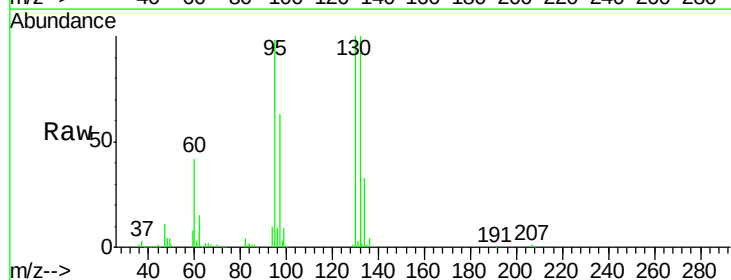
Manual Integrations
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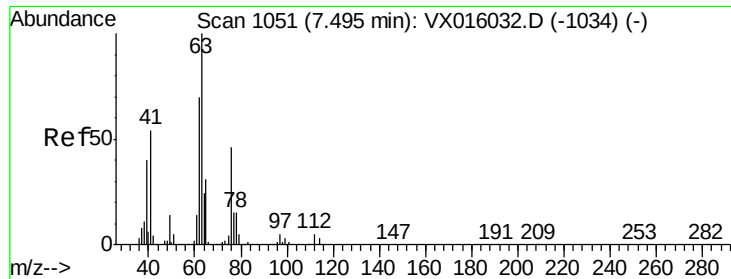
MMDadoda
5/15/2020 12:28:58 PM



#44
Trichloroethene
Concen: 17.750 ug/l
RT: 7.19 min Scan# 1001
Delta R.T. -0.00 min
Lab File: VX016221.D
Acq: 14 May 2020 11:29

Tgt Ion	Ratio	Lower	Upper
130	100		
95	98.3	0.0	197.4





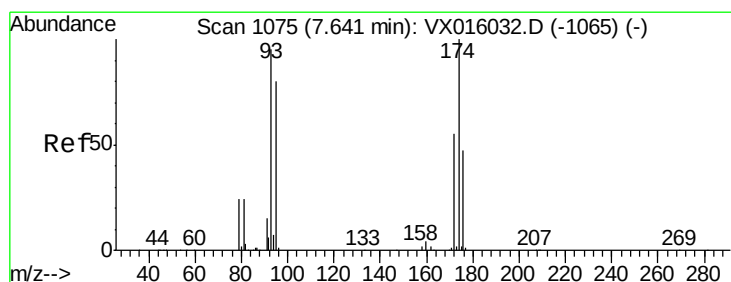
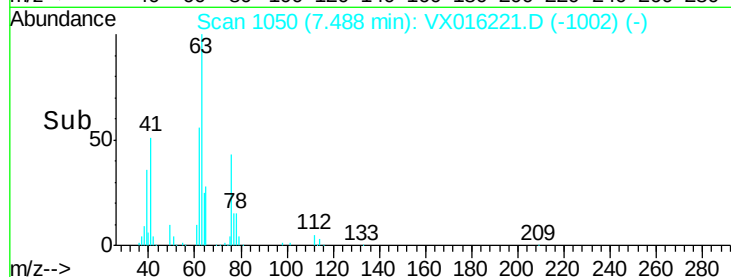
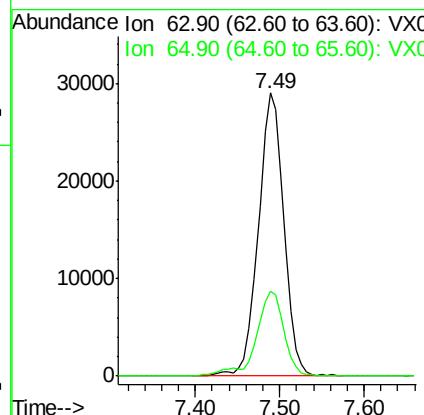
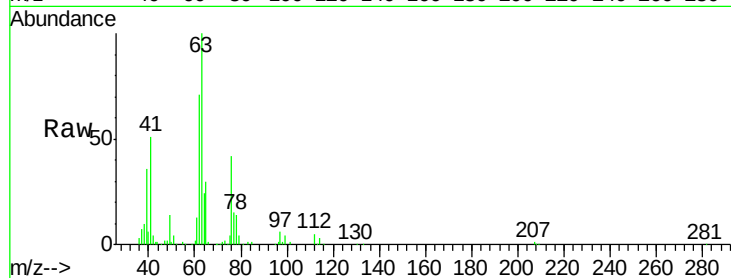
#45
 1,2-Dichloropropane
 Concen: 19.357 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: VX016221.D
 Acq: 14 May 2020 11:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0514WBS01

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.0	24.4	36.6

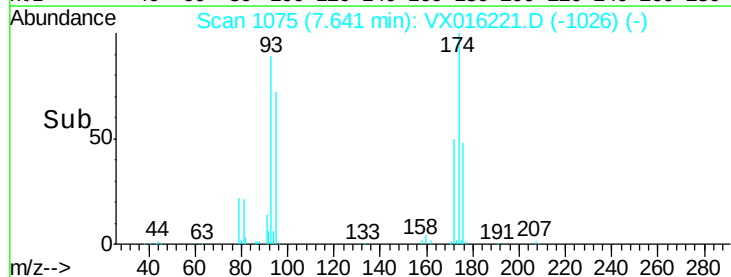
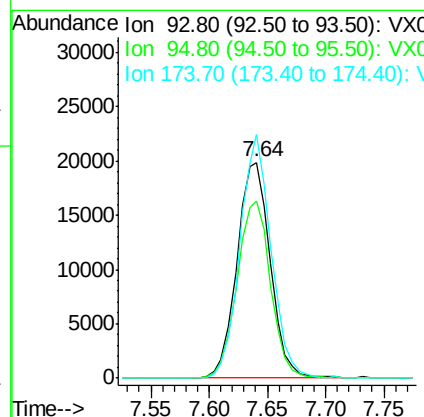
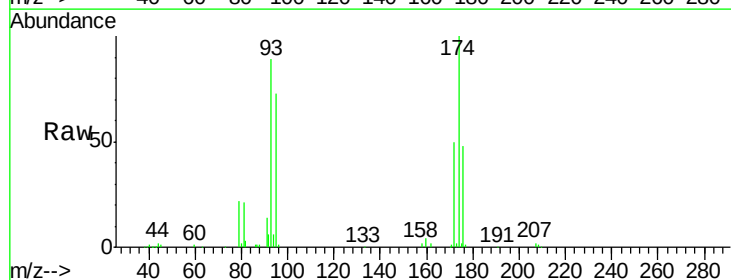
Manual Integrations
 APPROVED

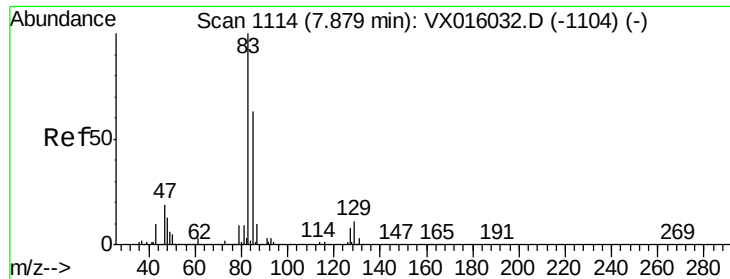
MMDadoda
 5/15/2020 12:28:58 PM



#46
 Dibromomethane
 Concen: 18.809 ug/l
 RT: 7.64 min Scan# 1075
 Delta R.T. -0.00 min
 Lab File: VX016221.D
 Acq: 14 May 2020 11:29

Tgt Ion	Ratio	Lower	Upper
93	100		
95	82.8	66.6	100.0
174	105.7	84.2	126.4





#47

Bromodichloromethane

Concen: 18.873 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VX016221.D

Acq: 14 May 2020 11:29

Instrument :

MSVOA_X

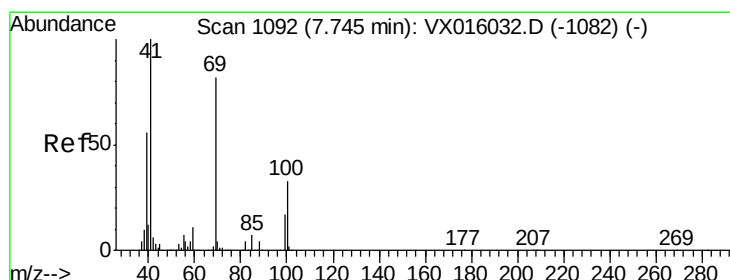
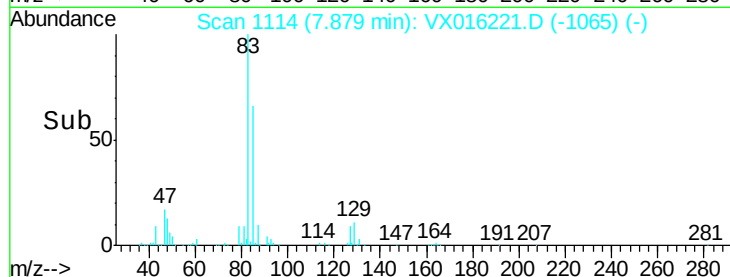
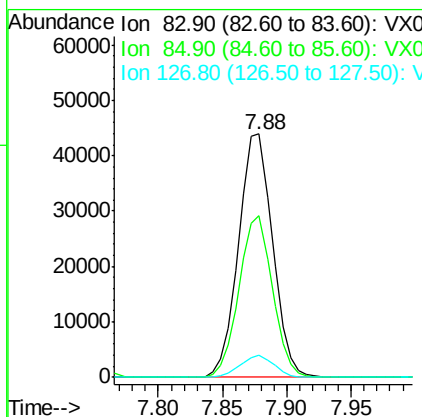
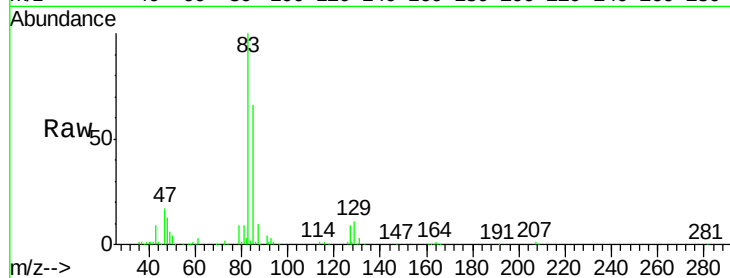
ClientSampleId :

VX0514WBS01

Tot Ion:	83	Resp:	80657
Ion Ratio	Lower	Upper	
83	100		
85	66.3	50.5	75.7
127	9.1	6.7	10.1

Manual Integrations
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#48

Methyl methacrylate

Concen: 17.447 ug/l

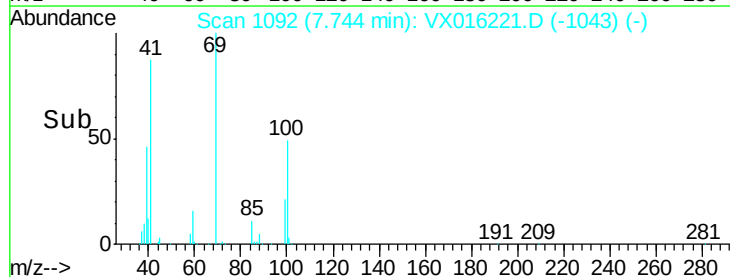
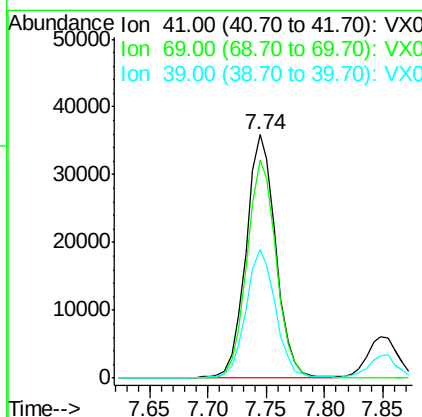
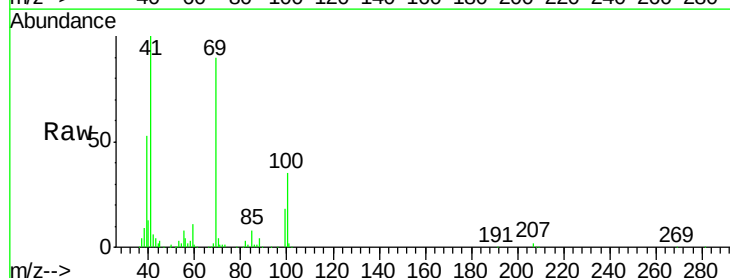
RT: 7.74 min Scan# 1092

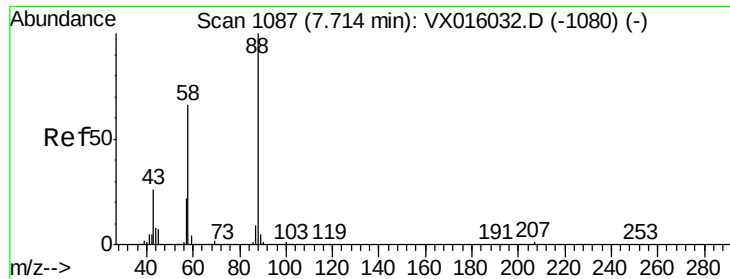
Delta R.T. -0.00 min

Lab File: VX016221.D

Acq: 14 May 2020 11:29

Tgt Ion:	41	Resp:	63761
Ion Ratio	Lower	Upper	
41	100		
69	89.2	67.8	101.6
39	53.6	44.6	67.0





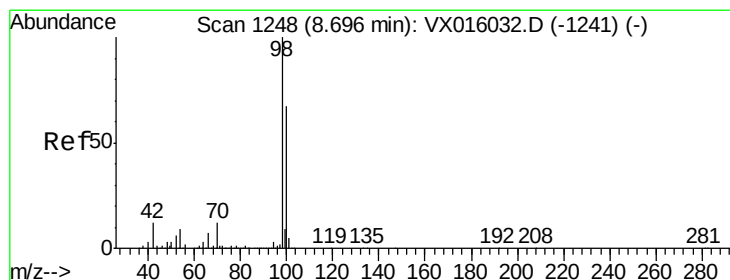
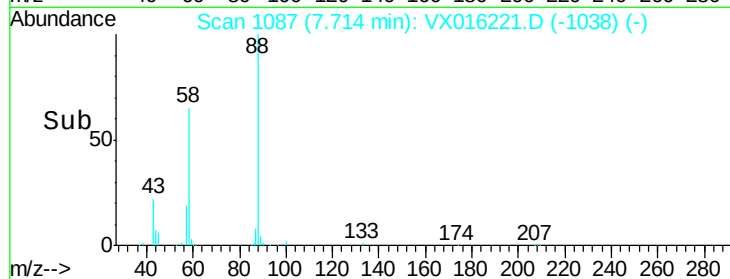
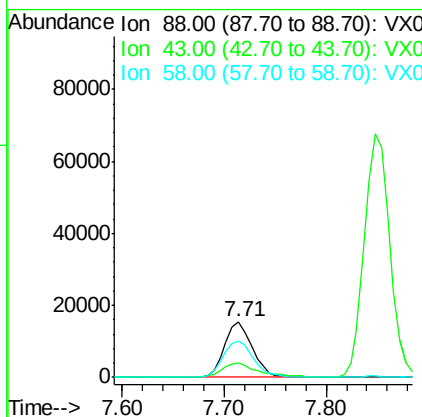
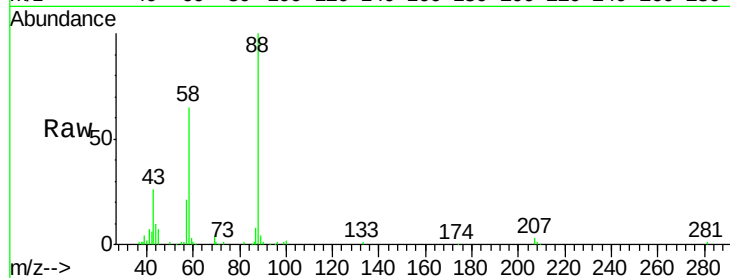
#49
1,4-Dioxane
Concen: 334.566 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. -0.00 min
Lab File: VX016221.D
Acq: 14 May 2020 11:29

Instrument :
MSVOA_X
ClientSampleId :
VX0514WBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	31.3	25.3	37.9
58	71.5	55.9	83.9

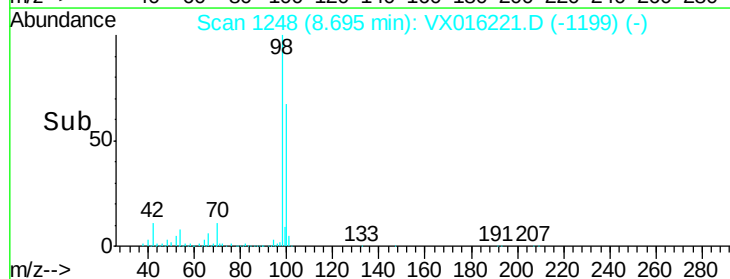
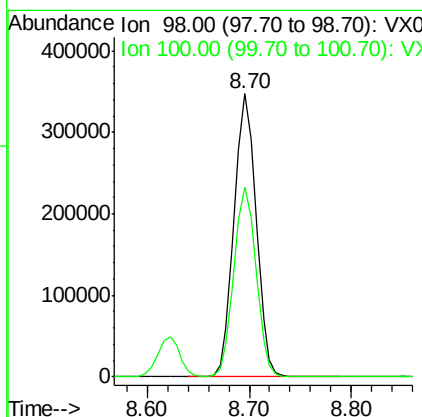
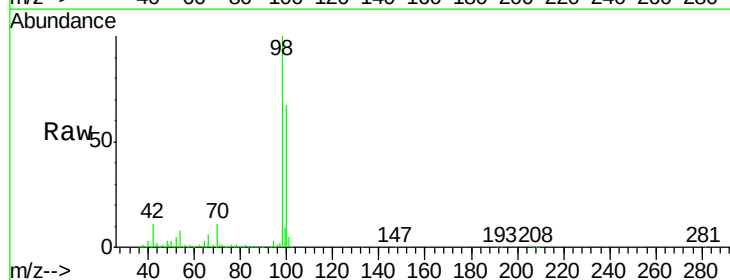
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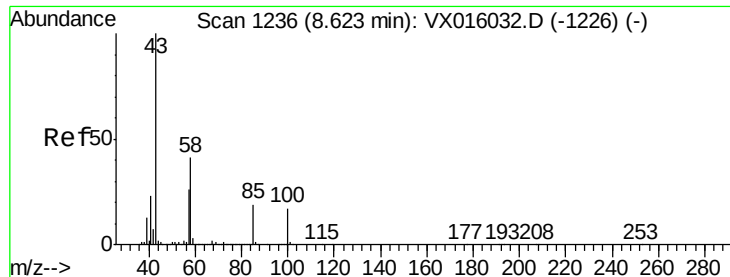
MMDadoda
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#50
Toluene-d8
Concen: 50.357 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX016221.D
Acq: 14 May 2020 11:29

Tgt Ion	Ratio	Lower	Upper
98	100		
100	67.2	53.7	80.5





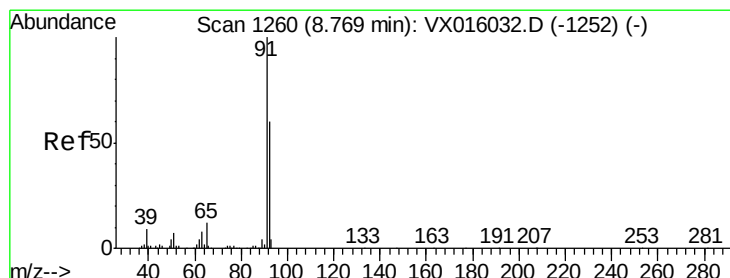
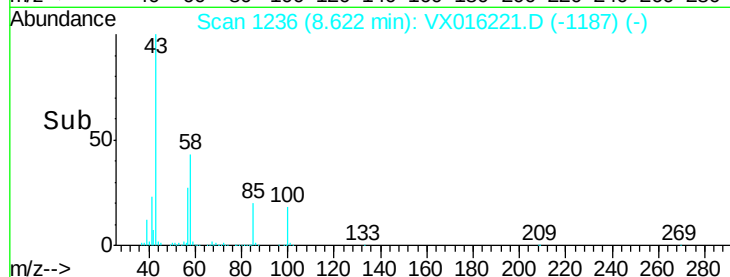
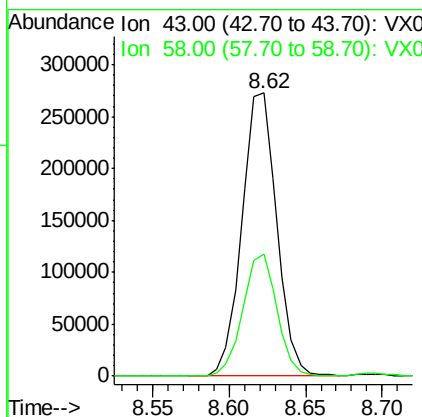
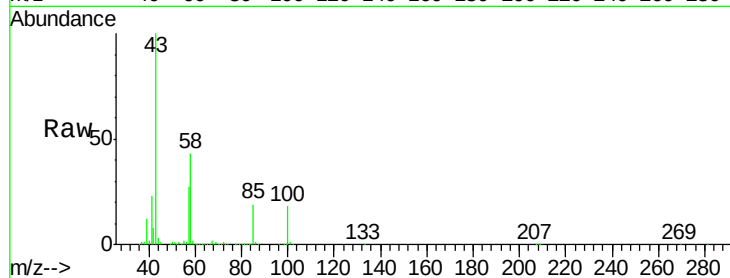
#51
4-Methyl-2-Pentanone
Concen: 91.040 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. -0.00 min
Lab File: VX016221.D
Acq: 14 May 2020 11:29

Instrument :
MSVOA_X
ClientSampled :
VX0514WBS01

Tot Ion: 43 Resp: 429685
Ion Ratio Lower Upper
43 100
58 42.5 33.0 49.4

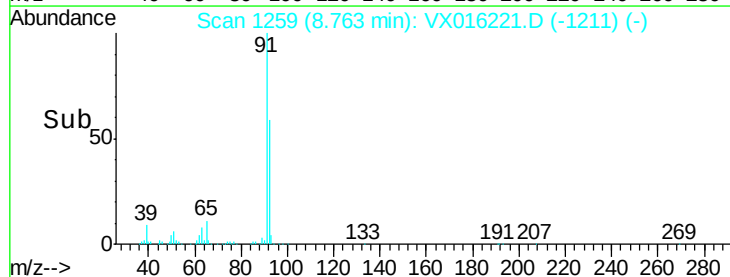
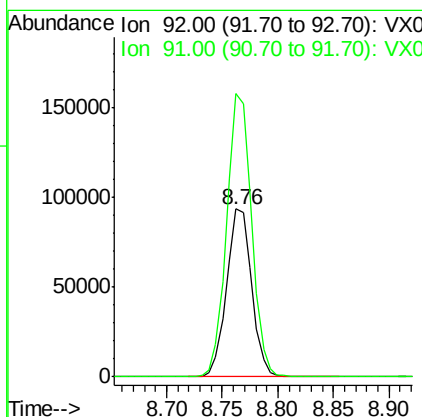
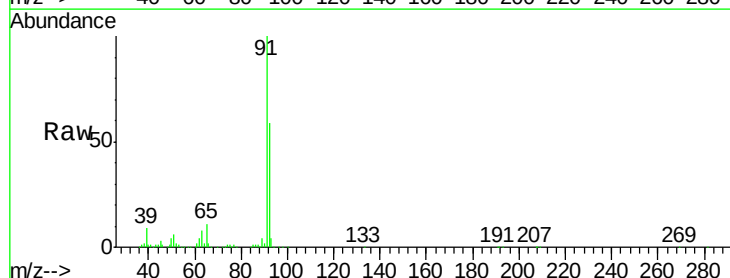
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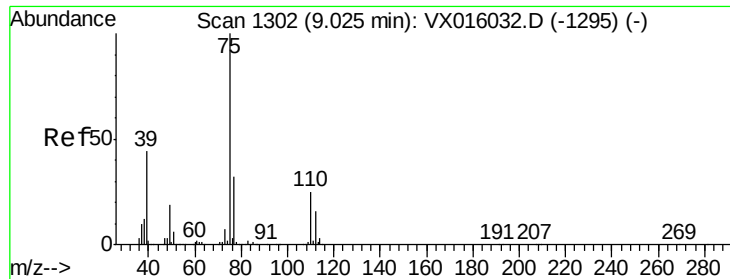
MMDadoda
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#52
Toluene
Concen: 19.158 ug/l
RT: 8.76 min Scan# 1259
Delta R.T. -0.01 min
Lab File: VX016221.D
Acq: 14 May 2020 11:29

Tgt Ion: 92 Resp: 145721
Ion Ratio Lower Upper
92 100
91 168.7 134.5 201.7





#53

t-1,3-Dichloropropene

Concen: 18.299 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX016221.D

Acq: 14 May 2020 11:29

Instrument :

MSVOA_X

ClientSampleId :

VX0514WBS01

Tot Ion: 75 Resp: 93244

Ion Ratio Lower Upper

75 100

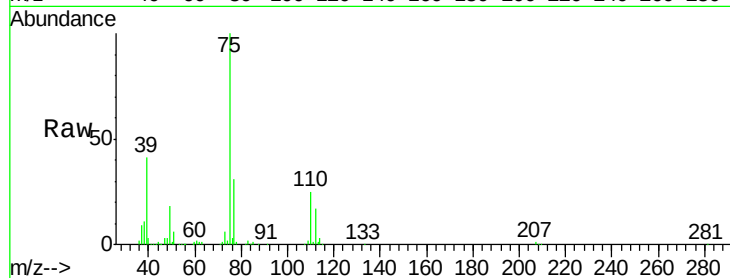
77 31.4 25.7 38.5

Manual Integrations

APPROVED

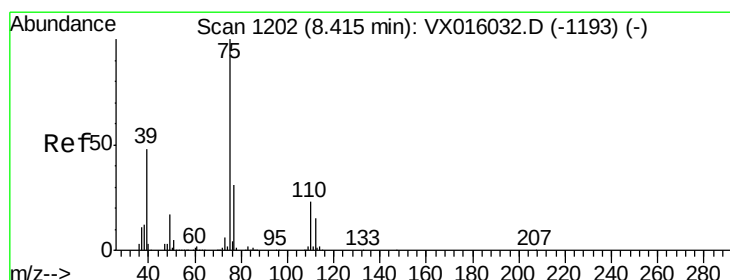
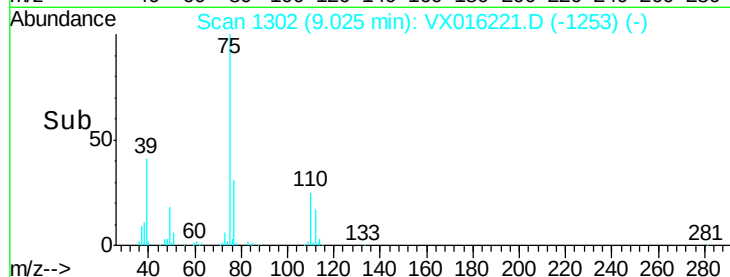
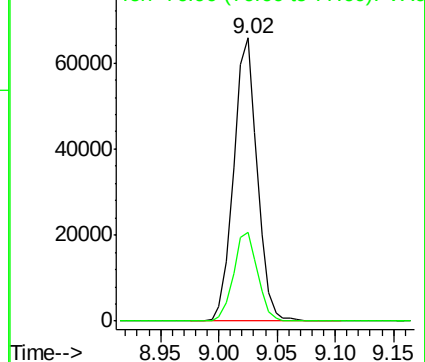
MMDadoda

5/15/2020 12:28:58 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: 18.783 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX016221.D

Acq: 14 May 2020 11:29

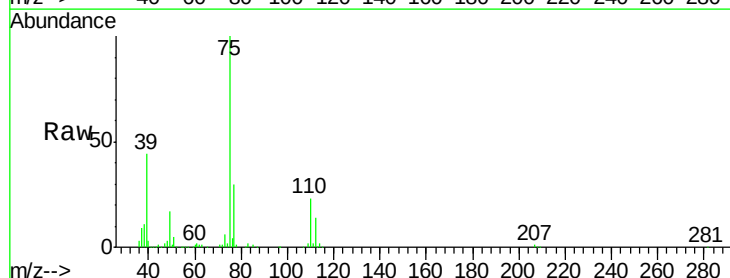
Tgt Ion: 75 Resp: 99971

Ion Ratio Lower Upper

75 100

77 30.5 24.7 37.1

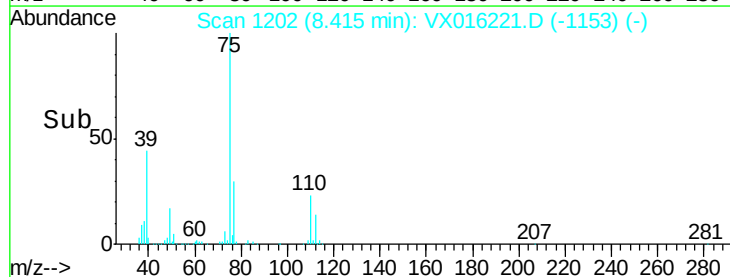
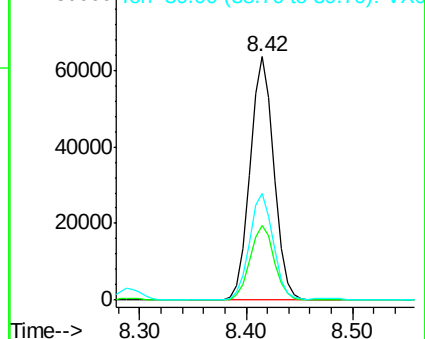
39 43.9 38.7 58.1

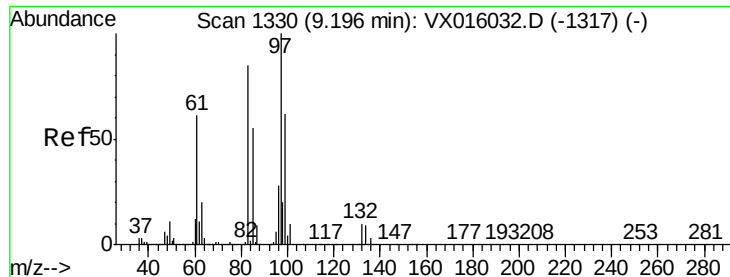


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0





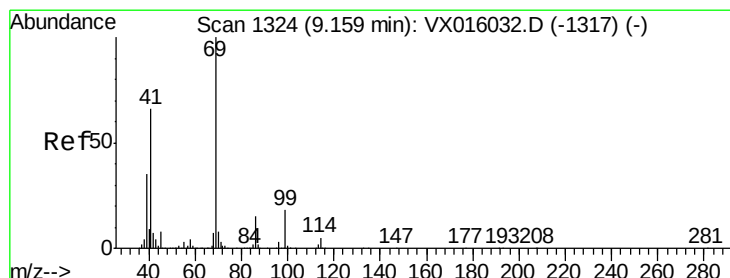
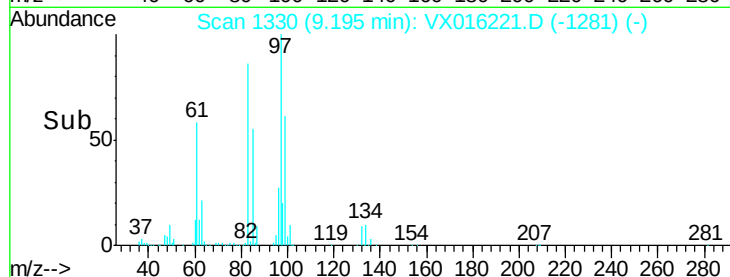
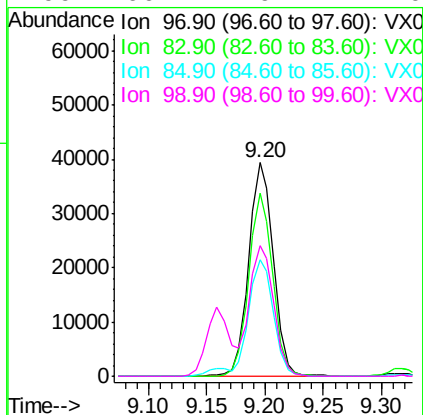
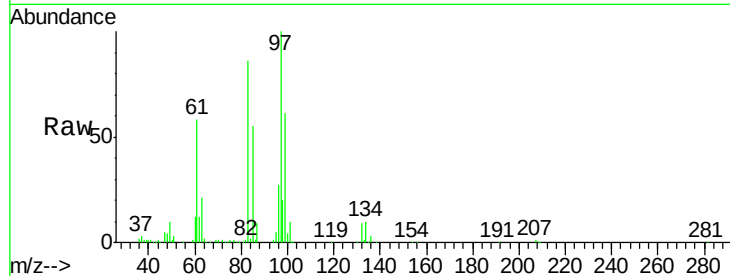
#55
 1,1,2-Trichloroethane
 Concen: 19.468 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX016221.D
 Acq: 14 May 2020 11:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0514WBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		58261		
83	85.9	67.8	101.8		
85	54.8	43.8	65.8		
99	60.7	49.4	74.0		

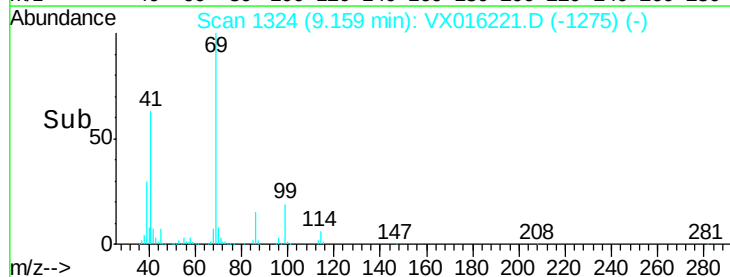
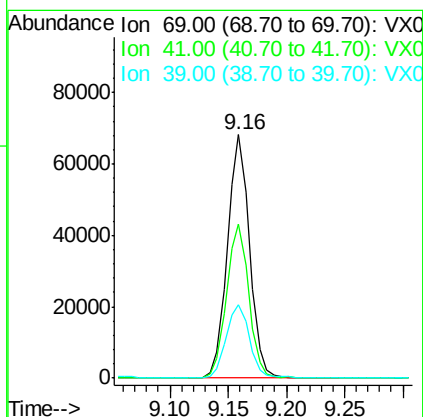
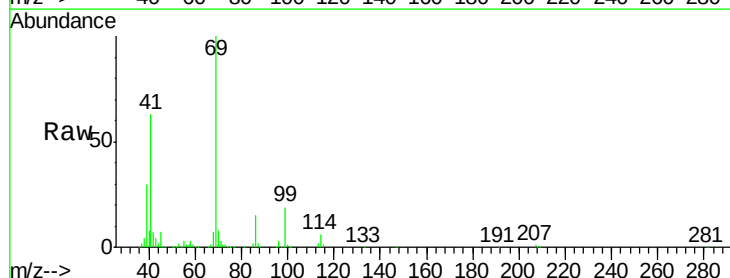
Manual Integrations
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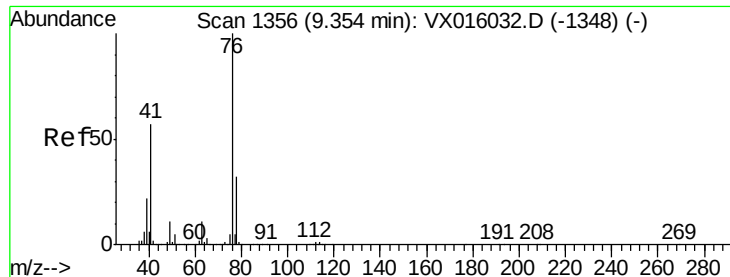
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#56
 Ethyl methacrylate
 Concen: 18.407 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX016221.D
 Acq: 14 May 2020 11:29

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		89916		
41	63.9	52.2	78.4		
39	32.2	28.2	42.4		





#57

1,3-Dichloropropane

Concen: 19.119 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX016221.D

Acq: 14 May 2020 11:29

Instrument :

MSVOA_X

ClientSampleId :

VX0514WBS01

Tot Ion: 76 Resp: 99837

Ion Ratio Lower Upper

76 100

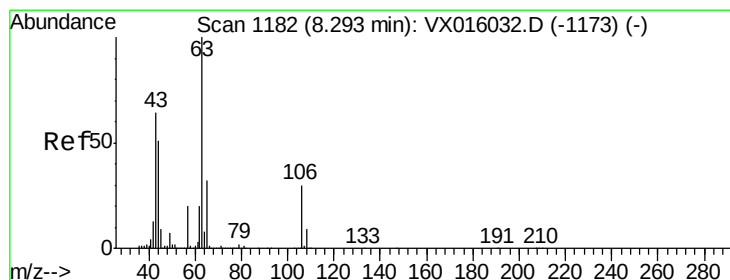
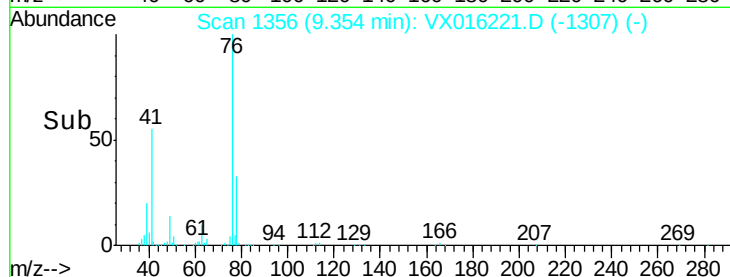
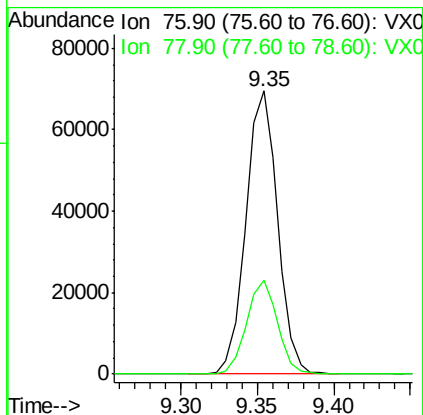
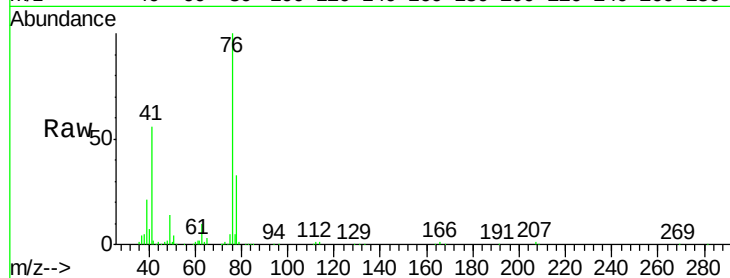
78 32.7 25.9 38.9

Manual Integrations

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#58

2-Chloroethyl Vinyl ether

Concen: 91.640 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VX016221.D

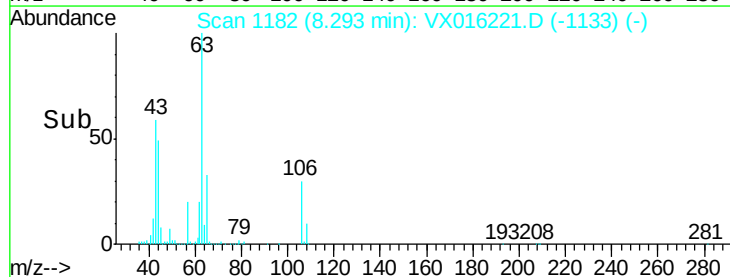
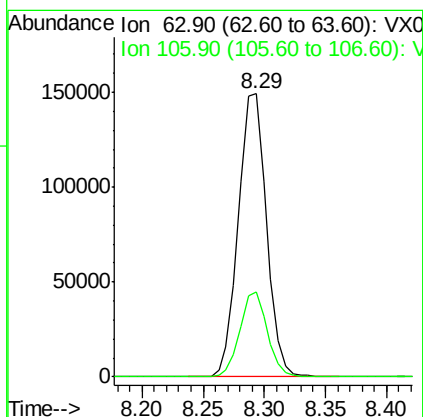
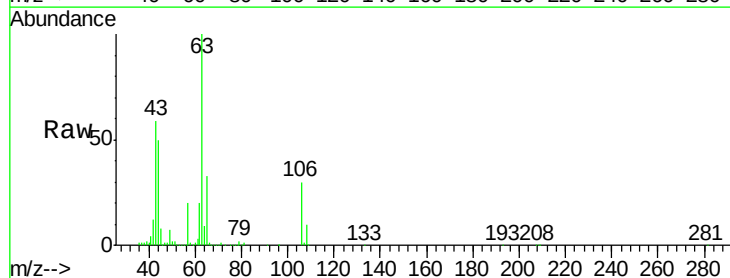
Acq: 14 May 2020 11:29

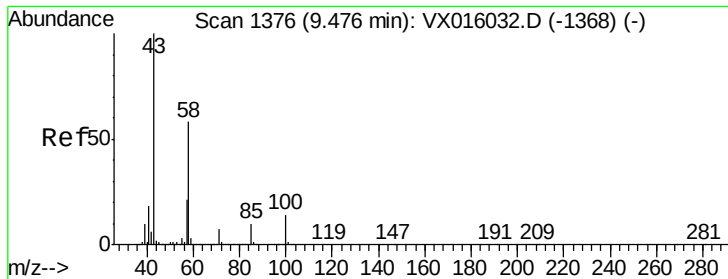
Tgt Ion: 63 Resp: 238321

Ion Ratio Lower Upper

63 100

106 29.2 23.4 35.2





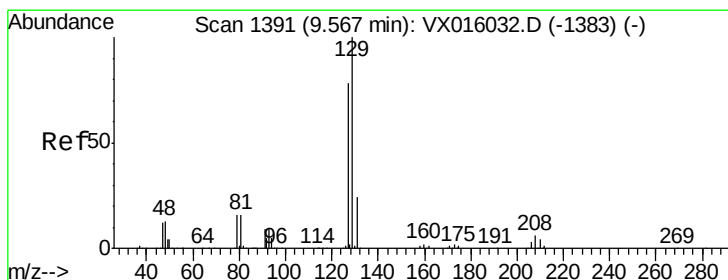
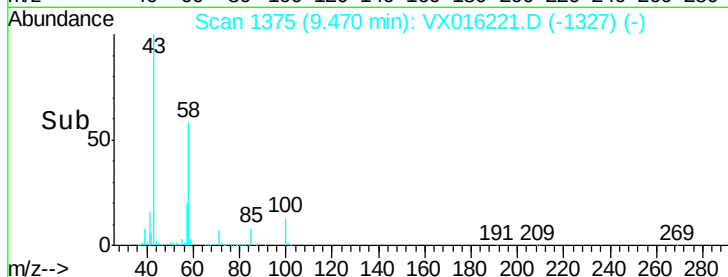
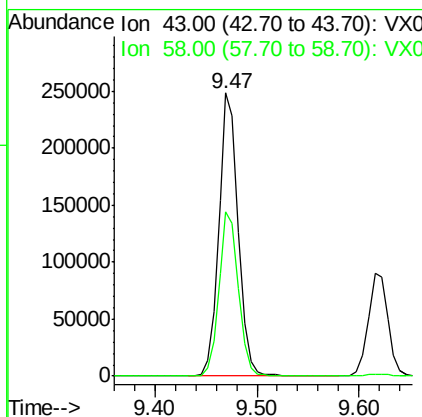
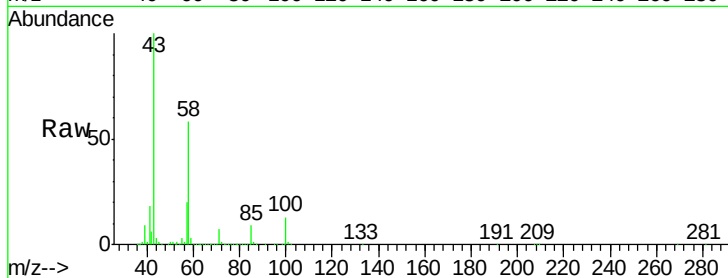
#59
2-Hexanone
Concen: 89.170 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.01 min
Lab File: VX016221.D
Acq: 14 May 2020 11:29

Instrument :
MSVOA_X
ClientSampleId :
VX0514WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	58.6	28.6	85.9

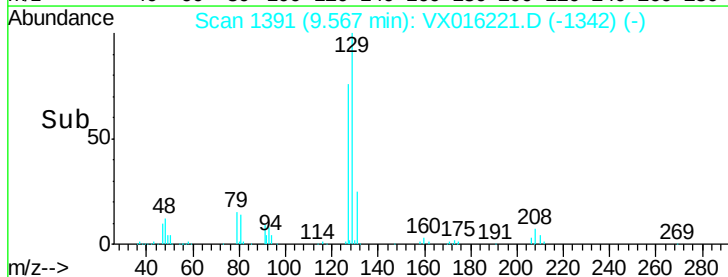
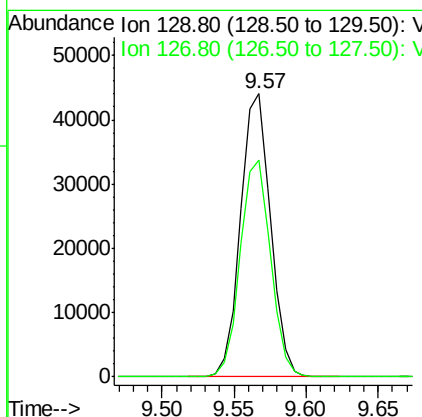
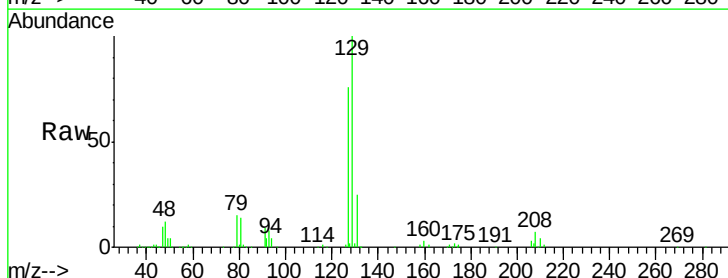
Manual Integrations
APPROVED

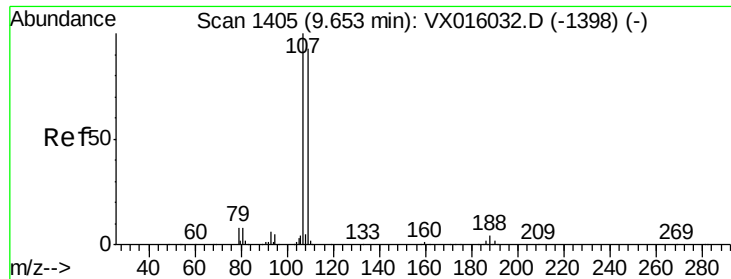
MMDadoda
5/15/2020 12:28:58 PM



#60
Dibromochloromethane
Concen: 19.328 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX016221.D
Acq: 14 May 2020 11:29

Tgt Ion	Ratio	Lower	Upper
129	100		
127	77.3	38.4	115.2





#61

1,2-Dibromoethane

Concen: 19.084 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX016221.D

Acq: 14 May 2020 11:29

Instrument :

MSVOA_X

ClientSampleId :

VX0514WBS01

Tot Ion: 107 Resp: 61864

Ion Ratio Lower Upper

107 100

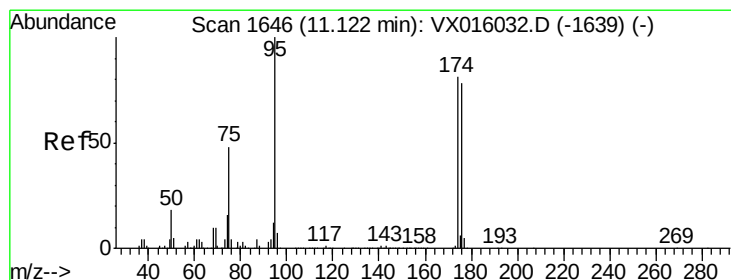
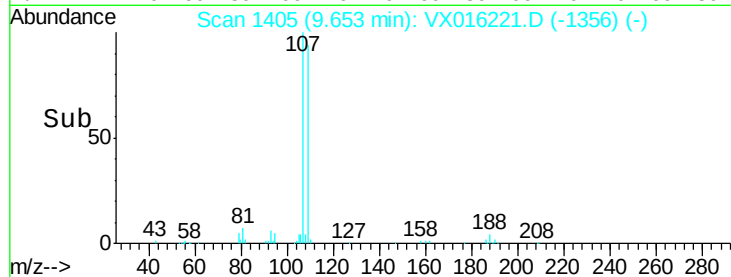
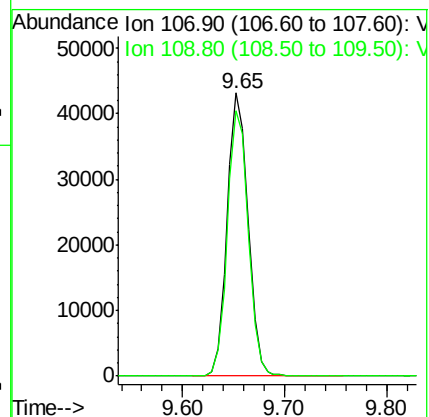
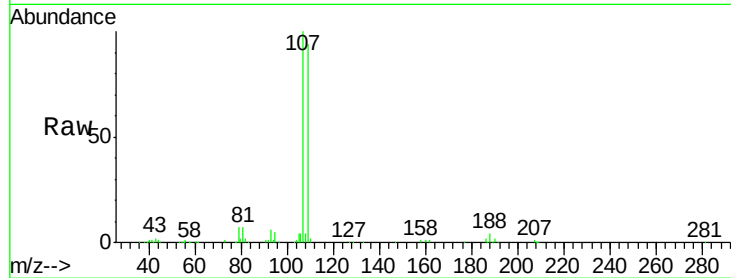
109 93.5 74.9 112.3

Manual Integrations

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#62

4-Bromofluorobenzene

Concen: 49.718 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016221.D

Acq: 14 May 2020 11:29

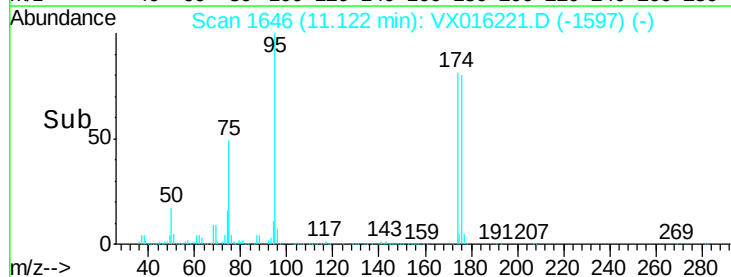
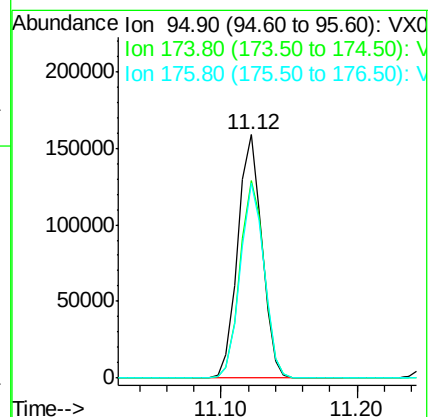
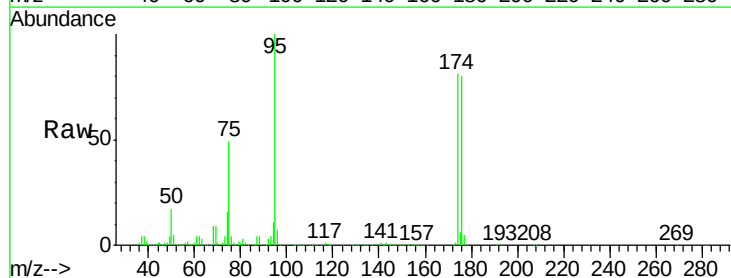
Tgt Ion: 95 Resp: 195584

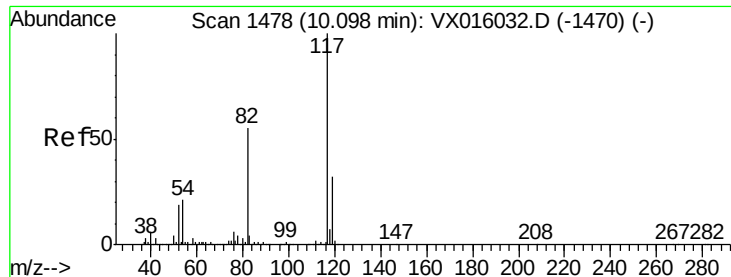
Ion Ratio Lower Upper

95 100

174 81.3 0.0 159.4

176 79.3 0.0 157.6





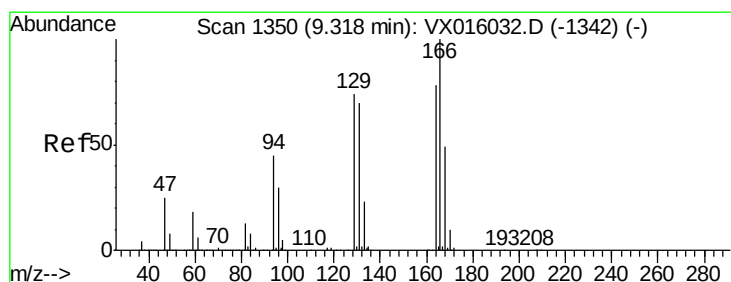
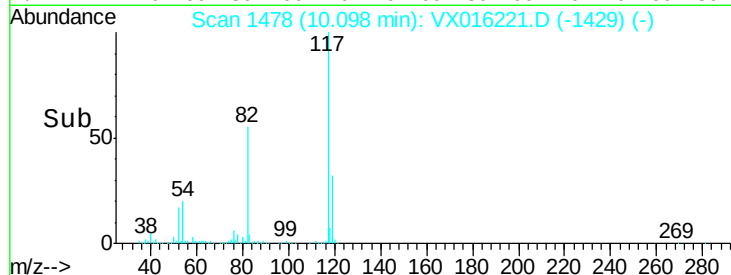
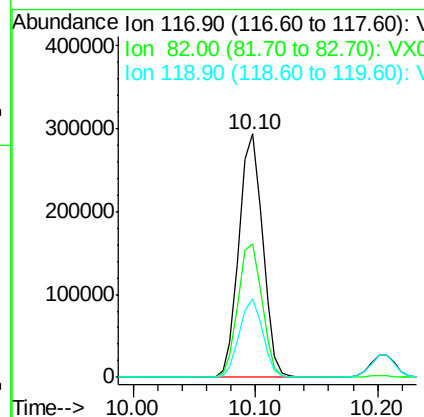
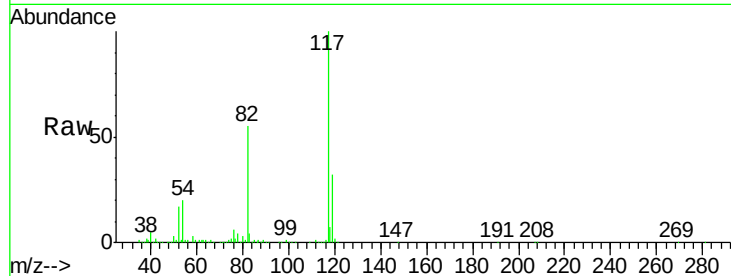
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016221.D
Acq: 14 May 2020 11:29

Instrument :
MSVOA_X
ClientSampleId :
VX0514WBS01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	392902		
82	55.0	44.4	66.6	
119	32.1	25.5	38.3	

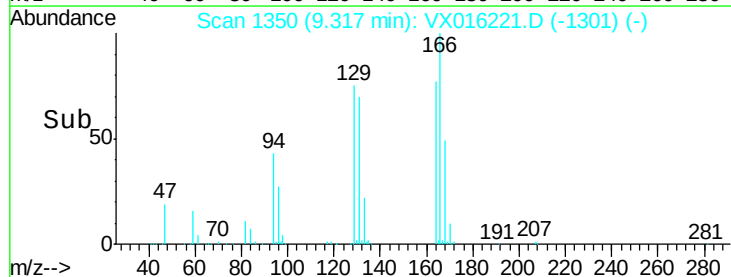
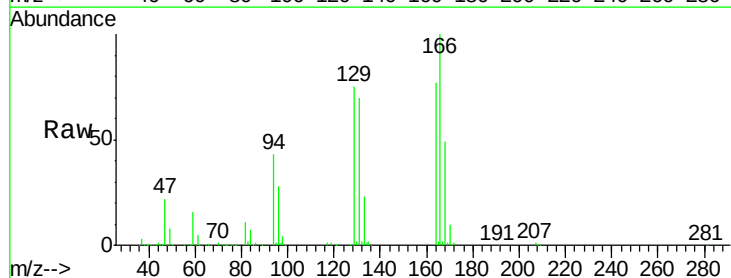
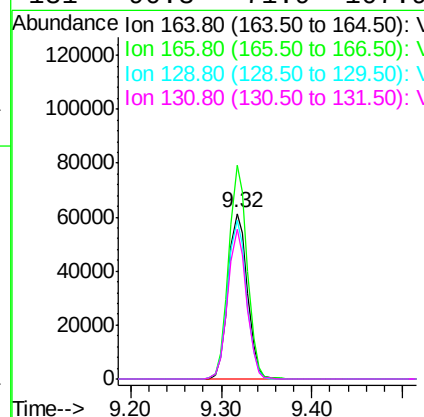
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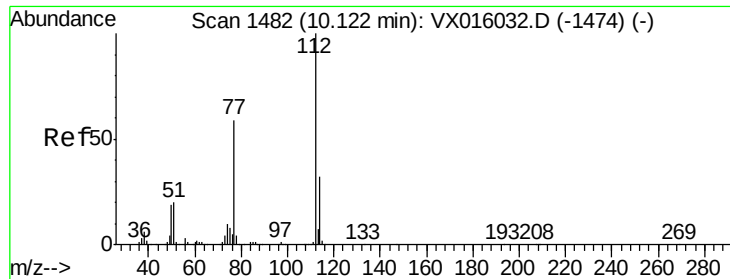
MMDadoda
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#64
Tetrachloroethene
Concen: 18.727 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX016221.D
Acq: 14 May 2020 11:29

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	90329		
166	129.2	102.9	154.3	
129	96.3	76.1	114.1	
131	90.3	71.9	107.9	





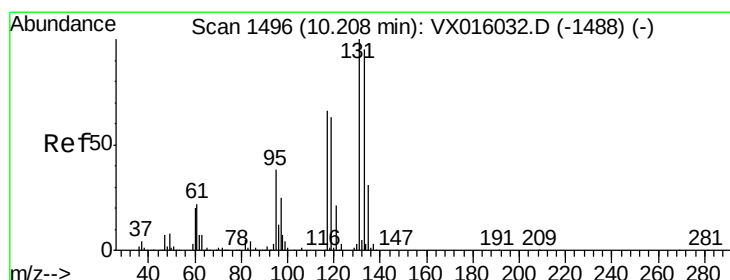
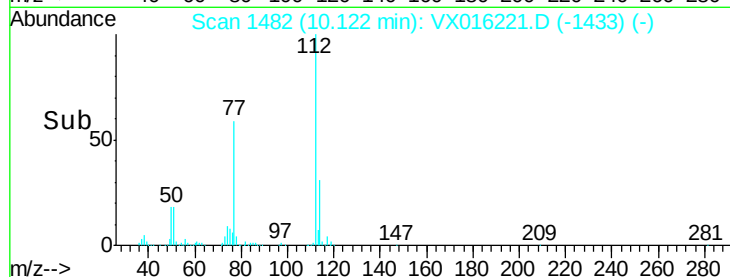
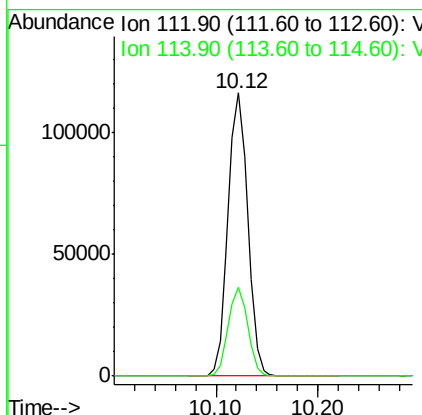
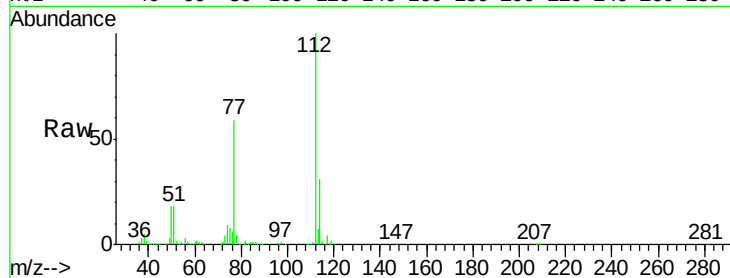
#65
Chlorobenzene
Concen: 18.917 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX016221.D
Acq: 14 May 2020 11:29

Instrument :
MSVOA_X
ClientSampleId :
VX0514WBS01

Tot Ion:112 Resp: 155628
Ion Ratio Lower Upper
112 100
114 31.3 25.7 38.5

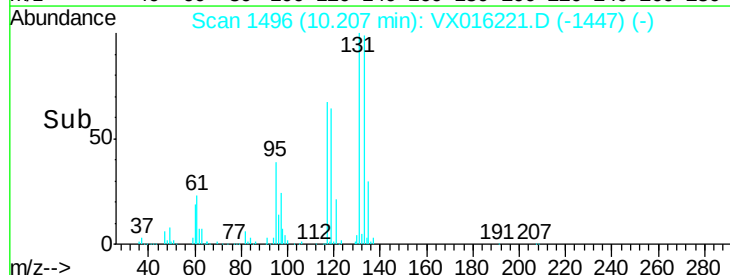
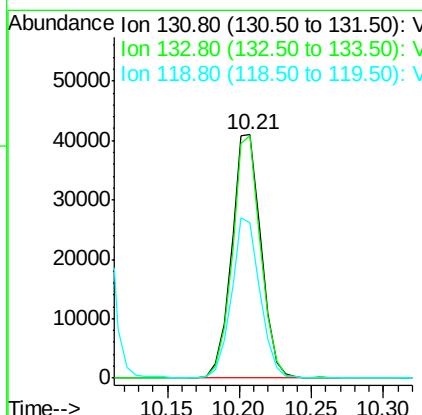
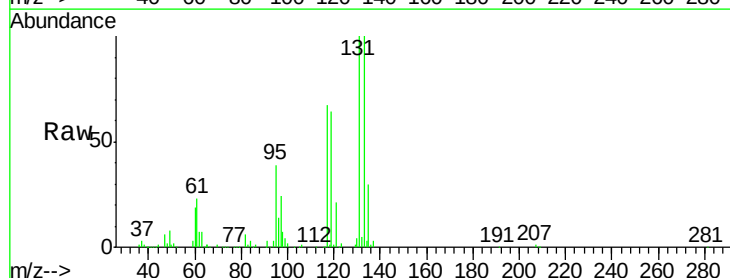
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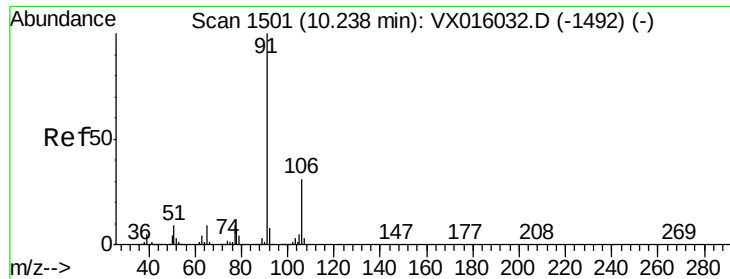
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#66
1,1,1,2-Tetrachloroethane
Concen: 19.149 ug/l
RT: 10.21 min Scan# 1496
Delta R.T. -0.00 min
Lab File: VX016221.D
Acq: 14 May 2020 11:29

Tgt Ion:131 Resp: 58227
Ion Ratio Lower Upper
131 100
133 95.9 48.3 144.8
119 64.0 32.3 96.9





#67

Ethyl Benzene

Concen: 18.715 ug/l

RT: 10.23 min Scan# 1500

Delta R.T. -0.01 min

Lab File: VX016221.D

Acq: 14 May 2020 11:29

Instrument :

MSVOA_X

ClientSampleId :

VX0514WBS01

Tot Ion: 91 Resp: 274712

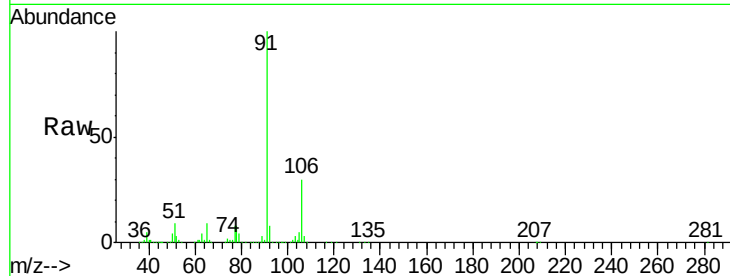
Ion Ratio Lower Upper

91 100

106 30.2 25.1 37.7

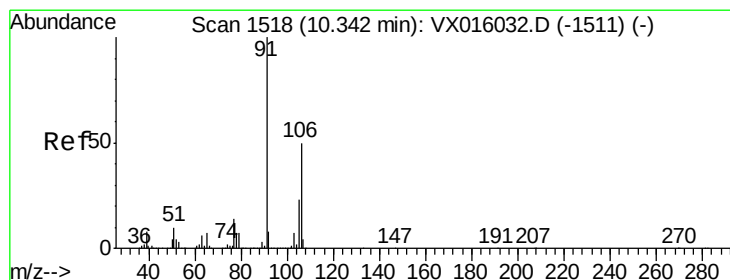
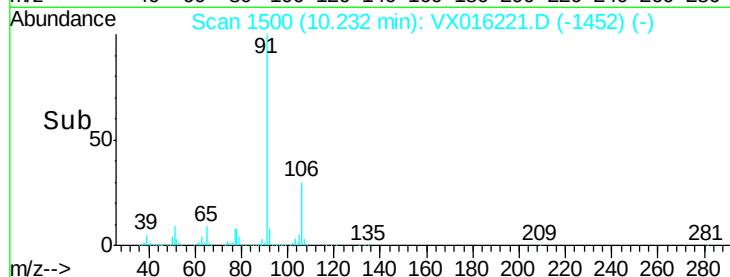
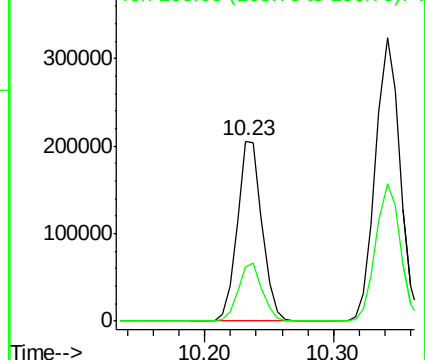
Manual Integrations
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Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 37.540 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX016221.D

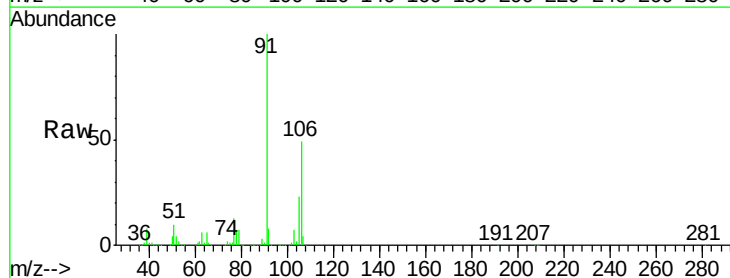
Acq: 14 May 2020 11:29

Tgt Ion: 106 Resp: 206456

Ion Ratio Lower Upper

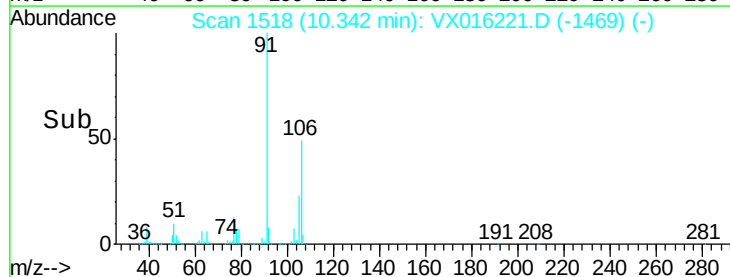
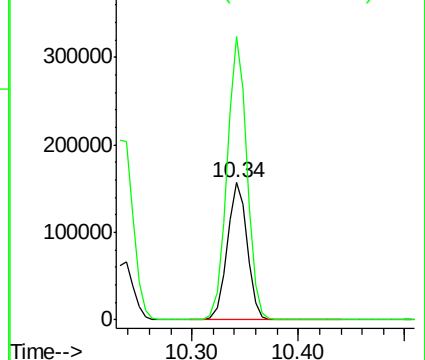
106 100

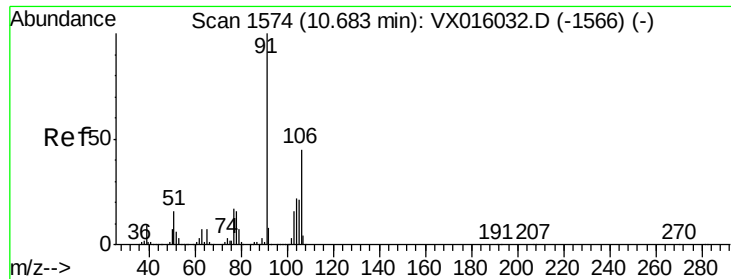
91 204.7 161.7 242.5



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





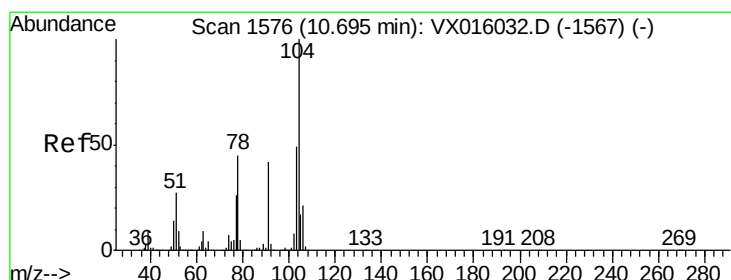
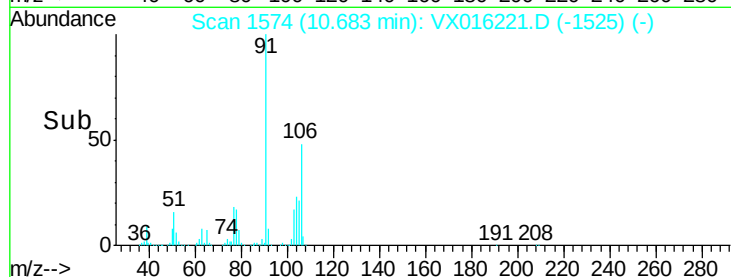
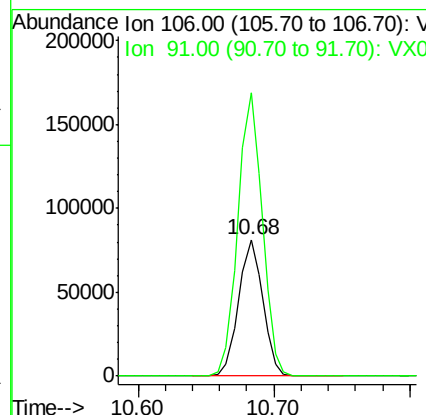
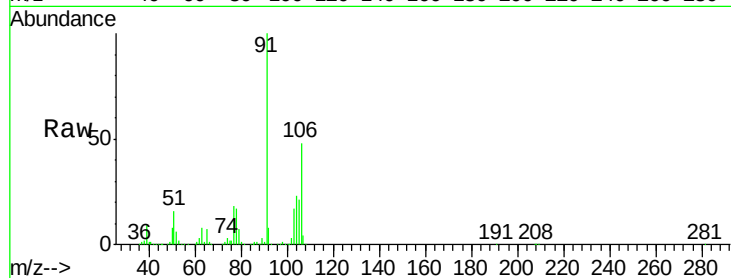
#69
o-Xylene
Concen: 19.079 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX016221.D
Acq: 14 May 2020 11:29

Instrument :
MSVOA_X
ClientSampleId :
VX0514WBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	106	100	100862		
91	91	209.7	107.5	322.6	

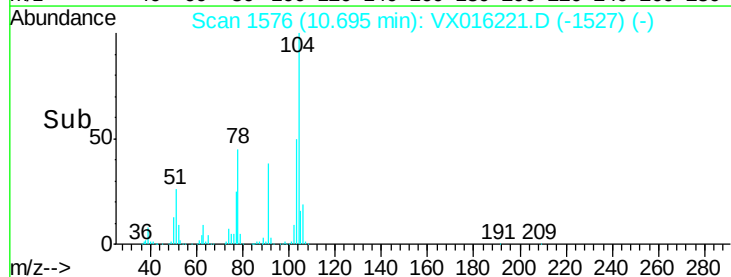
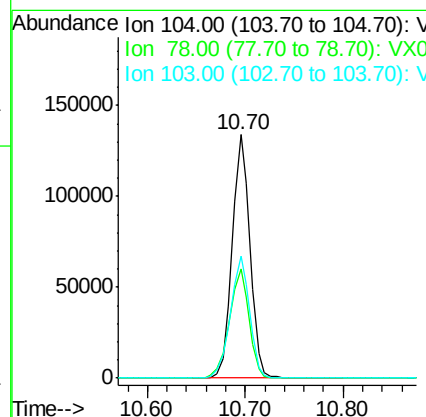
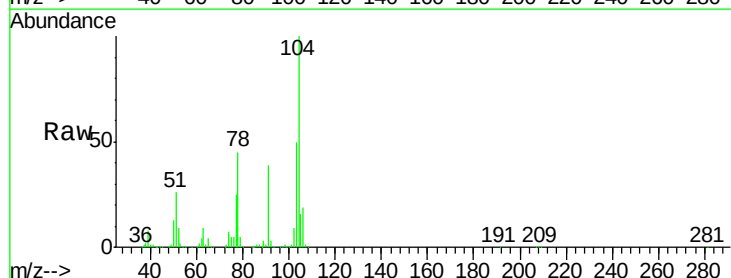
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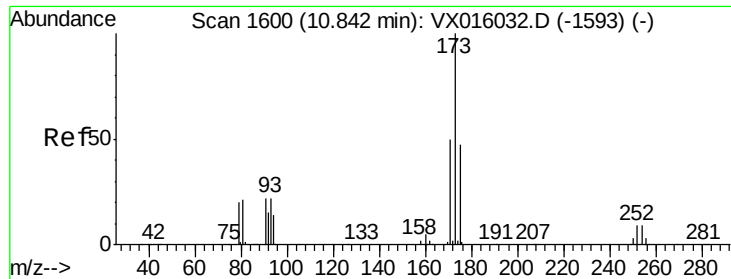
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#70
Styrene
Concen: 18.762 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX016221.D
Acq: 14 May 2020 11:29

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	104	100	168264		
78	78	49.9	40.2	60.2	
103	103	54.5	43.0	64.6	





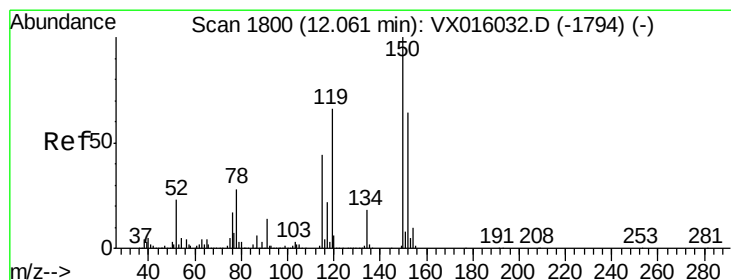
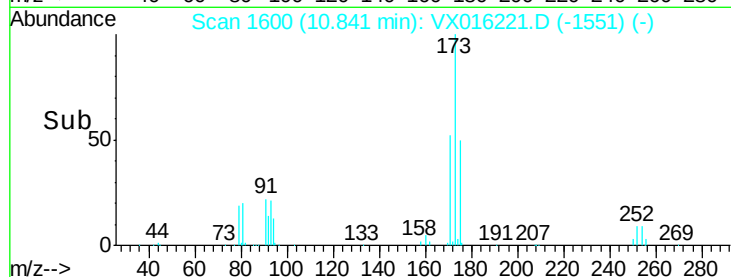
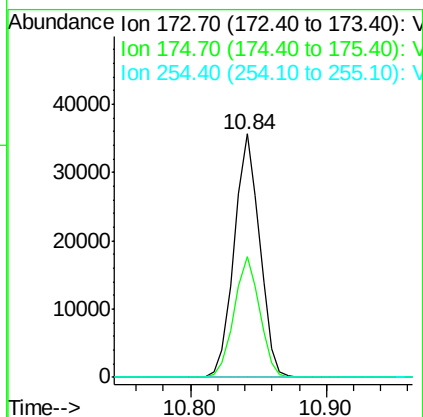
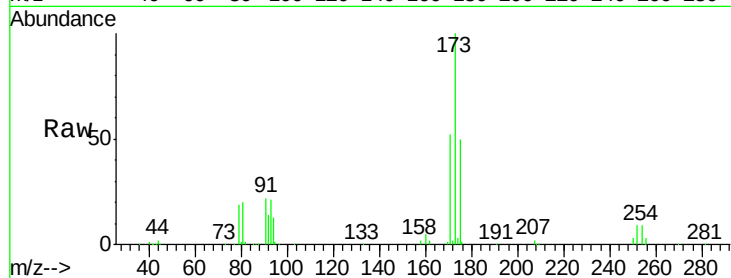
#71
Bromoform
Concen: 18.775 ug/l
RT: 10.84 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VX016221.D
Acq: 14 May 2020 11:29

Instrument :
MSVOA_X
ClientSampleId :
VX0514WBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.7	24.0	72.0
254	0.1	0.1	0.1

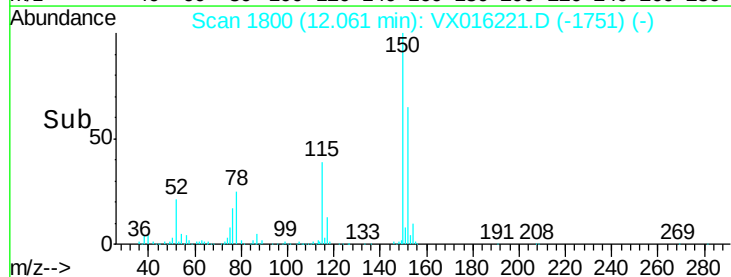
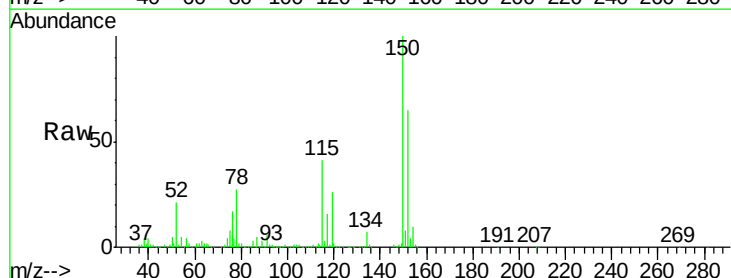
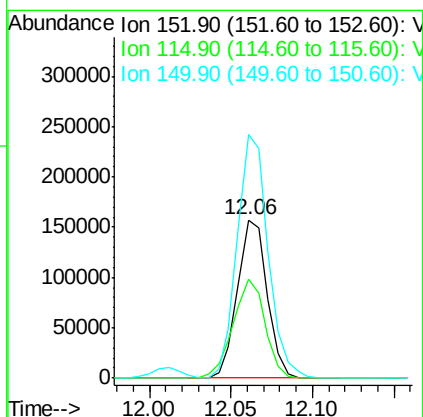
Manual Integrations
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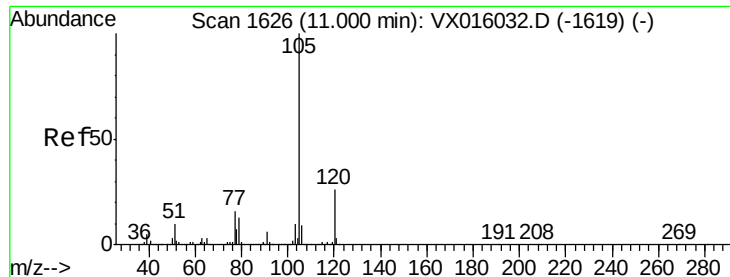
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX016221.D
Acq: 14 May 2020 11:29

Tgt Ion	Ratio	Lower	Upper
152	100		
115	67.2	41.3	124.1
150	161.1	0.0	352.2





#73

Isopropylbenzene

Concen: 18.662 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX016221.D

Acq: 14 May 2020 11:29

Instrument :

MSVOA_X

ClientSampleId :

VX0514WBS01

Tot Ion: 105 Resp: 270002

Ion Ratio Lower Upper

105 100

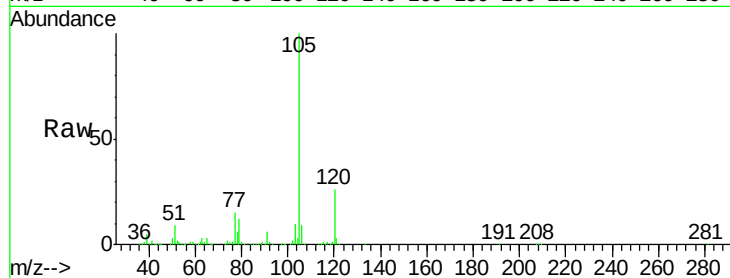
120 26.5 13.4 40.2

Manual Integrations

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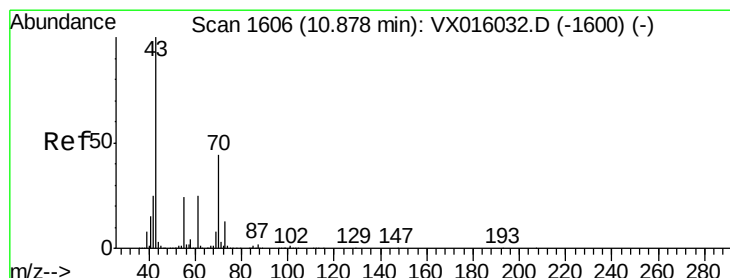
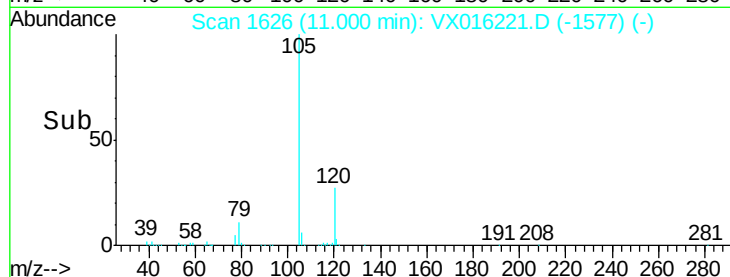
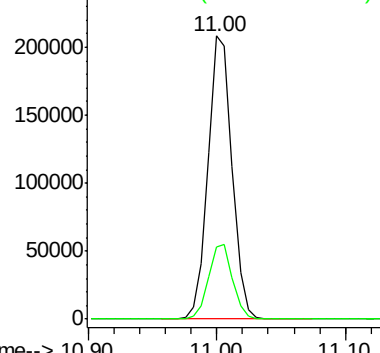
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 17.071 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX016221.D

Acq: 14 May 2020 11:29

Tgt Ion: 43 Resp: 115202

Ion Ratio Lower Upper

43 100

70 46.9 36.5 54.7

55 26.3 19.7 29.5

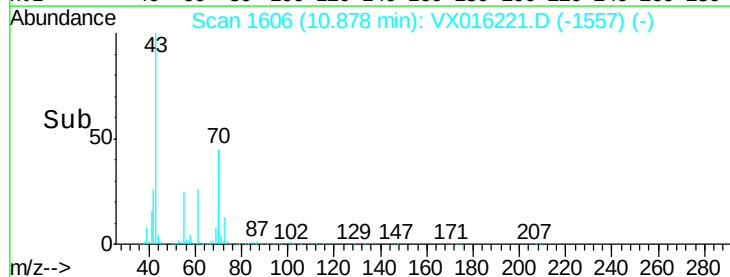
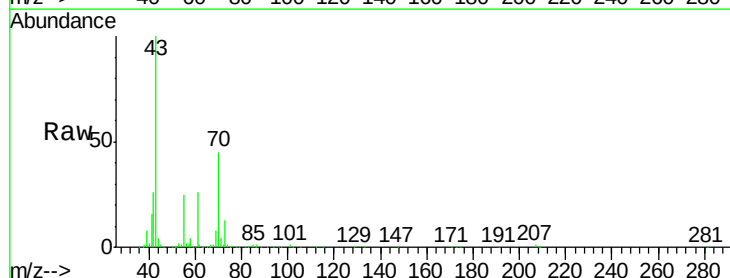
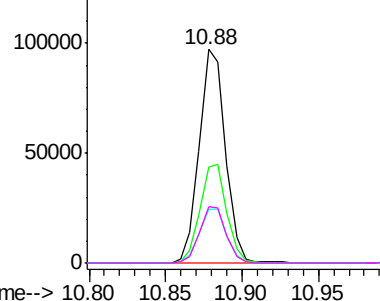
61 26.6 20.9 31.3

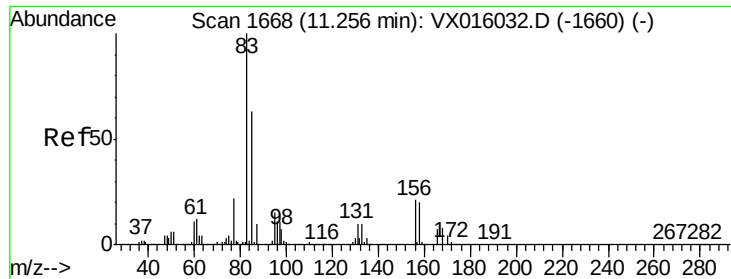
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 21.815 ug/l

RT: 11.26 min Scan# 1668

Delta R.T. 0.00 min

Lab File: VX016221.D

Acq: 14 May 2020 11:29

Instrument :

MSVOA_X

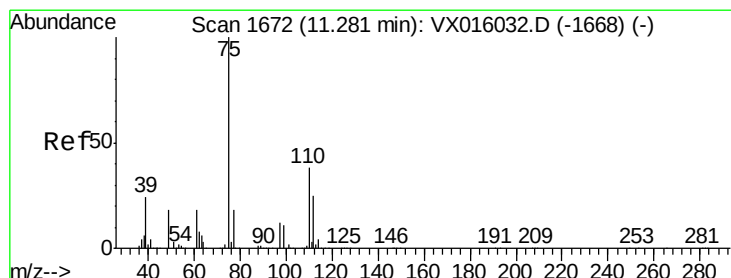
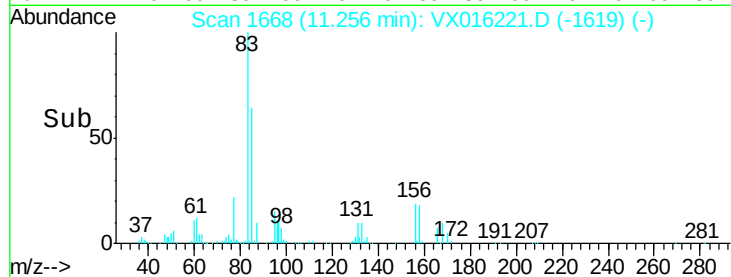
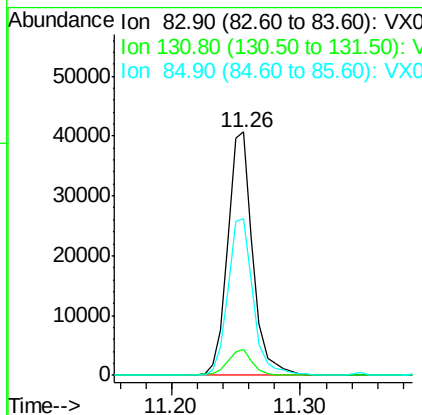
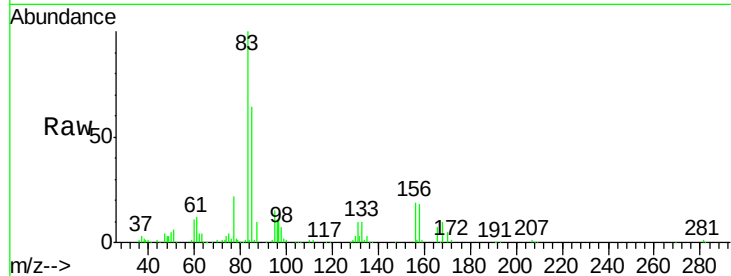
ClientSampleId :

VX0514WBS01

Tot Ion:	83	Resp:	55425
Ion Ratio	Lower	Upper	
83	100		
131	10.4	5.1	15.4
85	65.1	32.0	96.0

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#76

1,2,3-Trichloropropane

Concen: 18.349 ug/l m

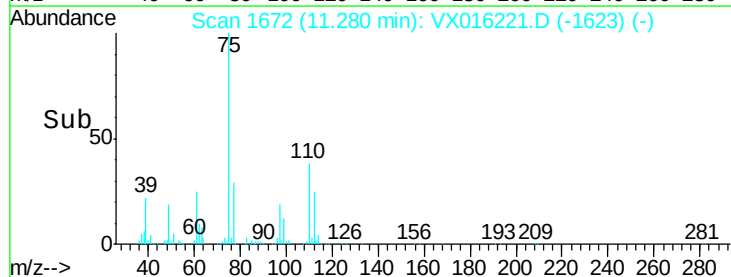
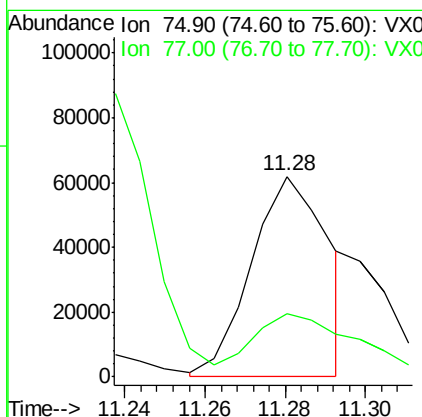
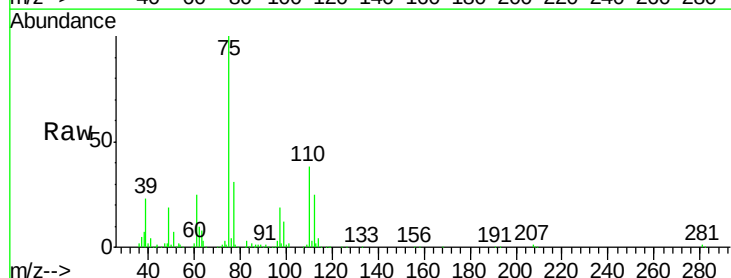
RT: 11.28 min Scan# 1672

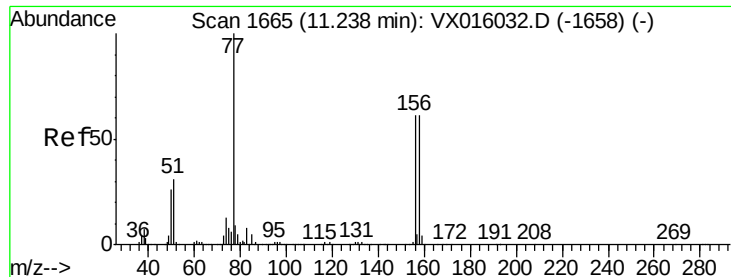
Delta R.T. -0.00 min

Lab File: VX016221.D

Acq: 14 May 2020 11:29

Tgt Ion:	75	Resp:	82824
Ion Ratio	Lower	Upper	
75	100		
77	43.1	21.2	63.6





#77

Bromobenzene

Concen: 17.854 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX016221.D

Acq: 14 May 2020 11:29

Instrument :

MSVOA_X

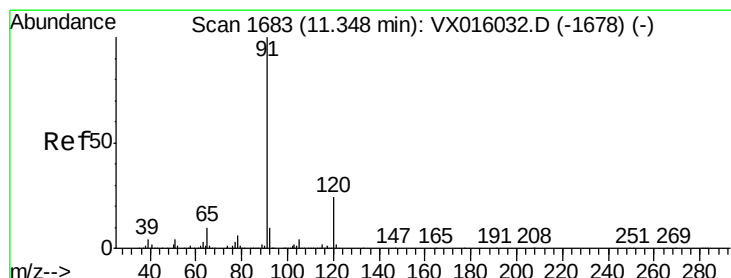
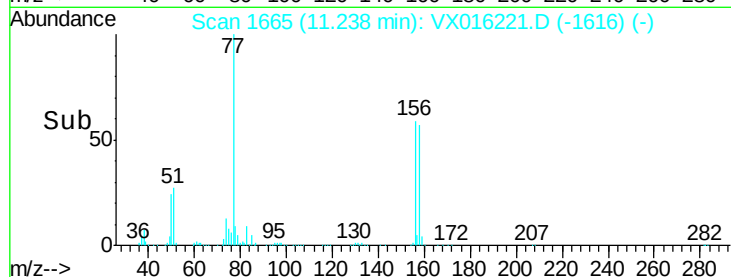
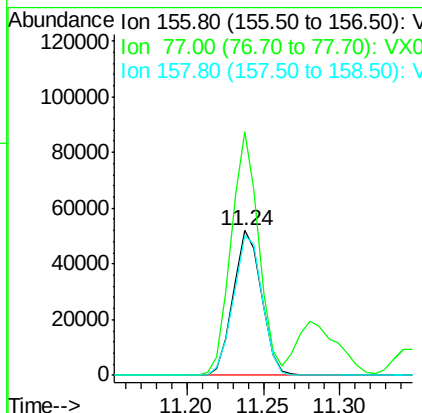
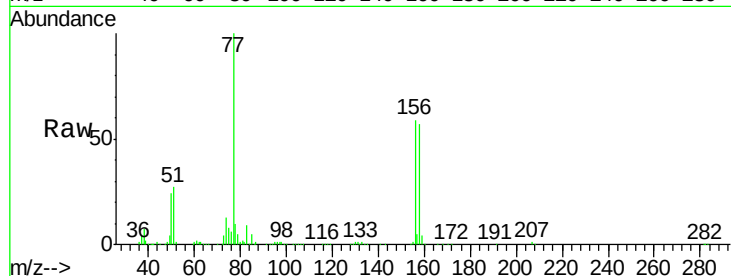
ClientSampleId :

VX0514WBS01

Tot Ion	Ratio	Lower	Upper
156	100		
77	163.7	80.1	240.3
158	97.8	49.4	148.2

Manual Integrations
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#78

n-propylbenzene

Concen: 18.166 ug/l

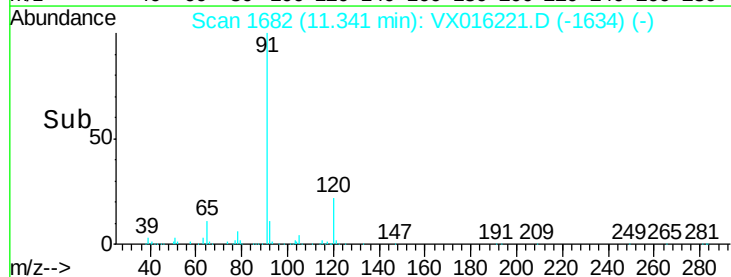
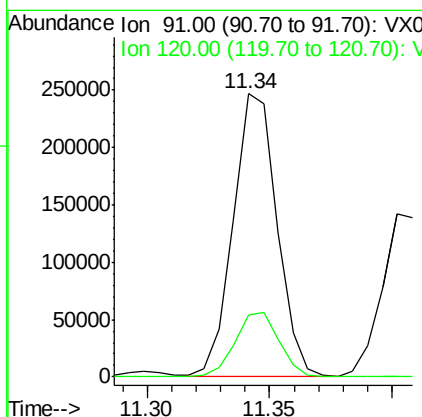
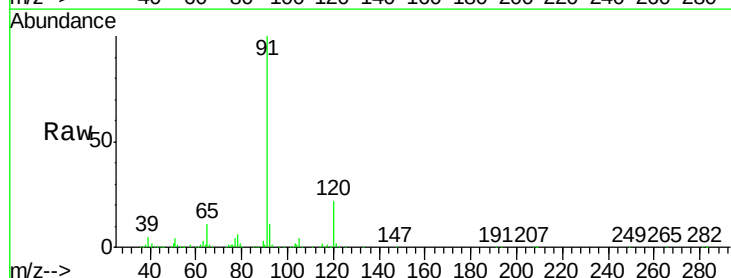
RT: 11.34 min Scan# 1682

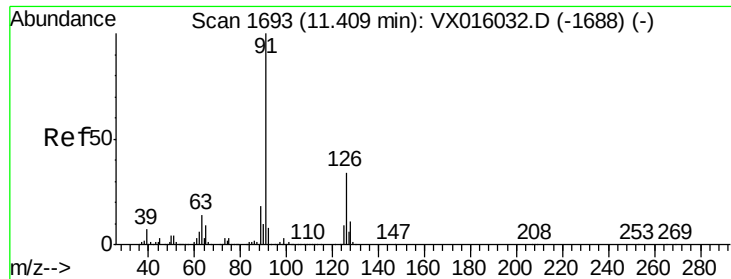
Delta R.T. -0.01 min

Lab File: VX016221.D

Acq: 14 May 2020 11:29

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.0	11.5	34.5





#79

2-Chlorotoluene

Concen: 18.500 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.01 min

Lab File: VX016221.D

Acq: 14 May 2020 11:29

Instrument :

MSVOA_X

ClientSampleId :

VX0514WBS01

Tot Ion: 91 Resp: 183794

Ion Ratio Lower Upper

91 100

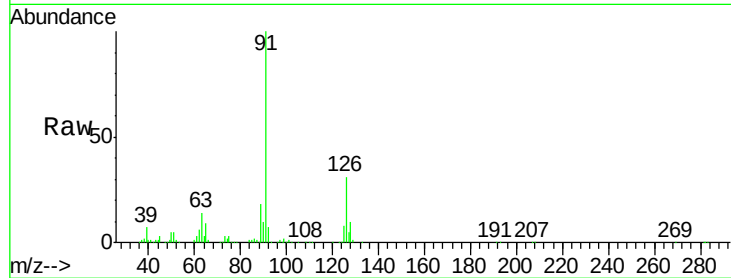
126 33.5 16.9 50.6

Manual Integrations

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Abundance Ion 91.00 (90.70 to 91.70): VX016032.D (-1688) (-)

Ion 125.90 (125.60 to 126.60): VX016032.D (-1688) (-)

250000

200000

150000

100000

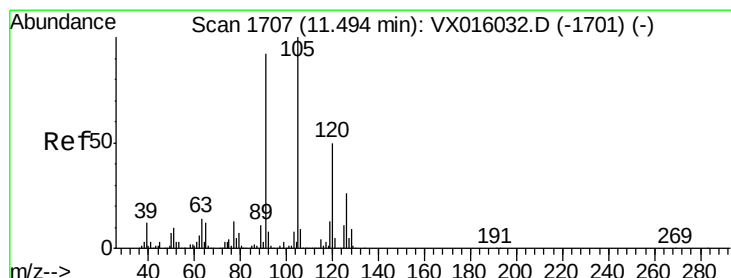
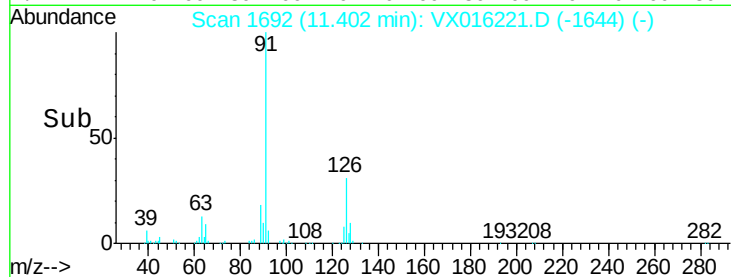
50000

0

11.35

11.40

11.45



#80

1,3,5-Trimethylbenzene

Concen: 18.460 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX016221.D

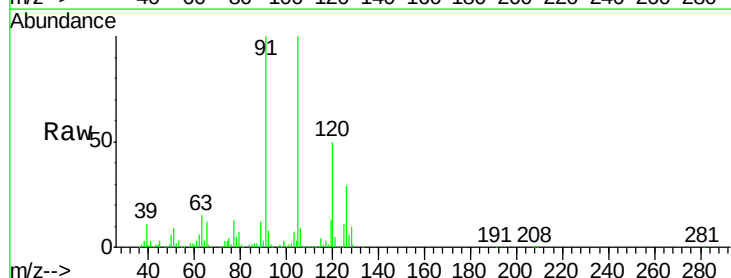
Acq: 14 May 2020 11:29

Tgt Ion: 105 Resp: 225498

Ion Ratio Lower Upper

105 100

120 48.9 24.6 74.0



Abundance Ion 105.00 (104.70 to 105.70): VX016032.D (-1701) (-)

Ion 120.00 (119.70 to 120.70): VX016032.D (-1701) (-)

200000

150000

100000

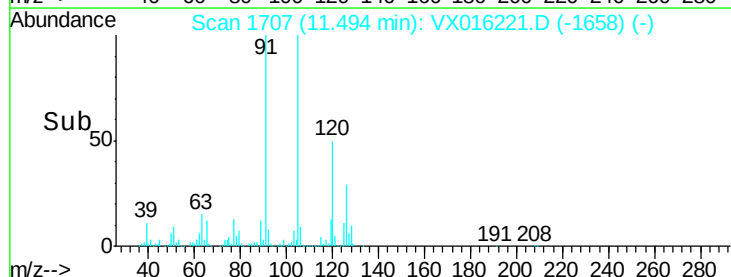
50000

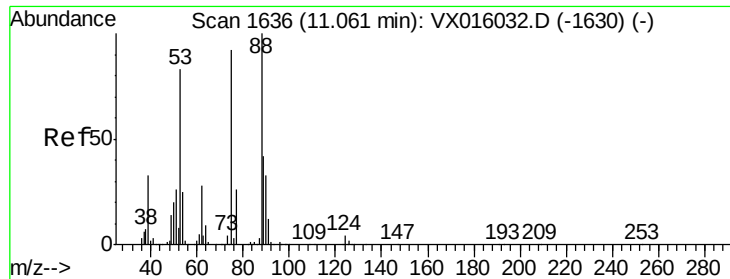
0

11.40

11.49

11.60





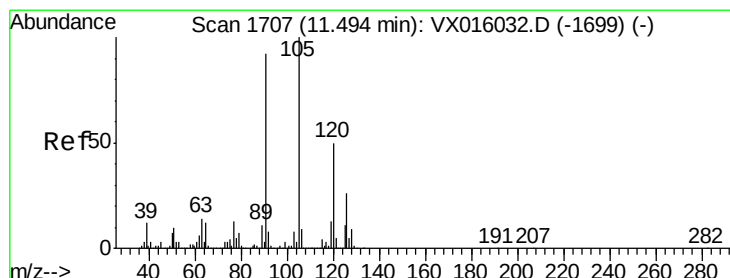
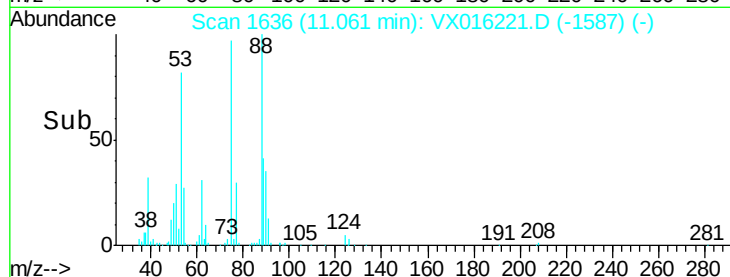
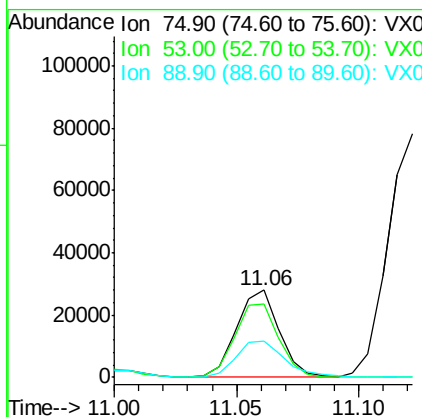
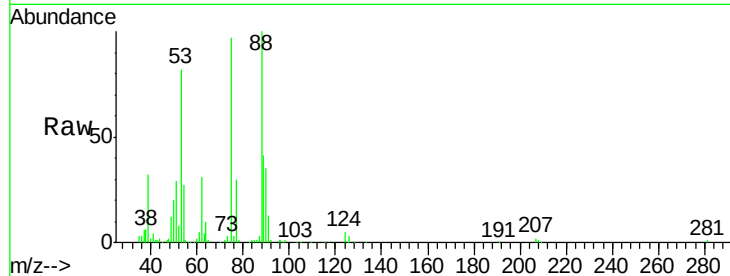
#81
trans-1,4-Dichloro-2-butene
Concen: 17.836 ug/l
RT: 11.06 min Scan# 1636
Delta R.T. -0.00 min
Lab File: VX016221.D
Acq: 14 May 2020 11:29

Instrument :
MSVOA_X
ClientSampleId :
VX0514WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	88.3	73.1	109.7
89	48.8	36.7	55.1

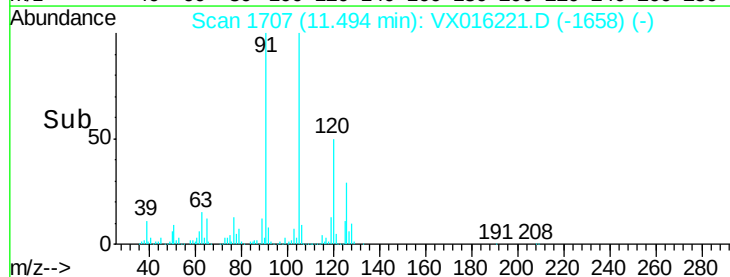
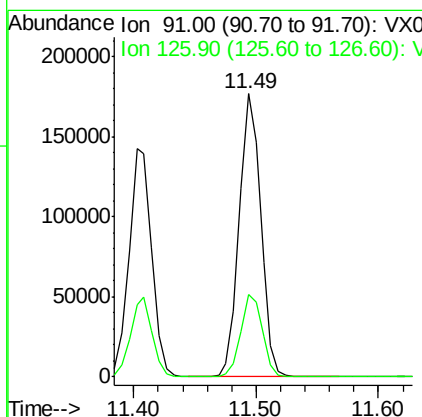
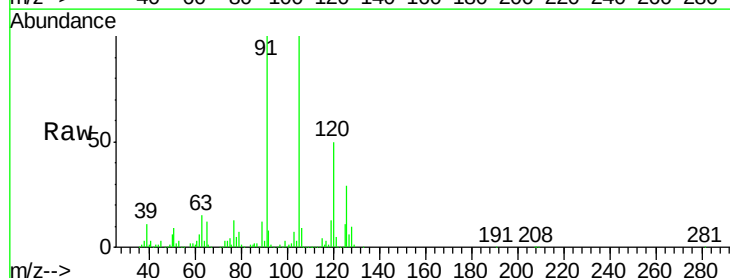
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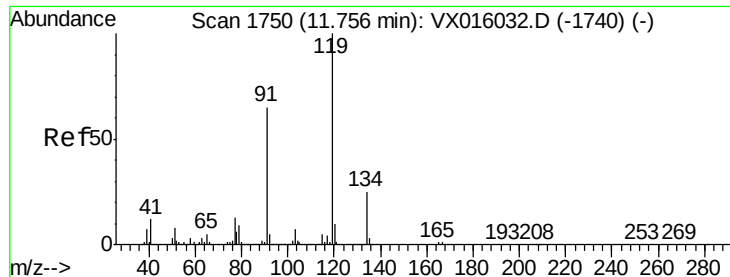
MMDadoda
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#82
4-Chlorotoluene
Concen: 18.346 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX016221.D
Acq: 14 May 2020 11:29

Tgt Ion	Ratio	Lower	Upper
91	100		
126	29.2	14.8	44.3





#83

tert-Butylbenzene

Concen: 18.520 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX016221.D

Acq: 14 May 2020 11:29

Instrument :

MSVOA_X

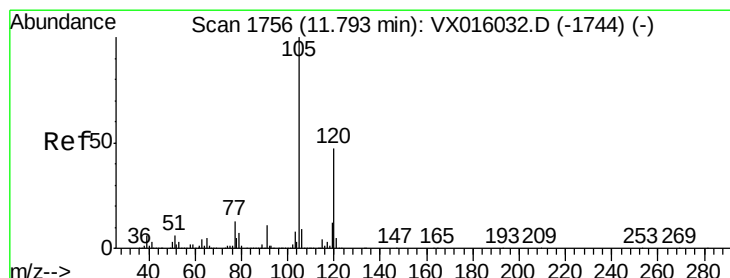
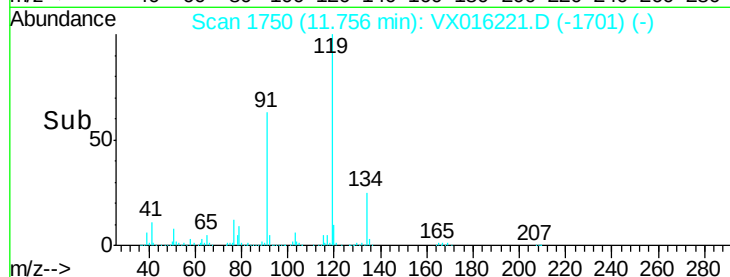
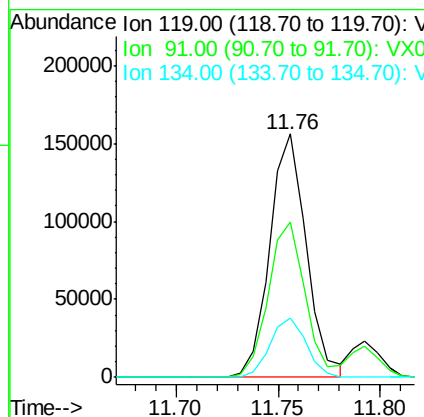
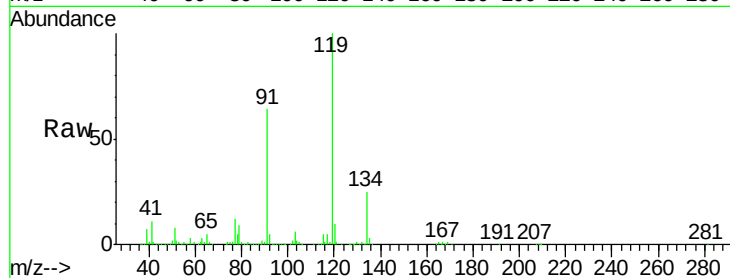
ClientSampleId :

VX0514WBS01

Tot Ion:	119	Resp:	194964
Ion Ratio	Lower	Upper	
119	100		
91	63.6	32.8	98.4
134	24.3	12.4	37.0

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#84

1,2,4-Trimethylbenzene

Concen: 18.325 ug/l

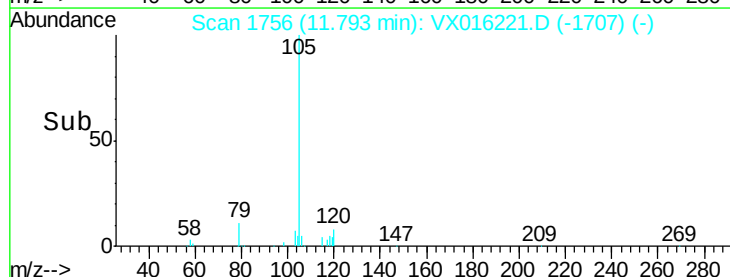
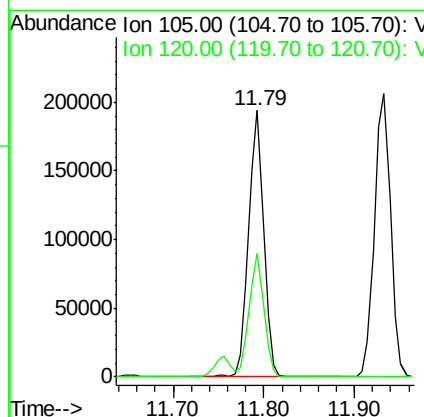
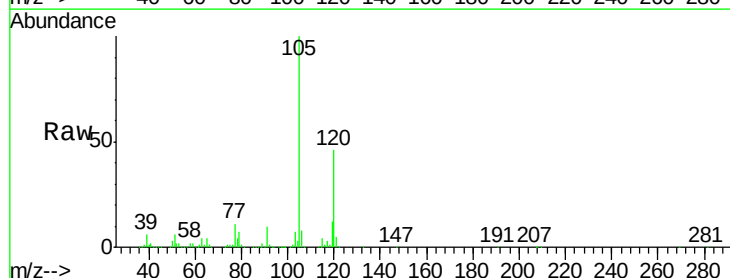
RT: 11.79 min Scan# 1756

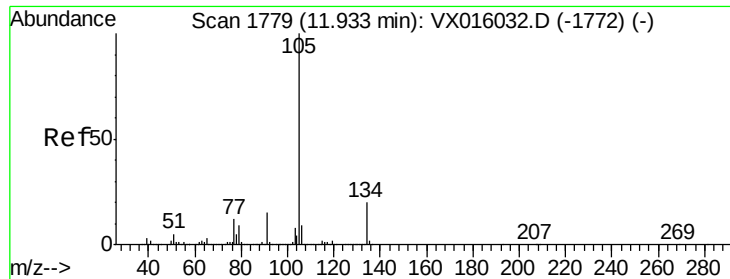
Delta R.T. -0.00 min

Lab File: VX016221.D

Acq: 14 May 2020 11:29

Tgt Ion:	105	Resp:	226310
Ion Ratio	Lower	Upper	
105	100		
120	45.5	23.0	69.0





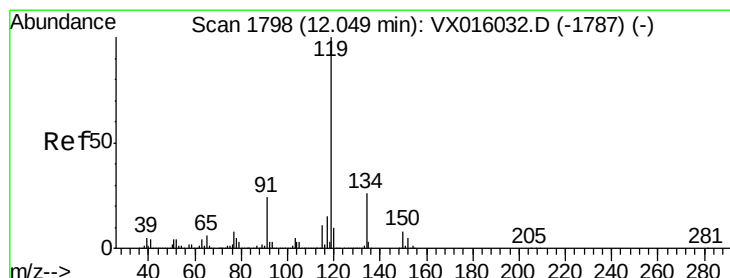
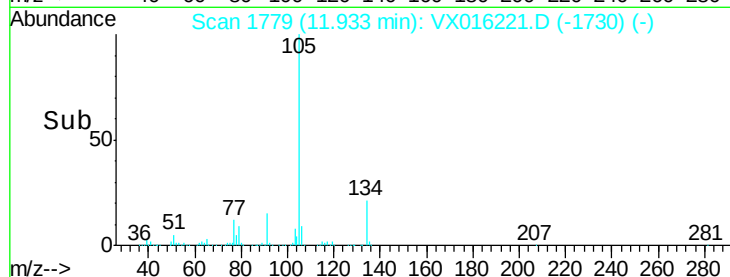
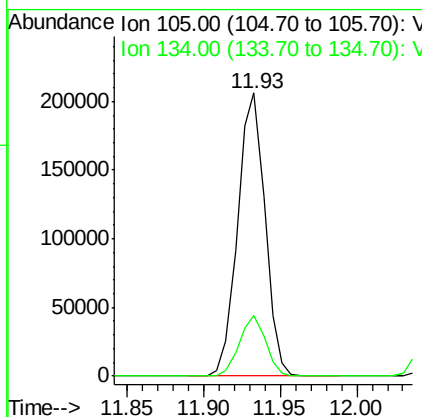
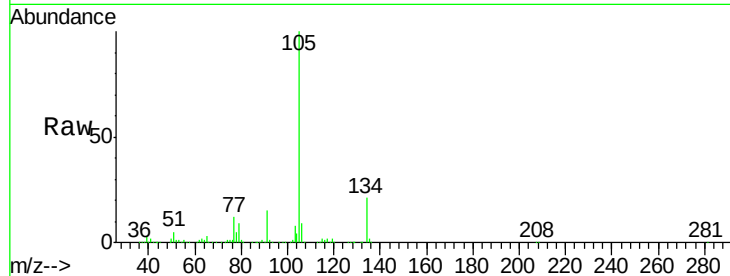
#85
 sec-Butylbenzene
 Concen: 17.932 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. -0.00 min
 Lab File: VX016221.D
 Acq: 14 May 2020 11:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0514WBS01

Tot Ion	Ratio	Resp	Lower	Upper
105	100	254885		
134	20.5	10.1	30.3	

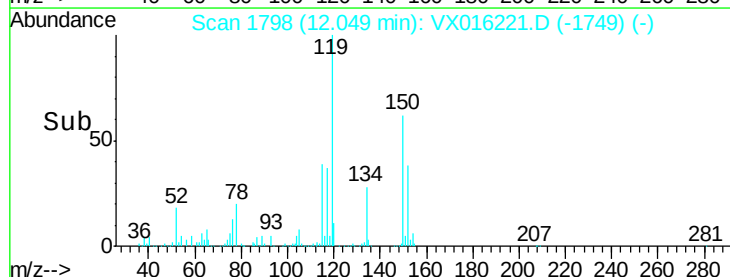
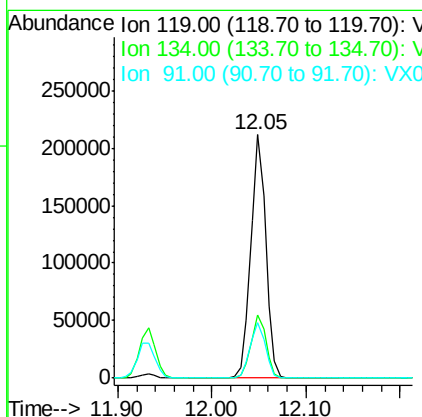
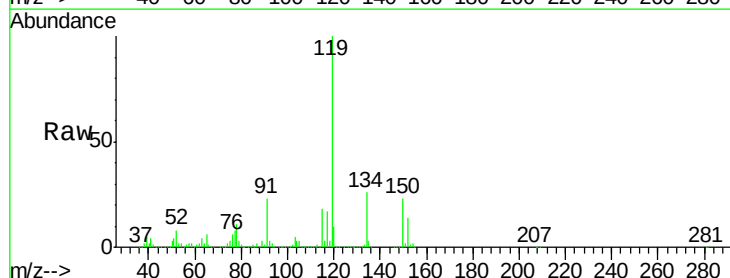
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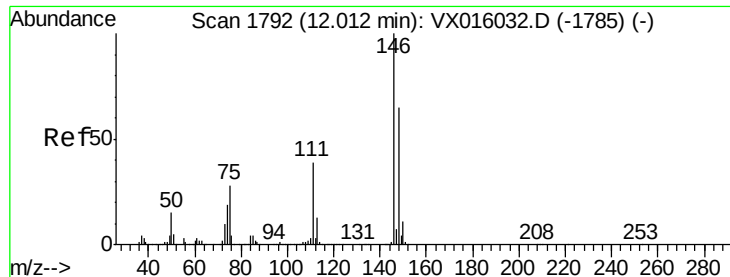
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#86
 p-Isopropyltoluene
 Concen: 18.008 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX016221.D
 Acq: 14 May 2020 11:29

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	237640		
134	26.2	13.1	39.3	
91	23.4	11.8	35.4	





#87

1,3-Dichlorobenzene

Concen: 18.196 ug/l

RT: 12.01 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX016221.D

Acq: 14 May 2020 11:29

Instrument :

MSVOA_X

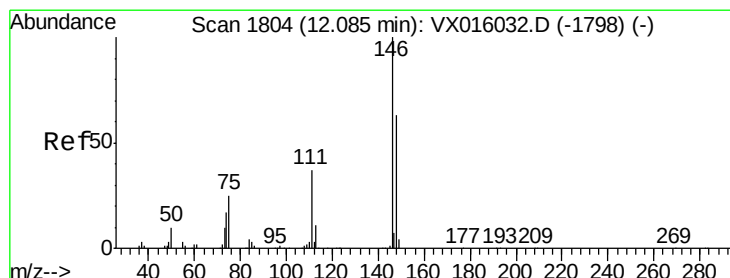
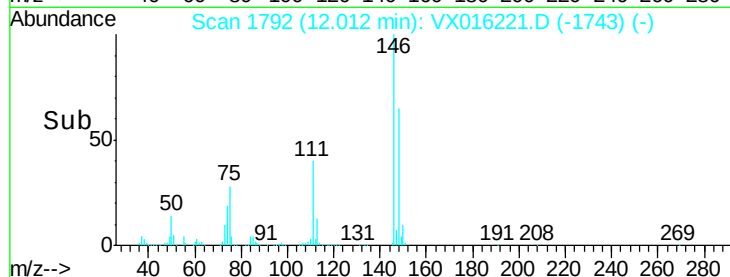
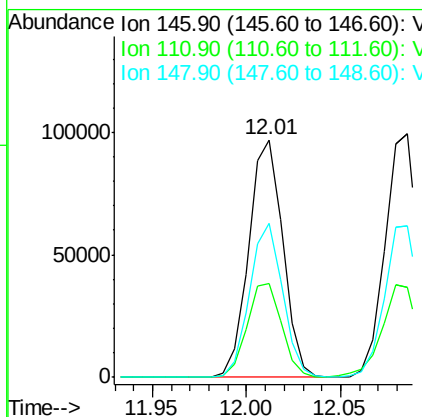
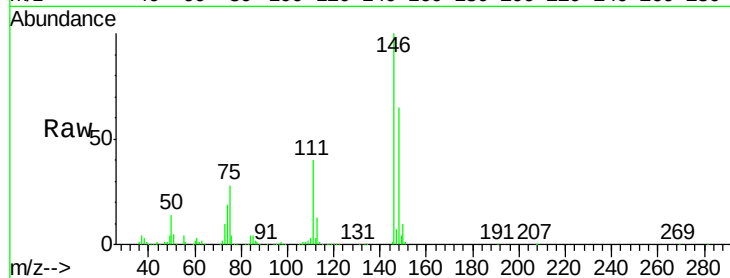
ClientSampleId :

VX0514WBS01

Tot Ion:	146	Resp:	122005
Ion Ratio	Lower	Upper	
146	100		
111	40.2	20.2	60.6
148	62.7	32.1	96.3

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 18.401 ug/l

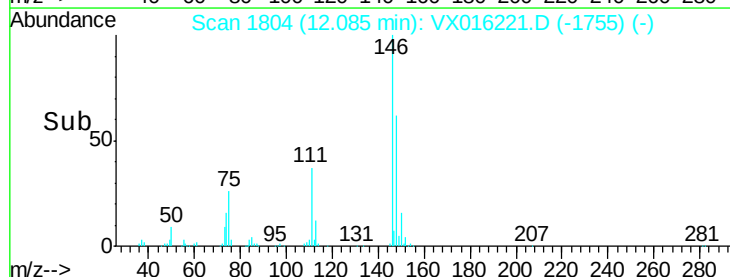
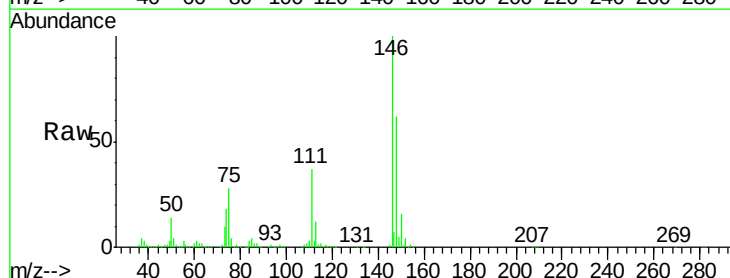
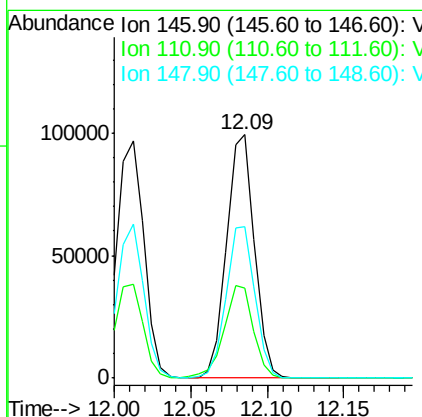
RT: 12.09 min Scan# 1804

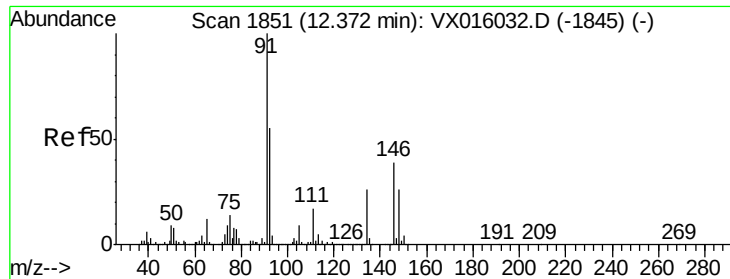
Delta R.T. -0.00 min

Lab File: VX016221.D

Acq: 14 May 2020 11:29

Tgt Ion:	146	Resp:	125228
Ion Ratio	Lower	Upper	
146	100		
111	40.0	19.6	58.7
148	64.2	31.8	95.3





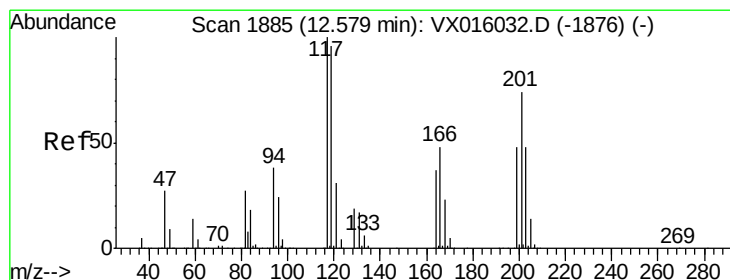
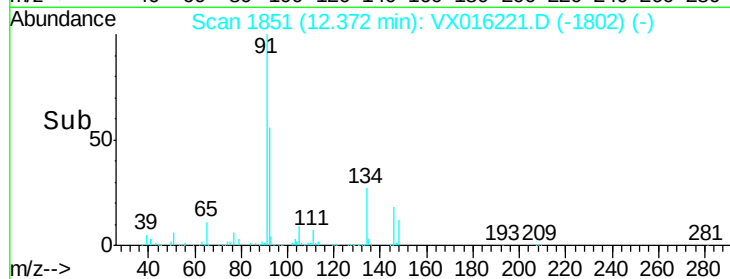
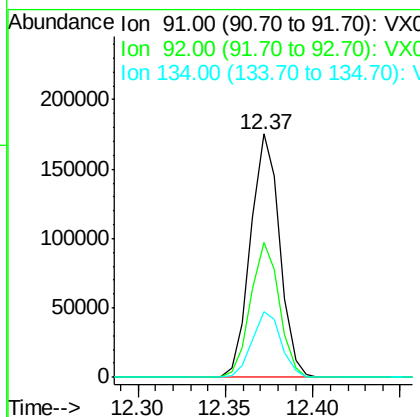
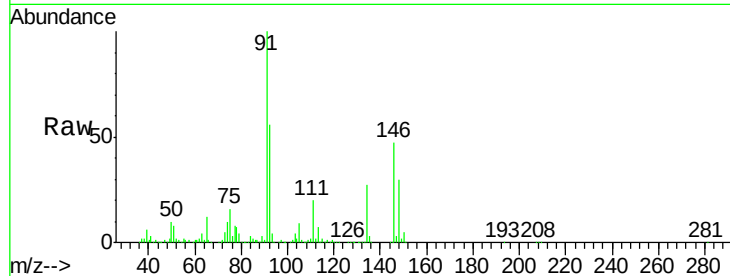
#89
n-Butylbenzene
Concen: 16.815 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX016221.D
Acq: 14 May 2020 11:29

Instrument :
MSVOA_X
ClientSampleId :
VX0514WBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.8	27.6	82.7
134	26.9	13.4	40.1

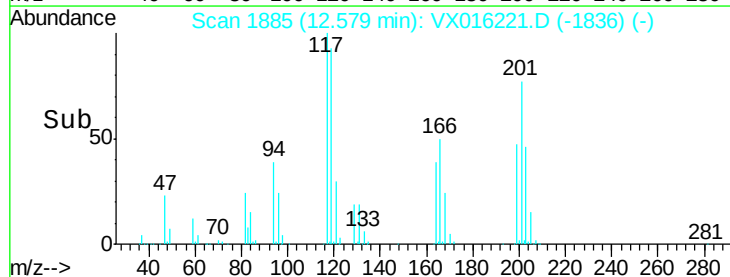
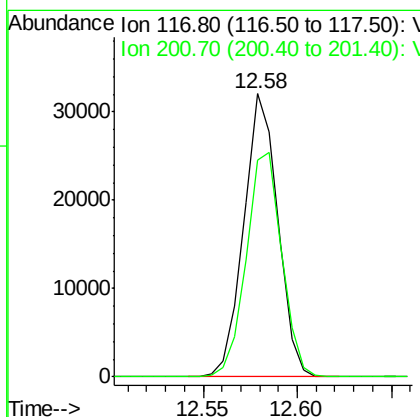
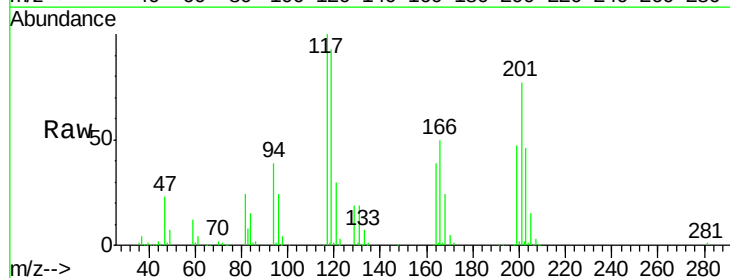
Manual Integrations
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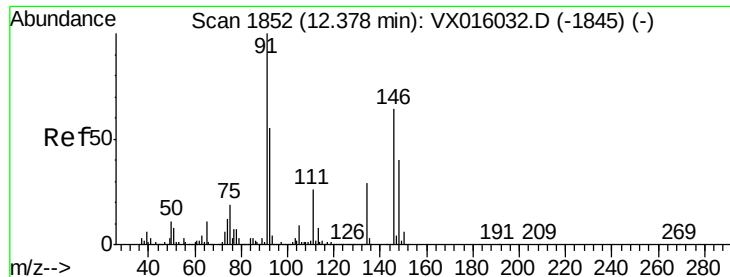
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#90
Hexachloroethane
Concen: 17.718 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX016221.D
Acq: 14 May 2020 11:29

Tgt Ion	Ratio	Lower	Upper
117	100		
201	82.6	39.8	119.3





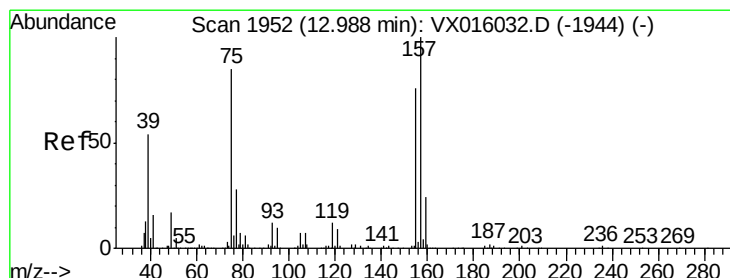
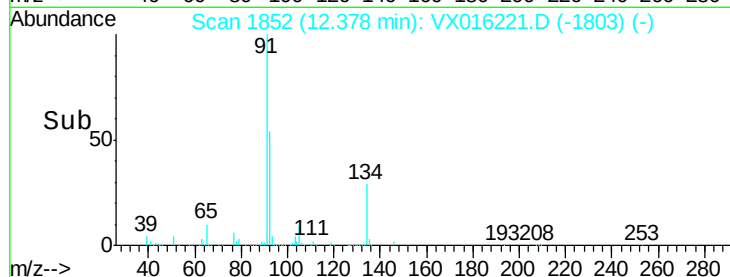
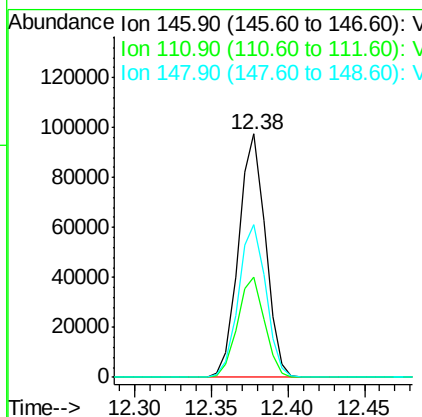
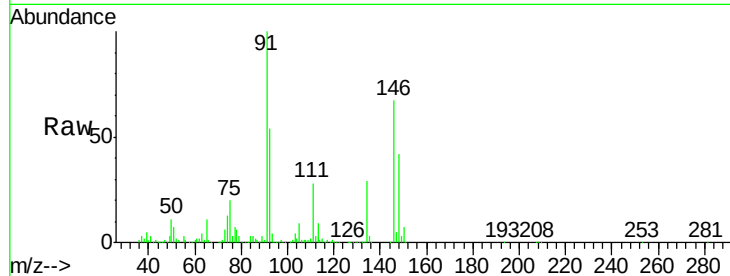
#91
 1,2-Dichlorobenzene
 Concen: 18.389 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VX016221.D
 Acq: 14 May 2020 11:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0514WBS01

Tot Ion	Ratio	Resp	Lower	Upper
146	100			
111	41.4	21.1	63.1	
148	63.9	32.4	97.0	

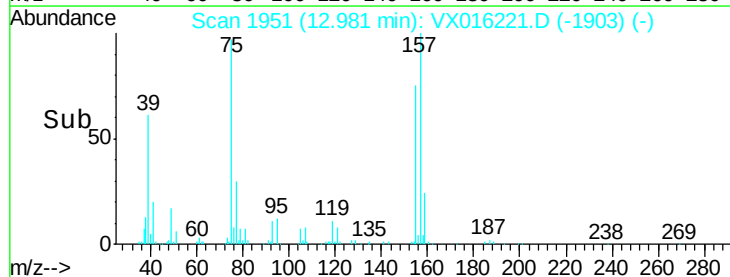
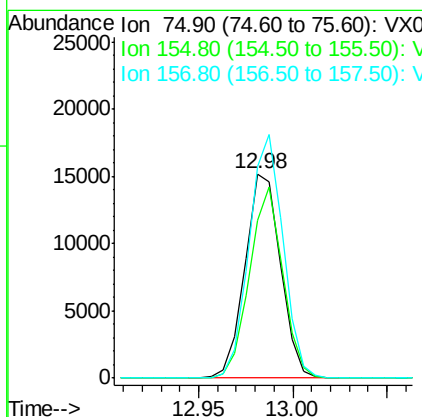
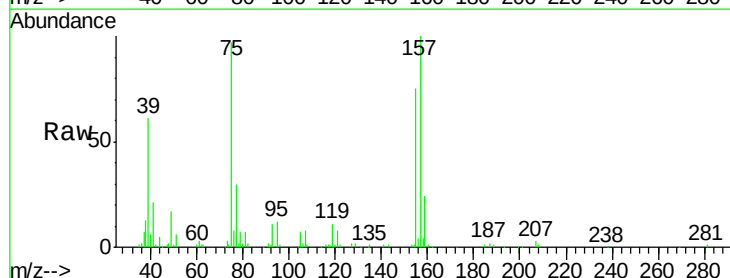
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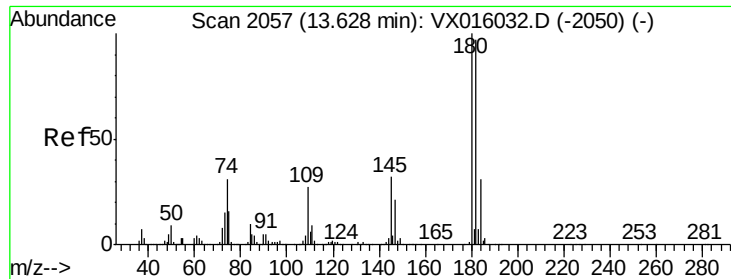
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 16.754 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.01 min
 Lab File: VX016221.D
 Acq: 14 May 2020 11:29

Tgt Ion	Ratio	Resp	Lower	Upper
75	100			
155	87.0	42.5	127.5	
157	113.5	55.3	165.8	





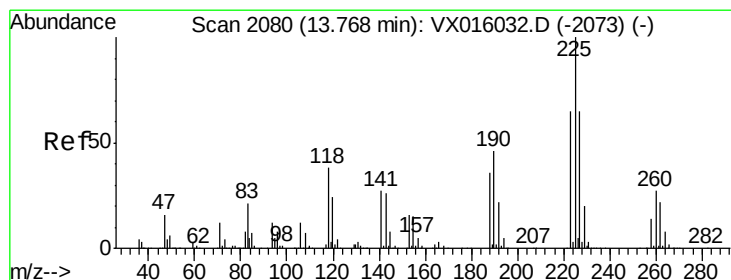
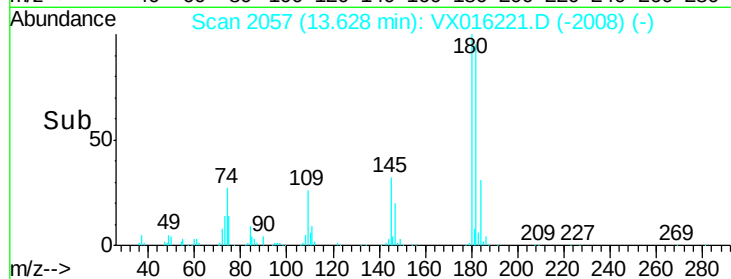
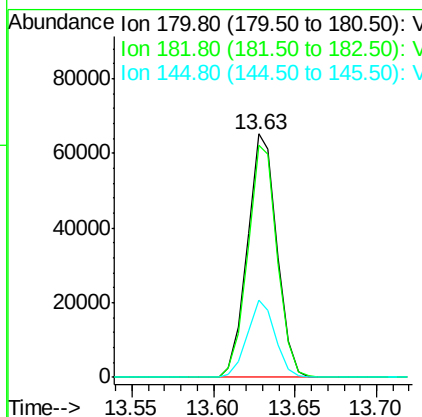
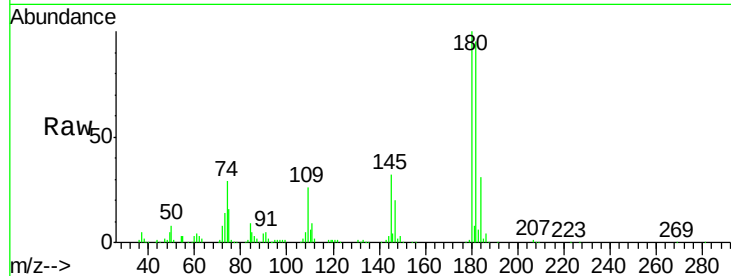
#93
 1,2,4-Trichlorobenzene
 Concen: 17.236 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX016221.D
 Acq: 14 May 2020 11:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0514WBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	82388		
182	94.8	48.7	146.1	
145	30.1	15.7	47.1	

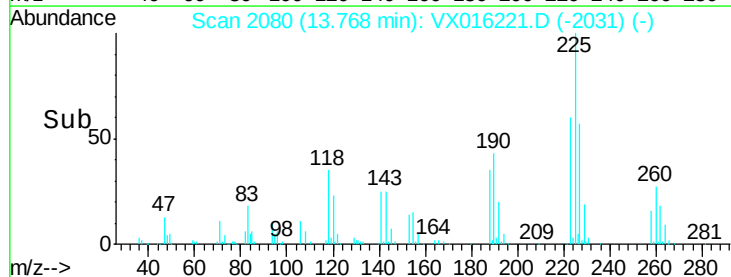
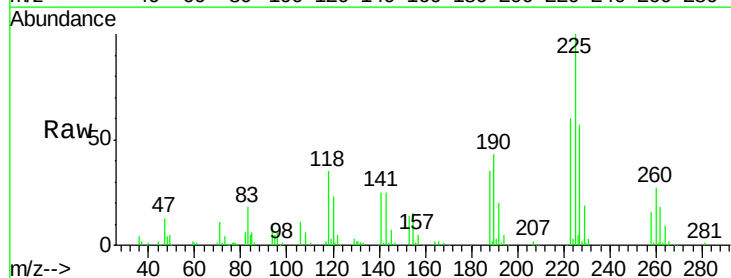
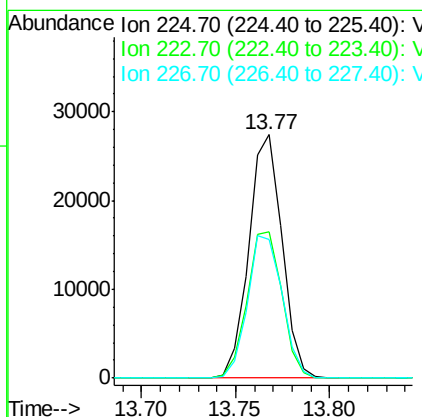
Manual Integrations
 APPROVED

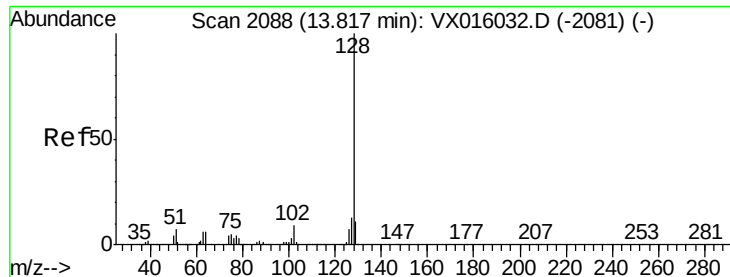
MMDadoda
 5/15/2020 12:28:58 PM



#94
 Hexachlorobutadiene
 Concen: 16.638 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: VX016221.D
 Acq: 14 May 2020 11:29

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	33520		
223	62.9	32.3	96.9	
227	61.2	31.8	95.4	





#95

Naphthalene

Concen: 17.345 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX016221.D

Acq: 14 May 2020 11:29

Instrument :

MSVOA_X

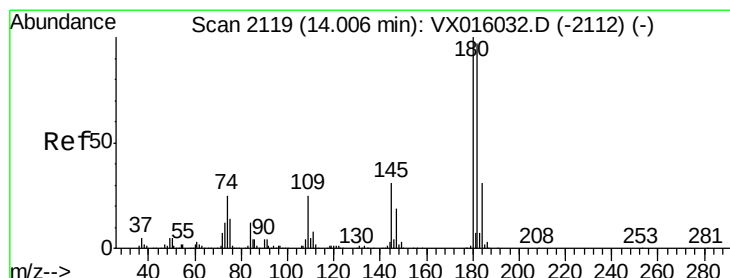
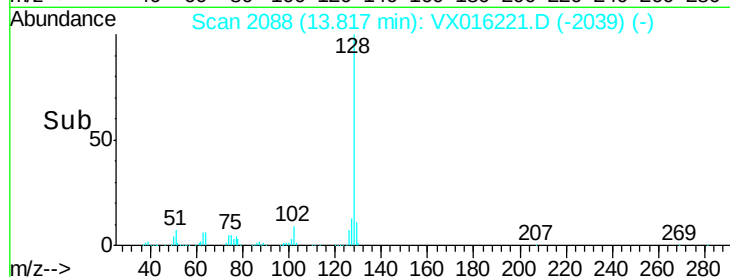
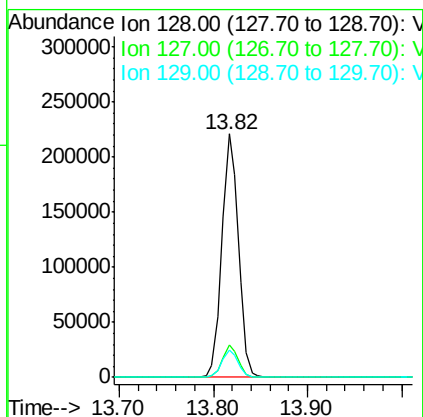
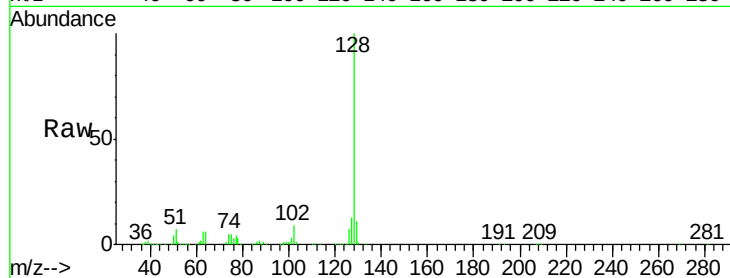
ClientSampleId :

VX0514WBS01

Tot Ion:	128	Resp:	268463
Ion Ratio	Lower	Upper	
128	100		
127	12.9	10.2	15.4
129	11.0	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
5/15/2020 12:28:58 PM



#96

1,2,3-Trichlorobenzene

Concen: 16.912 ug/l

RT: 14.01 min Scan# 2119

Delta R.T. -0.00 min

Lab File: VX016221.D

Acq: 14 May 2020 11:29

Tgt Ion:	180	Resp:	79006
Ion Ratio	Lower	Upper	
180	100		
182	99.0	48.4	145.0
145	33.1	16.4	49.1

