

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX111920\
 Data File : VX019452.D
 Acq On : 18 Nov 2020 13:52
 Operator : JC/MD
 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Manual Integrations
 APPROVED

MMDadoda
 11/19/2020 11:57:59 AM

Quant Time: Nov 18 16:49:00 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X111920W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 18 16:21:40 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	216826	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.82	114	375783	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.09	117	344588	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	154424	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	19471	6.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	13.30%	
35) Dibromofluoromethane	5.46	113	12877	5.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.74%	
50) Toluene-d8	8.69	98	50800	5.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	11.18%	
62) 4-Bromofluorobenzene	11.12	95	17181	5.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.00%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.18	85	11608	5.977	ug/l 100
3) Chloromethane	1.31	50	15394	6.975	ug/l 98
4) Vinyl Chloride	1.39	62	15451	6.242	ug/l 97
5) Bromomethane	1.62	94	7603	4.822	ug/l 89
6) Chloroethane	1.69	64	6019	4.234	ug/l 96
7) Trichlorofluoromethane	1.90	101	22106	5.868	ug/l 96
8) Diethyl Ether	2.17	74	8643	5.945	ug/l 96
9) 1,1,2-Trichlorotrifluoroet	2.36	101	12153	5.821	ug/l 97
10) Methyl Iodide	2.48	142	12887	5.781	ug/l 99
11) Tert butyl alcohol	3.05	59	15085	26.274	ug/l 98
12) 1,1-Dichloroethene	2.35	96	11790	5.507	ug/l 96
13) Acrolein	2.27	56	12090	38.658	ug/l 87
14) Allyl chloride	2.70	41	20611	6.154	ug/l 99
15) Acrylonitrile	3.12	53	37214	30.512	ug/l 99
16) Acetone	2.42	43	33691	32.822	ug/l 98
17) Carbon Disulfide	2.54	76	30854	4.742	ug/l 99
18) Methyl Acetate	2.75	43	17352	6.941	ug/l 98
19) Methyl tert-butyl Ether	3.17	73	42390	5.651	ug/l 97
20) Methylene Chloride	2.83	84	16245	6.481	ug/l 96
21) trans-1,2-Dichloroethene	3.14	96	13470	5.461	ug/l 94
22) Diisopropyl ether	3.82	45	41618	6.194	ug/l 95
23) Vinyl Acetate	3.78	43	171307	28.769	ug/l 99
24) 1,1-Dichloroethane	3.67	63	25773	6.252	ug/l 98
25) 2-Butanone	4.64	43	49166	30.489	ug/l 97
26) 2,2-Dichloropropane	4.54	77	21355	5.587	ug/l 100
27) cis-1,2-Dichloroethene	4.56	96	15029	5.454	ug/l 97
28) Bromochloromethane	4.98	49	12220	6.426	ug/l 100
29) Tetrahydrofuran	5.09	42	31255	30.816	ug/l 97
30) Chloroform	5.17	83	25639	5.899	ug/l 99
31) Cyclohexane	5.54	56	20854	5.647	ug/l 95
32) 1,1,1-Trichloroethane	5.45	97	22246	5.674	ug/l 99
36) 1,1-Dichloropropene	5.76	75	18754	5.304	ug/l 99
37) Ethyl Acetate	4.79	43	19493	5.807	ug/l 97
38) Carbon Tetrachloride	5.75	117	18001	5.040	ug/l 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.43	83	20441	4.880	ug/l	96
40) Benzene	6.10	78	58433	5.792	ug/l	100
41) Methacrylonitrile	5.00	41	10222	5.658	ug/l	96
42) 1,2-Dichloroethane	6.15	62	22520	6.014	ug/l	99
43) Isopropyl Acetate	6.40	43	31039	5.552	ug/l	98
44) Trichloroethene	7.18	130	14969	5.290	ug/l	98
45) 1,2-Dichloropropane	7.49	63	15052	6.021	ug/l	97
46) Dibromomethane	7.63	93	9748	5.358	ug/l	99
47) Bromodichloromethane	7.87	83	18726	5.241	ug/l	99
48) Methyl methacrylate	7.74	41	14824	5.485	ug/l	96
49) 1,4-Dioxane	7.73	88	5975	101.212	ug/l #	90
51) 4-Methyl-2-Pentanone	8.62	43	93758	28.864	ug/l	99
52) Toluene	8.76	92	35061	5.410	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	18843	4.614	ug/l	92
54) cis-1,3-Dichloropropene	8.41	75	21500	4.989	ug/l	97
55) 1,1,2-Trichloroethane	9.20	97	14210	5.544	ug/l	95
56) Ethyl methacrylate	9.16	69	18175	4.723	ug/l	98
57) 1,3-Dichloropropane	9.35	76	24462	5.626	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	52966	24.299	ug/l	99
59) 2-Hexanone	9.47	43	68523	27.639	ug/l	96
60) Dibromochloromethane	9.56	129	12099	4.432	ug/l	99
61) 1,2-Dibromoethane	9.65	107	14733	5.397	ug/l	95
64) Tetrachloroethene	9.32	164	15165	5.708	ug/l	98
65) Chlorobenzene	10.12	112	36497	5.148	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.20	131	12423	4.856	ug/l	97
67) Ethyl Benzene	10.23	91	63875	5.021	ug/l	99
68) m/p-Xylenes	10.34	106	44959	9.448	ug/l	99
69) o-Xylene	10.68	106	21465	4.755	ug/l	98
70) Styrene	10.70	104	34457	4.477	ug/l	99
71) Bromoform	10.84	173	7313	3.674	ug/l #	99
73) Isopropylbenzene	11.00	105	58830	5.316	ug/l	99
74) N-amyl acetate	10.88	43	21540	5.192	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.25	83	19889	5.682	ug/l	97
76) 1,2,3-Trichloropropane	11.28	75	19990m	6.102	ug/l	
77) Bromobenzene	11.24	156	14177	5.248	ug/l	96
78) n-propylbenzene	11.34	91	65323	5.157	ug/l	99
79) 2-Chlorotoluene	11.40	91	41157	5.494	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	48195	5.138	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.05	75	5090	4.144	ug/l	89
82) 4-Chlorotoluene	11.49	91	48851	5.346	ug/l	99
83) tert-Butylbenzene	11.75	119	44256	4.987	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	47716	5.043	ug/l	99
85) sec-Butylbenzene	11.93	105	54463	5.080	ug/l	99
86) p-Isopropyltoluene	12.05	119	48153	4.883	ug/l	98
87) 1,3-Dichlorobenzene	12.01	146	26936	5.301	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	27525	5.194	ug/l	95
89) n-Butylbenzene	12.37	91	44533	4.793	ug/l	98
90) Hexachloroethane	12.58	117	7526	4.538	ug/l	100
91) 1,2-Dichlorobenzene	12.37	146	25869	5.277	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	3972	4.680	ug/l	98

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MSVOA_X
ClientSampleId :
VSTDICC005

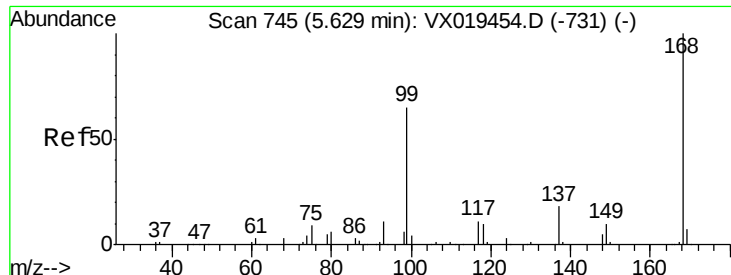
Manual Integrations
APPROVED

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11/19/2020 11:57:59 AM

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X111920W.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	14895	4.138	ug/l	99
94) Hexachlorobutadiene	13.76	225	7104	4.468	ug/l	95
95) Naphthalene	13.82	128	45562	3.958	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	14891	4.246	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.62 min Scan# 744

Delta R.T. -0.01 min

Lab File: VX019452.D

Acq: 18 Nov 2020 13:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion:168 Resp: 216826

Ion Ratio Lower Upper

168 100

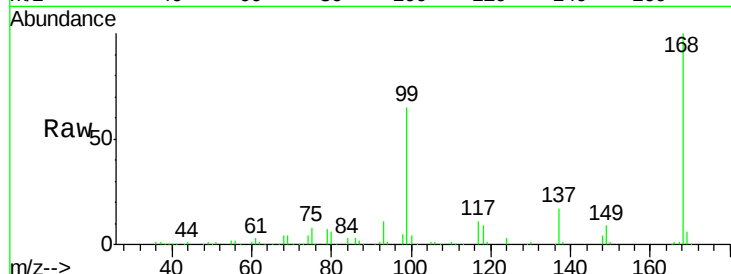
99 64.8 52.1 78.1

Manual Integrations

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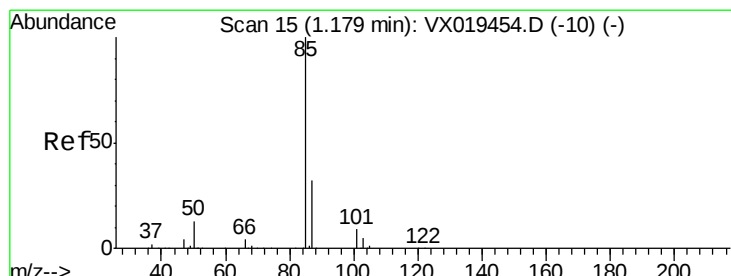
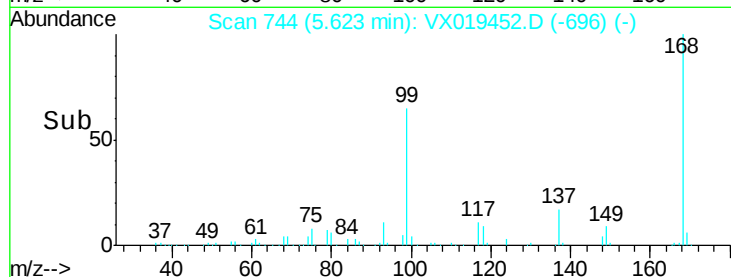
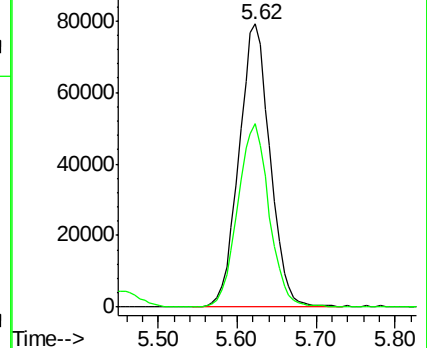
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 5.977 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.01 min

Lab File: VX019452.D

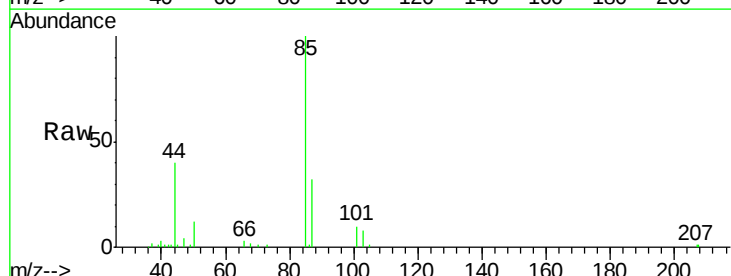
Acq: 18 Nov 2020 13:52

Tgt Ion: 85 Resp: 11608

Ion Ratio Lower Upper

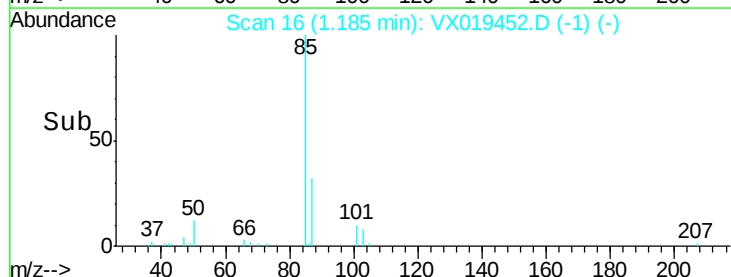
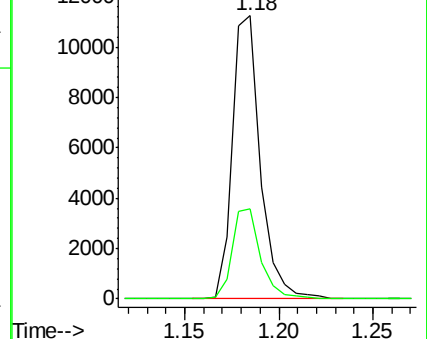
85 100

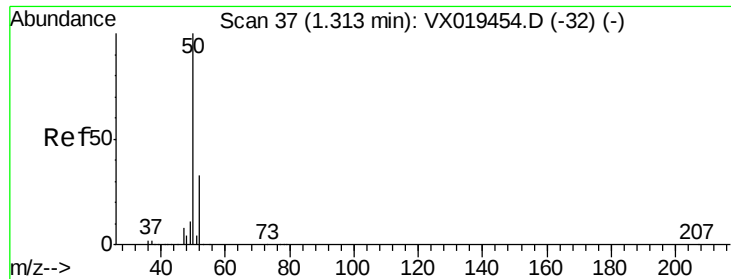
87 31.8 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 6.975 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX019452.D

Acq: 18 Nov 2020 13:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 50 Resp: 15394

Ion Ratio Lower Upper

50 100

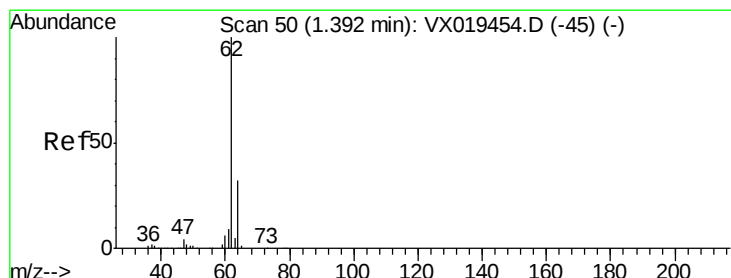
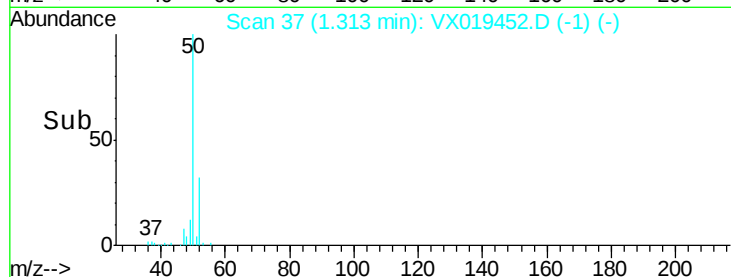
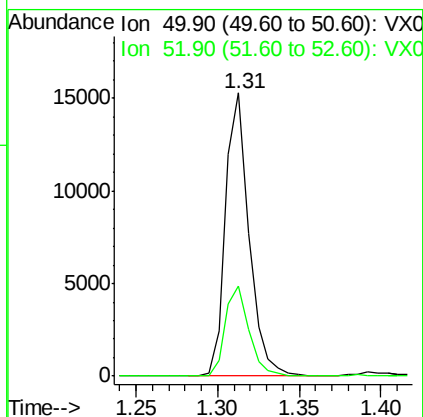
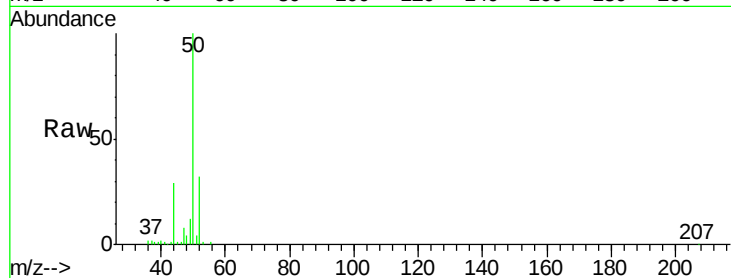
52 31.7 26.4 39.6

Manual Integrations

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#4

Vinyl Chloride

Concen: 6.242 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX019452.D

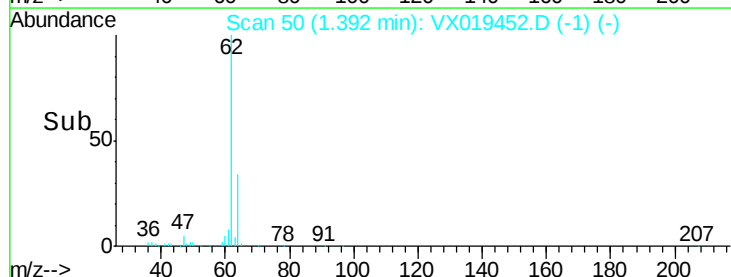
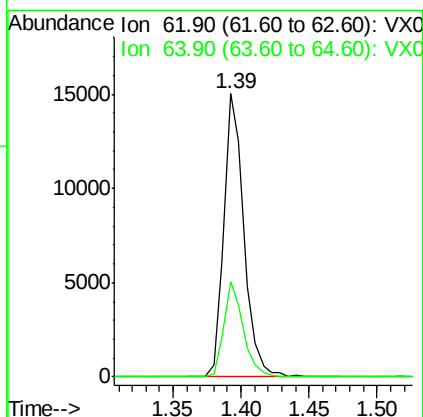
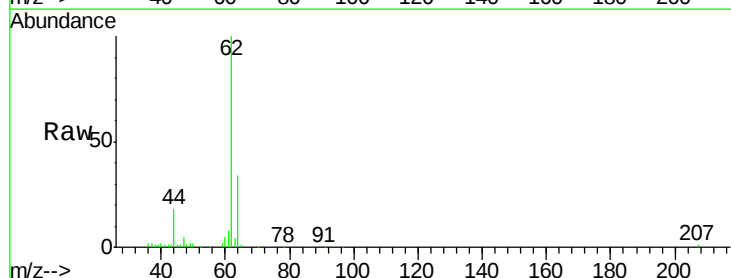
Acq: 18 Nov 2020 13:52

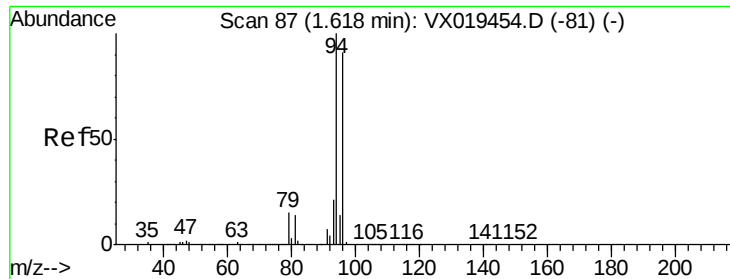
Tgt Ion: 62 Resp: 15451

Ion Ratio Lower Upper

62 100

64 33.5 25.3 37.9





#5

Bromomethane

Concen: 4.822 ug/l

RT: 1.62 min Scan# 87

Delta R.T. 0.00 min

Lab File: VX019452.D

Acq: 18 Nov 2020 13:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 94 Resp: 7603

Ion Ratio Lower Upper

94 100

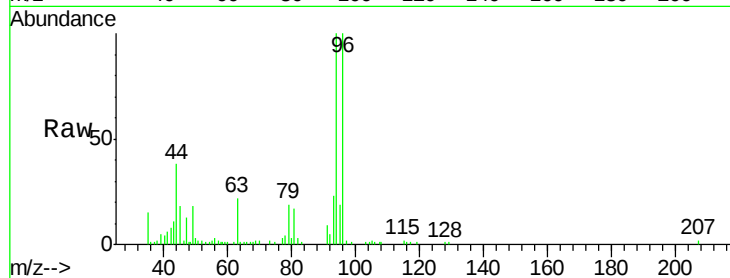
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Manual Integrations

APPROVED

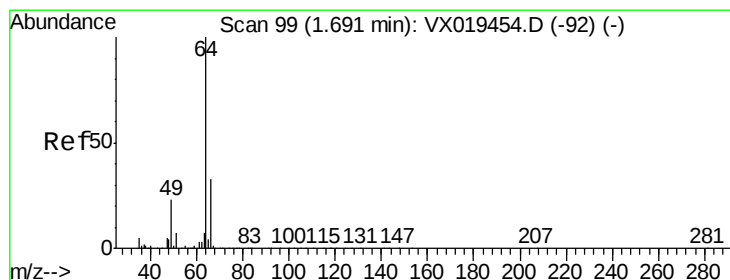
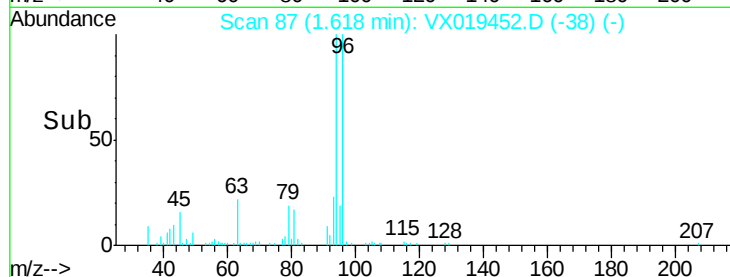
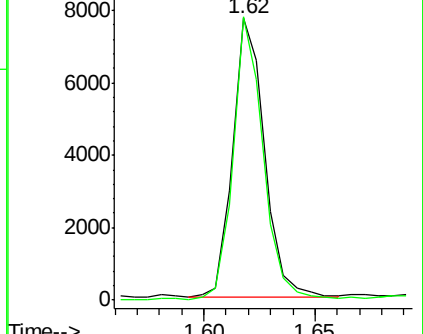
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 4.234 ug/l

RT: 1.69 min Scan# 99

Delta R.T. 0.00 min

Lab File: VX019452.D

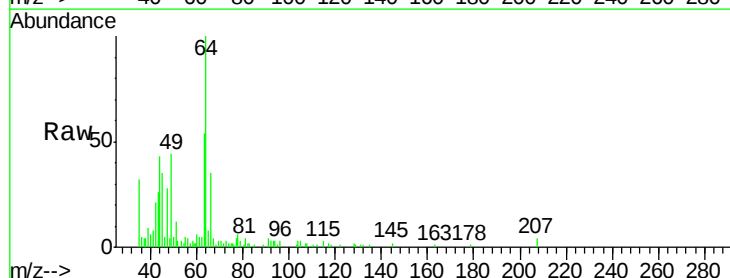
Acq: 18 Nov 2020 13:52

Tgt Ion: 64 Resp: 6019

Ion Ratio Lower Upper

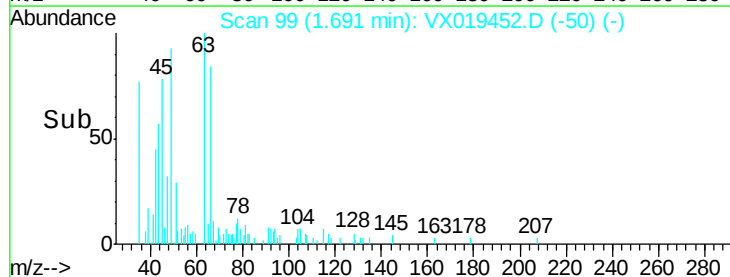
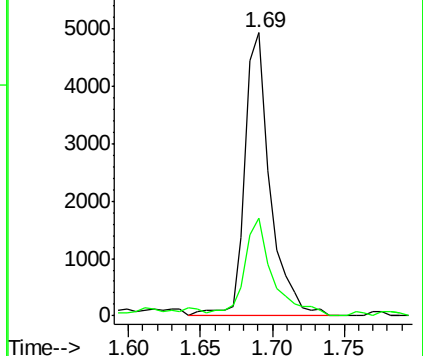
64 100

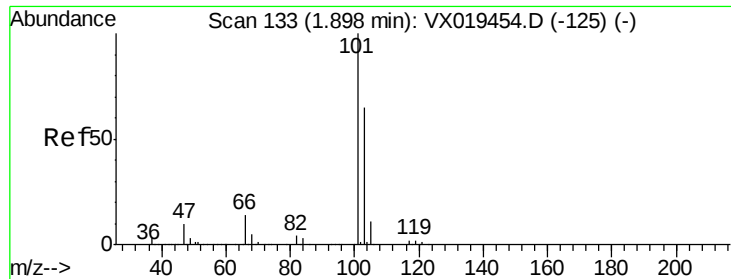
66 34.7 26.1 39.1



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

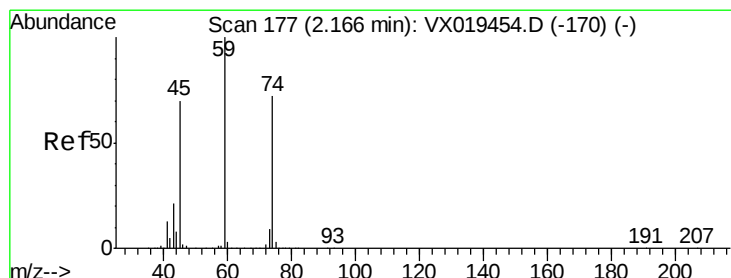
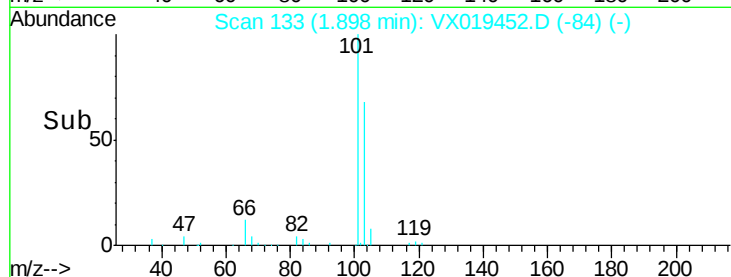
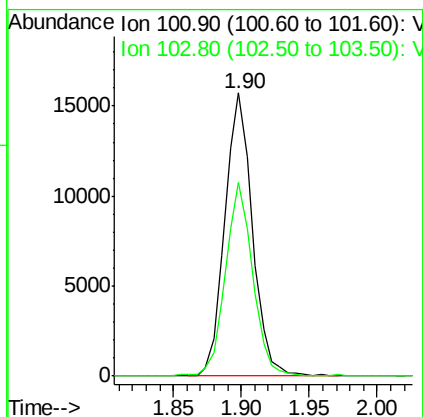
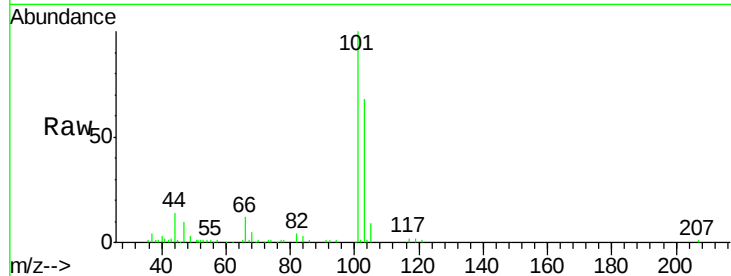
Trichlorofluoromethane
Concen: 5.868 ug/l
RT: 1.90 min Scan# 133
Delta R.T. 0.00 min
Lab File: VX019452.D
Acq: 18 Nov 2020 13:52

Instrument :
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VSTDIC005

Tot Ion	Ratio	Lower	Upper
101	100		
103	67.8	51.8	77.8

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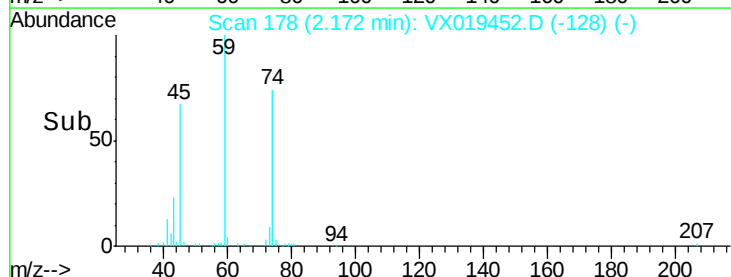
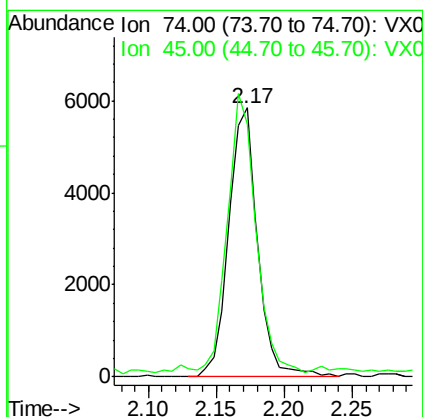
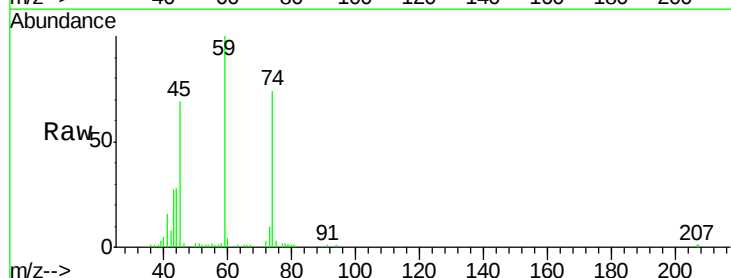
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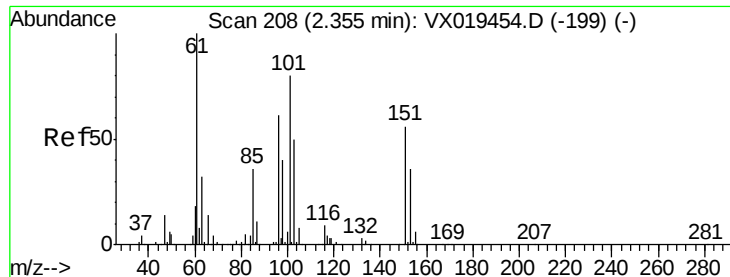


#8

Diethyl Ether
Concen: 5.945 ug/l
RT: 2.17 min Scan# 178
Delta R.T. 0.01 min
Lab File: VX019452.D
Acq: 18 Nov 2020 13:52

Tgt Ion	Ratio	Lower	Upper
74	100		
45	101.6	48.8	146.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 5.821 ug/l

RT: 2.36 min Scan# 208

Delta R.T. 0.00 min

Lab File: VX019452.D

Acq: 18 Nov 2020 13:52

Instrument :

MSVOA_X

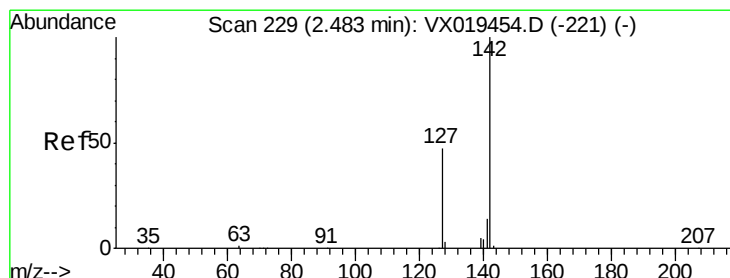
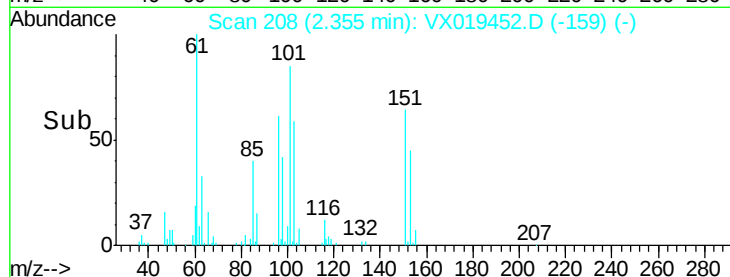
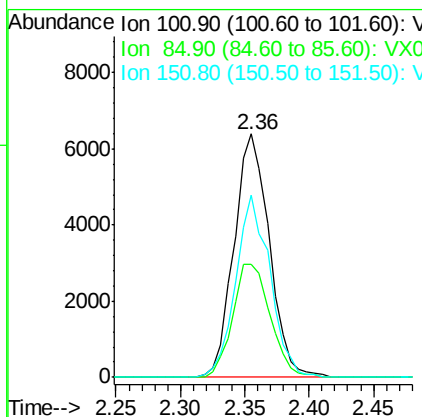
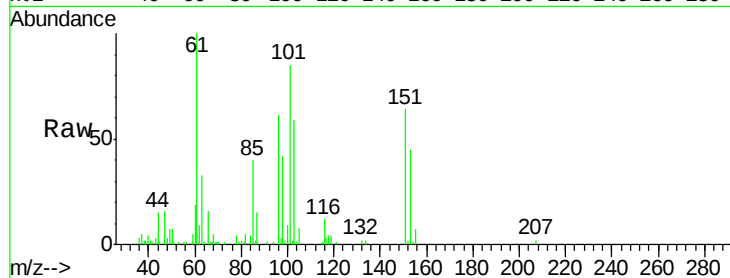
ClientSampleId :

VSTDIC005

Tot Ion:	101	Resp:	12153
Ion Ratio	Lower	Upper	
101	100		
85	49.7	36.9	55.3
151	72.5	56.8	85.2

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#10

Methyl Iodide

Concen: 5.781 ug/l

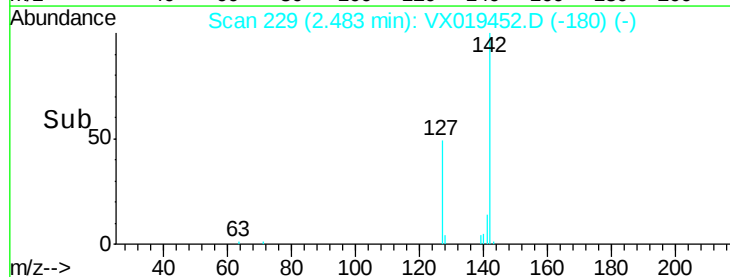
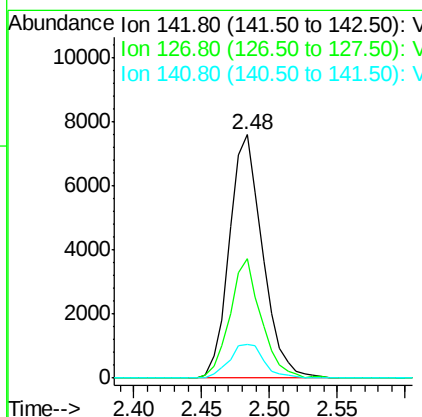
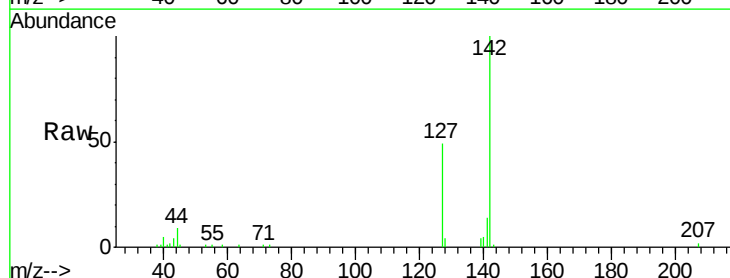
RT: 2.48 min Scan# 229

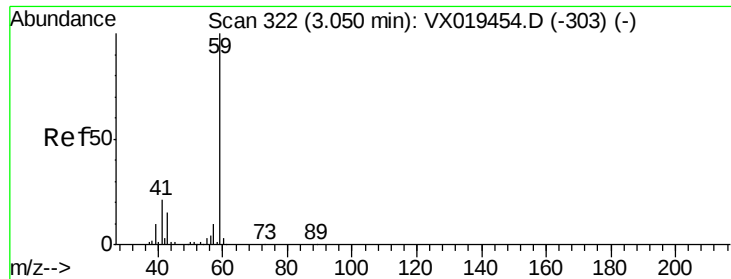
Delta R.T. 0.00 min

Lab File: VX019452.D

Acq: 18 Nov 2020 13:52

Tgt Ion:	142	Resp:	12887
Ion Ratio	Lower	Upper	
142	100		
127	46.5	37.8	56.6
141	14.8	11.4	17.2





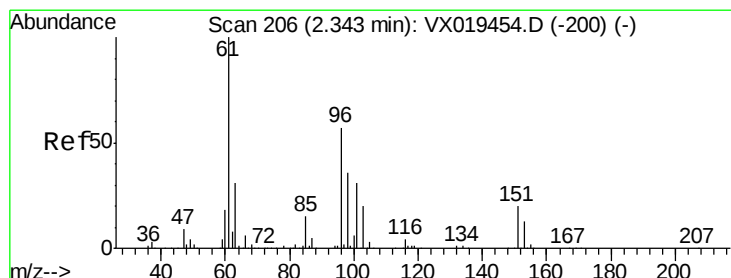
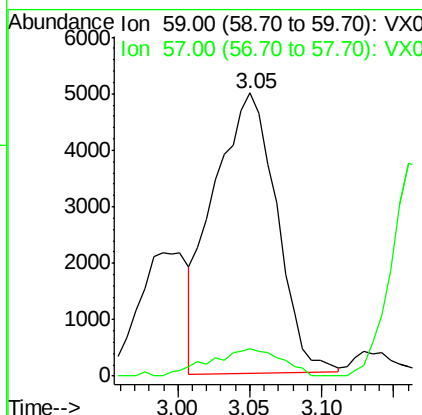
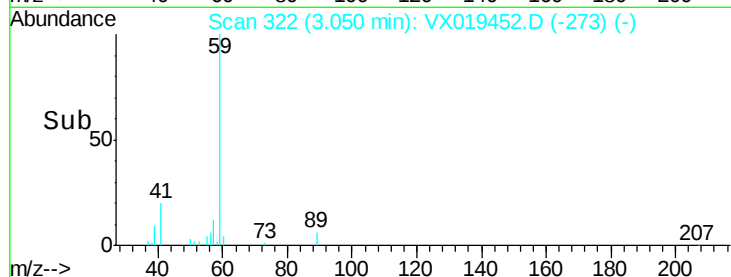
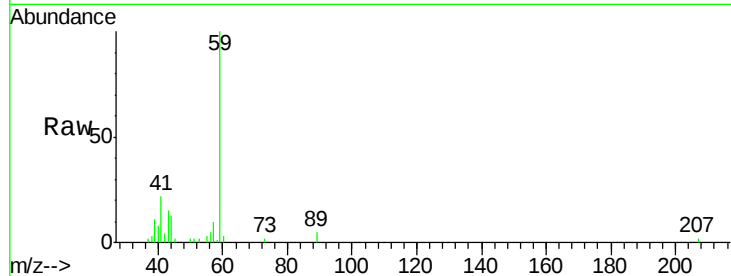
#11
Tert butyl alcohol
Concen: 26.274 ug/l
RT: 3.05 min Scan# 322
Delta R.T. 0.00 min
Lab File: VX019452.D
Acq: 18 Nov 2020 13:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion: 59 Resp: 15085
Ion Ratio Lower Upper
59 100
57 11.2 8.4 12.6

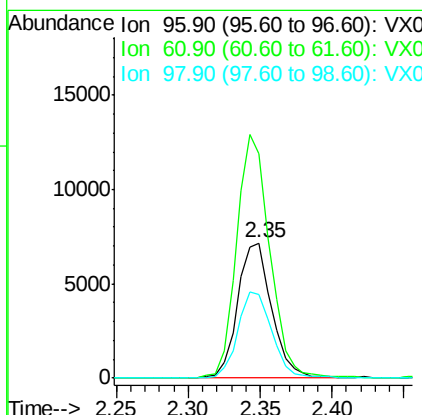
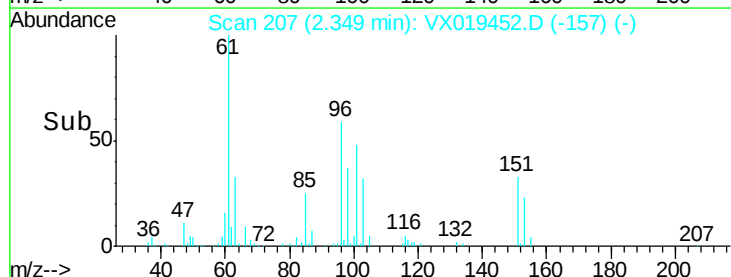
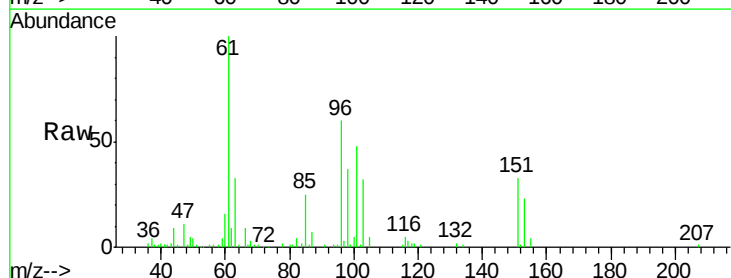
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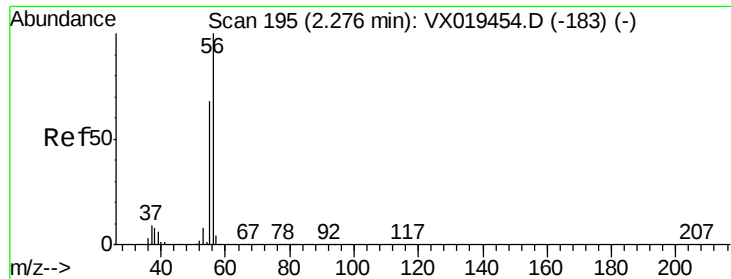
MMDadoda
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#12
1,1-Dichloroethene
Concen: 5.507 ug/l
RT: 2.35 min Scan# 207
Delta R.T. 0.01 min
Lab File: VX019452.D
Acq: 18 Nov 2020 13:52

Tgt Ion: 96 Resp: 11790
Ion Ratio Lower Upper
96 100
61 166.6 139.2 208.8
98 61.6 50.3 75.5





#13

Acrolein

Concen: 38.658 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.01 min

Lab File: VX019452.D

Acq: 18 Nov 2020 13:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 56 Resp: 12090

Ion Ratio Lower Upper

56 100

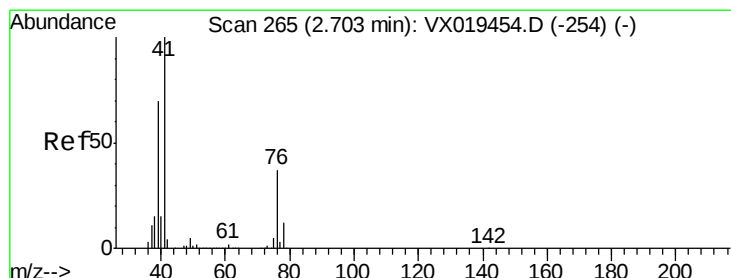
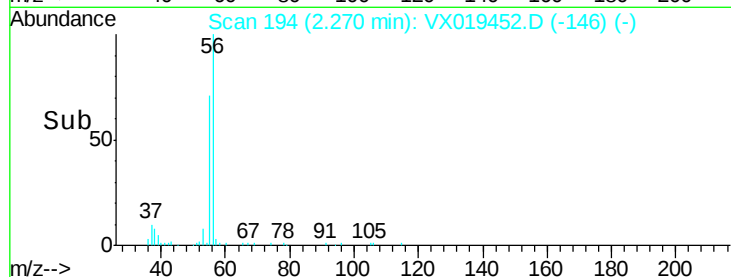
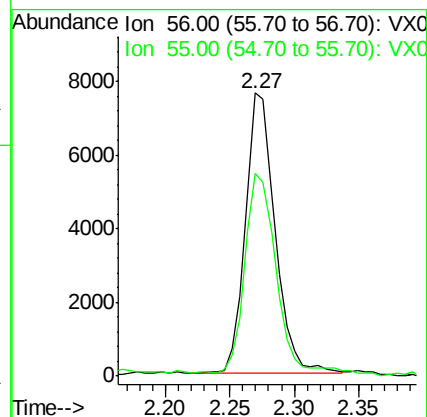
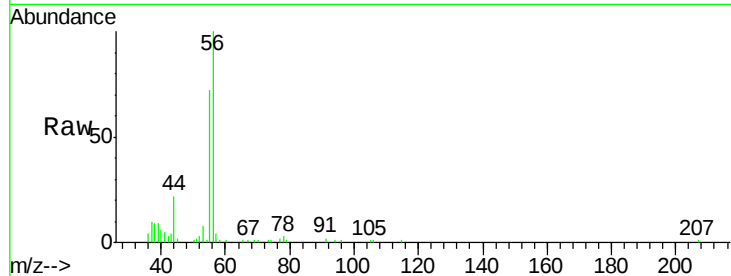
55 80.3 55.9 83.9

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#14

Allyl chloride

Concen: 6.154 ug/l

RT: 2.70 min Scan# 264

Delta R.T. -0.01 min

Lab File: VX019452.D

Acq: 18 Nov 2020 13:52

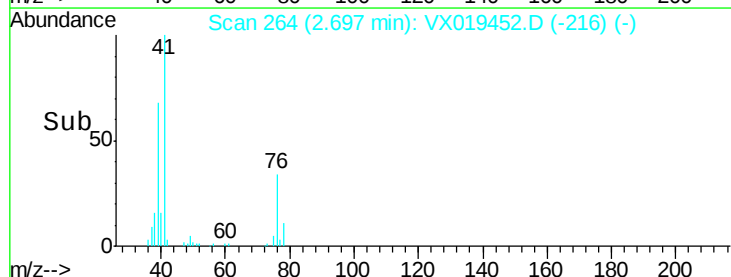
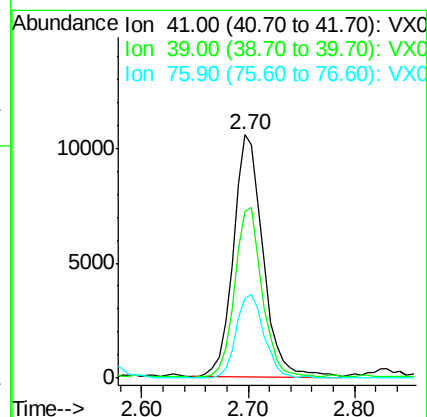
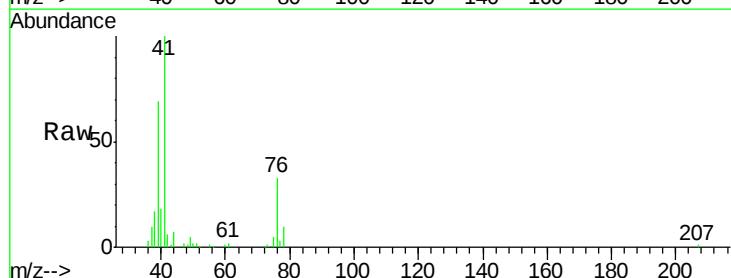
Tgt Ion: 41 Resp: 20611

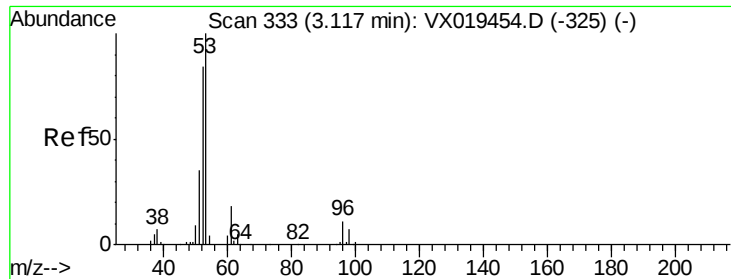
Ion Ratio Lower Upper

41 100

39 66.3 53.2 79.8

76 32.4 27.5 41.3





#15

Acrylonitrile

Concen: 30.512 ug/l

RT: 3.12 min Scan# 333

Delta R.T. 0.00 min

Lab File: VX019452.D

Acq: 18 Nov 2020 13:52

Instrument :

MSVOA_X

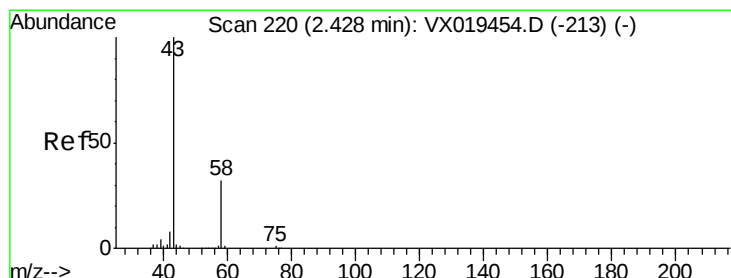
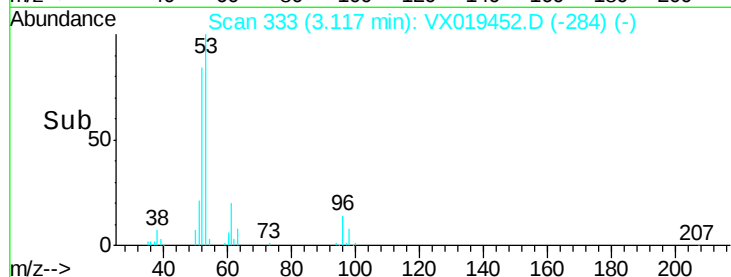
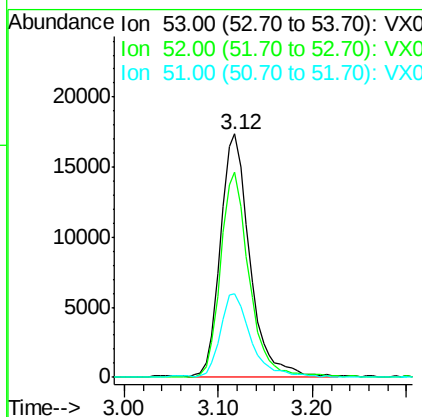
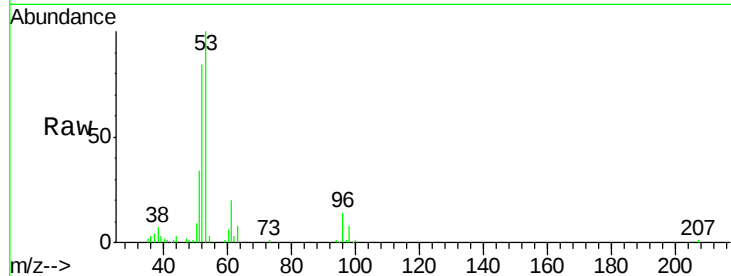
ClientSampleId :

VSTDIC005

Tot Ion:	53	Resp:	37214
Ion	Ratio	Lower	Upper
53	100		
52	83.2	66.3	99.5
51	36.5	28.5	42.7

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#16

Acetone

Concen: 32.822 ug/l

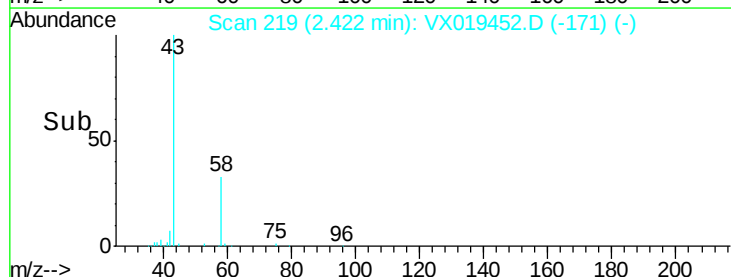
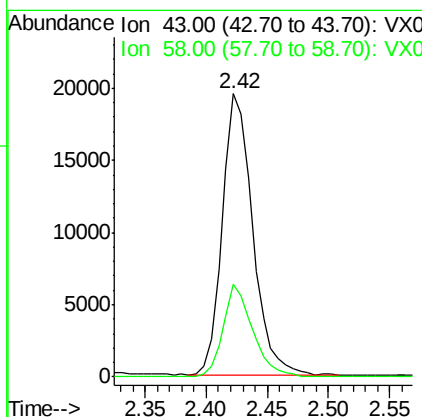
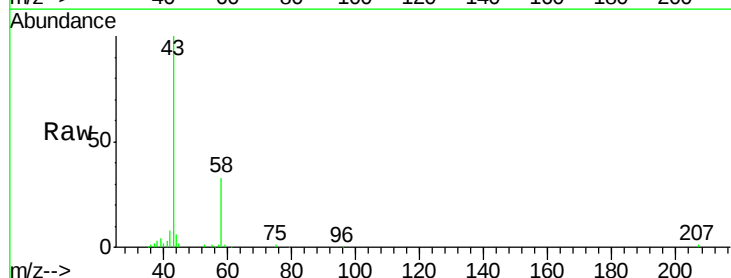
RT: 2.42 min Scan# 219

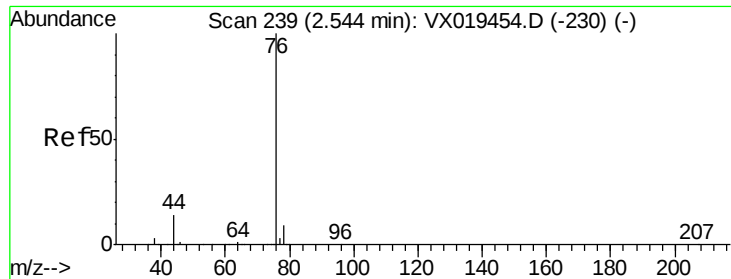
Delta R.T. -0.01 min

Lab File: VX019452.D

Acq: 18 Nov 2020 13:52

Tgt Ion:	43	Resp:	33691
Ion	Ratio	Lower	Upper
43	100		
58	32.8	25.4	38.0





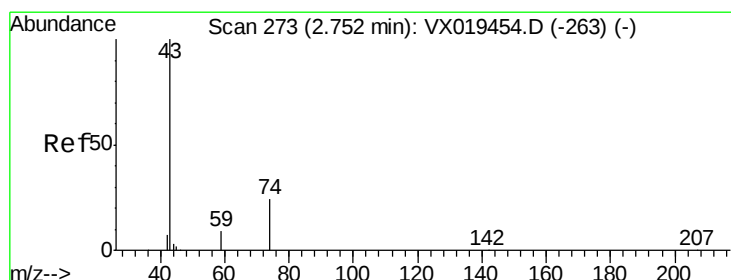
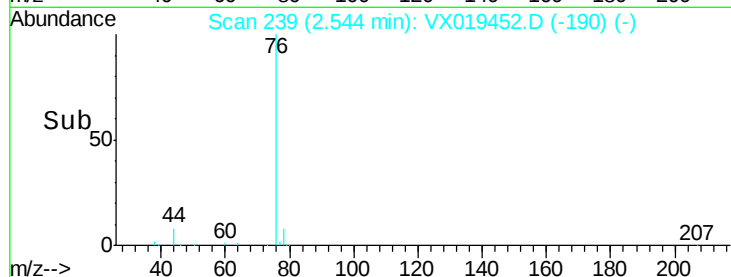
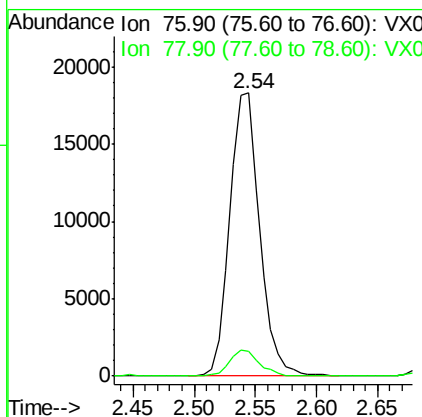
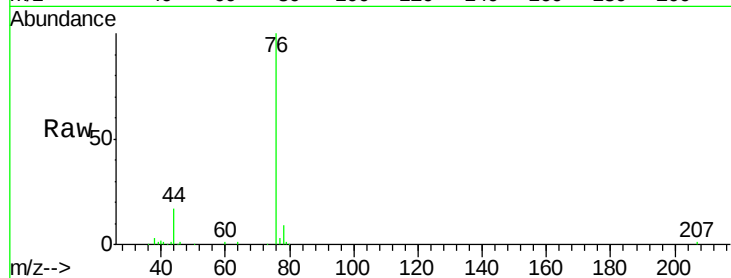
#17
Carbon Disulfide
Concen: 4.742 ug/l
RT: 2.54 min Scan# 239
Delta R.T. 0.00 min
Lab File: VX019452.D
Acq: 18 Nov 2020 13:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.9	7.4	11.2

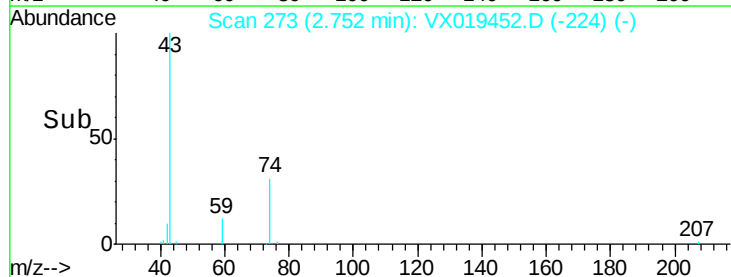
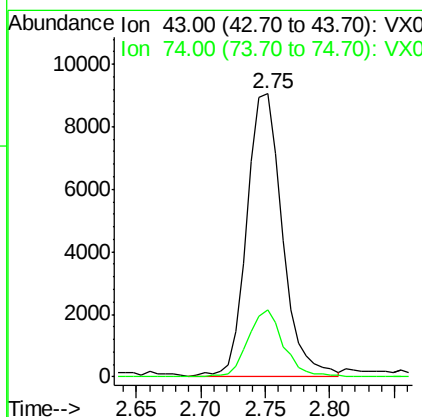
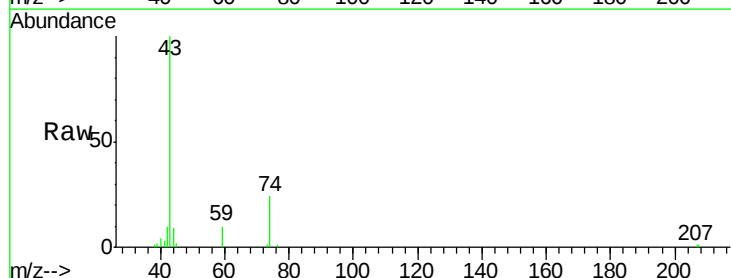
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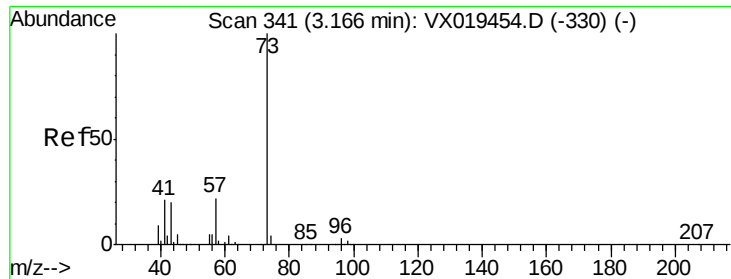
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#18
Methyl Acetate
Concen: 6.941 ug/l
RT: 2.75 min Scan# 273
Delta R.T. 0.00 min
Lab File: VX019452.D
Acq: 18 Nov 2020 13:52

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.7	19.9	29.9





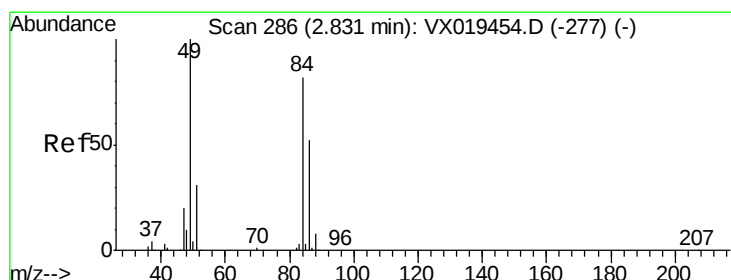
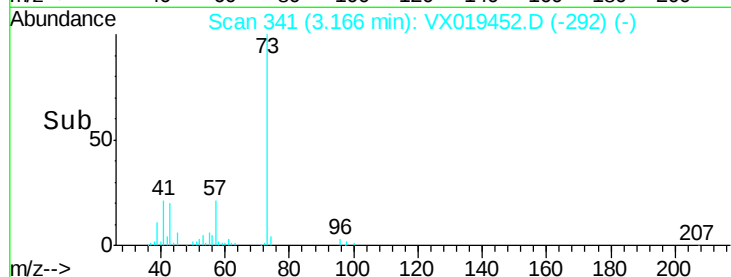
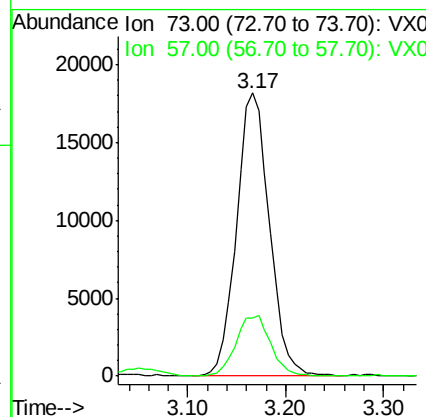
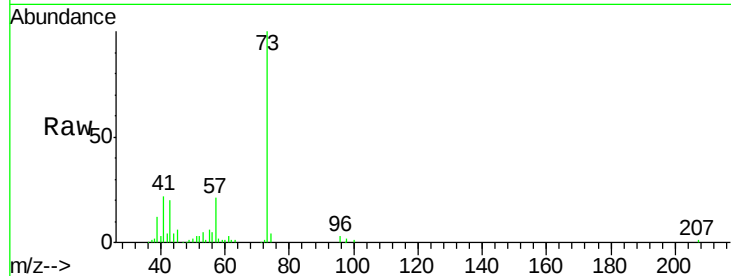
#19
Methvl tert-butvl Ether
Concen: 5.651 ug/l
RT: 3.17 min Scan# 341
Delta R.T. 0.00 min
Lab File: VX019452.D
Acq: 18 Nov 2020 13:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ion	Ratio	Lower	Upper
73	73	100		
57	57	20.6	17.5	26.3

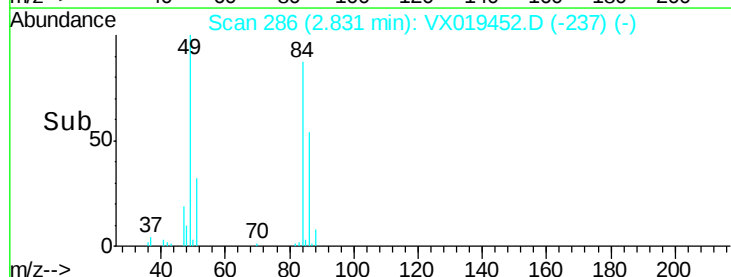
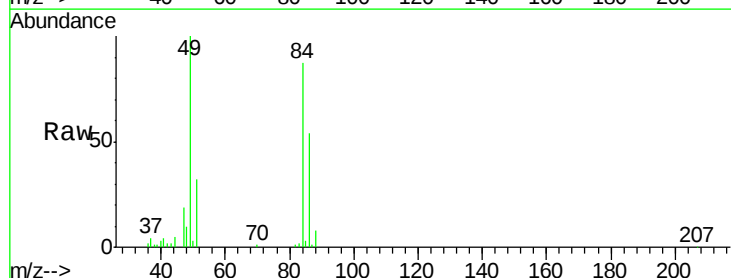
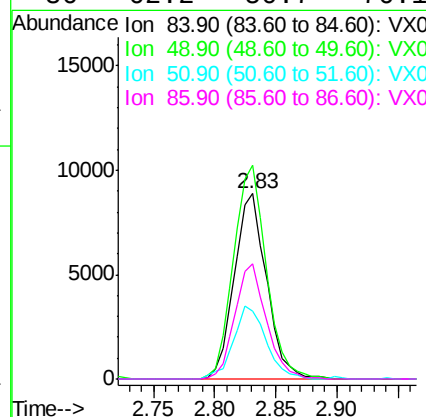
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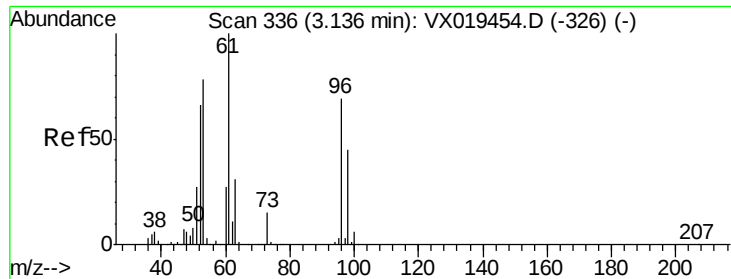
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#20
Methylene Chloride
Concen: 6.481 ug/l
RT: 2.83 min Scan# 286
Delta R.T. 0.00 min
Lab File: VX019452.D
Acq: 18 Nov 2020 13:52

Tgt Ion	Ion	Ratio	Lower	Upper
84	84	100		
49	49	115.1	97.6	146.4
51	51	36.3	30.6	45.8
86	86	62.2	50.7	76.1





#21

trans-1,2-Dichloroethene

Concen: 5.461 ug/l

RT: 3.14 min Scan# 336

Delta R.T. 0.00 min

Lab File: VX019452.D

Acq: 18 Nov 2020 13:52

Instrument :

MSVOA_X

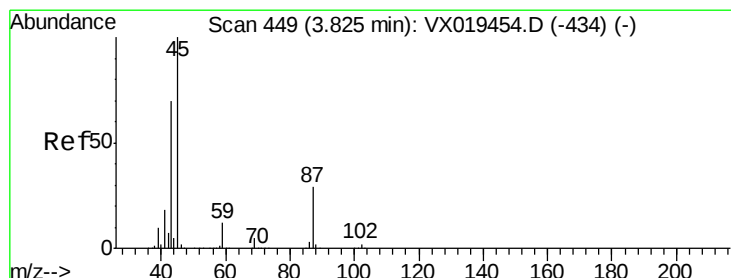
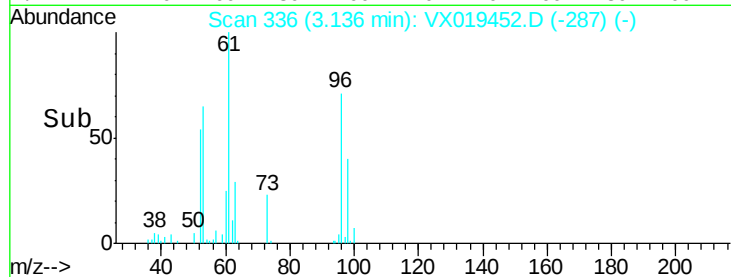
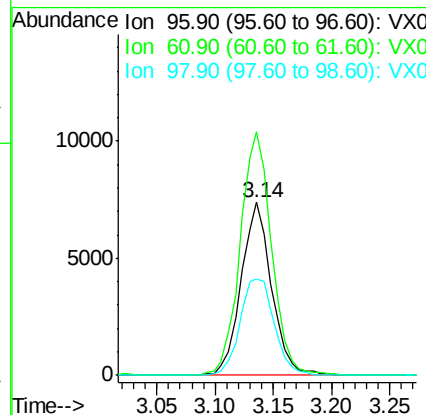
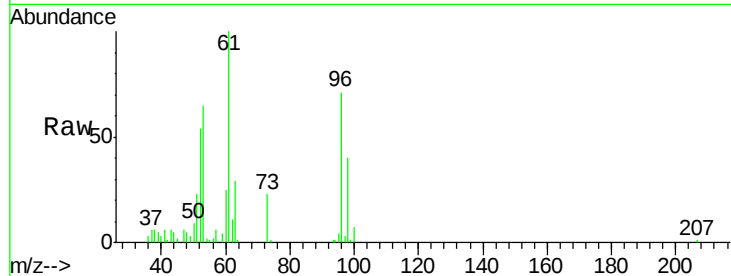
ClientSampleId :

VSTDIC005

Tot Ion:	96	Resp:	13470
Ion	Ratio	Lower	Upper
96	100		
61	140.8	116.0	174.0
98	55.9	51.8	77.6

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#22

Diisopropyl ether

Concen: 6.194 ug/l

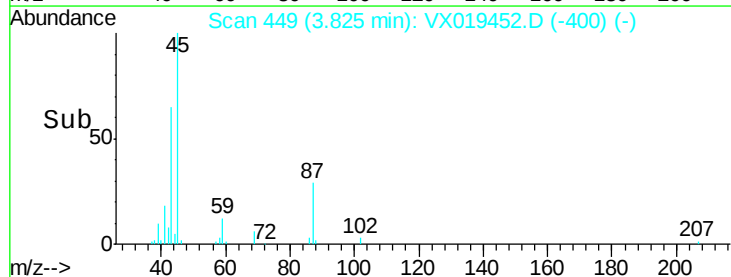
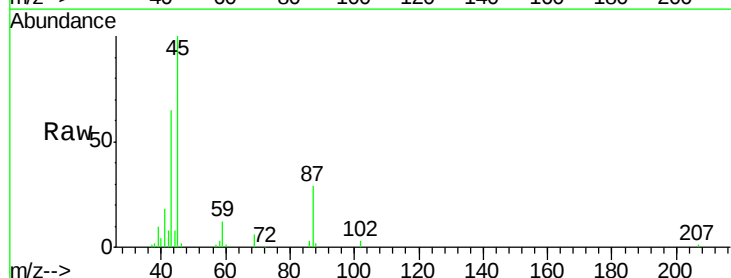
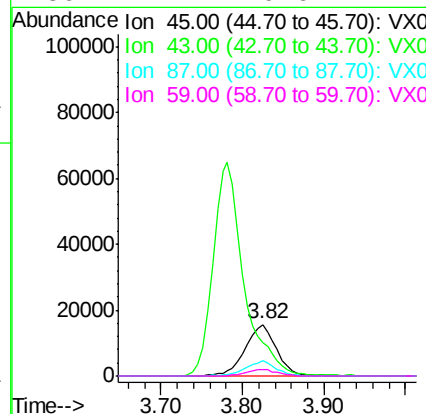
RT: 3.82 min Scan# 449

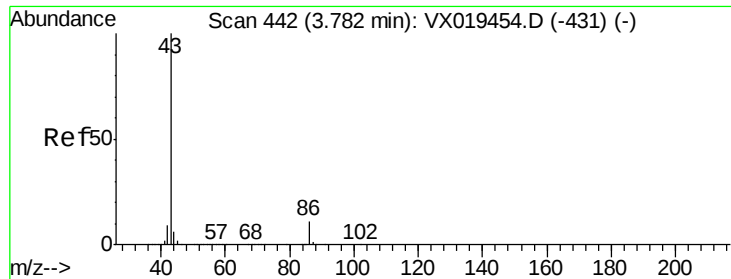
Delta R.T. 0.00 min

Lab File: VX019452.D

Acq: 18 Nov 2020 13:52

Tgt Ion:	45	Resp:	41618
Ion	Ratio	Lower	Upper
45	100		
43	64.2	56.6	84.8
87	28.8	22.9	34.3
59	12.1	9.6	14.4





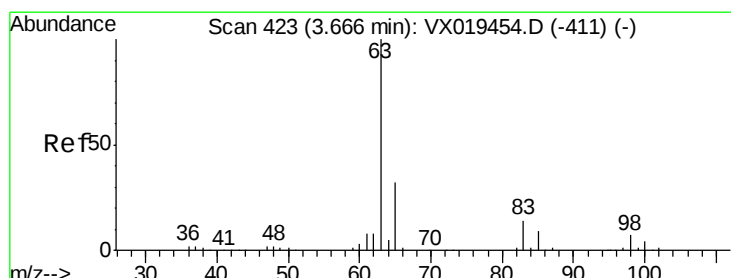
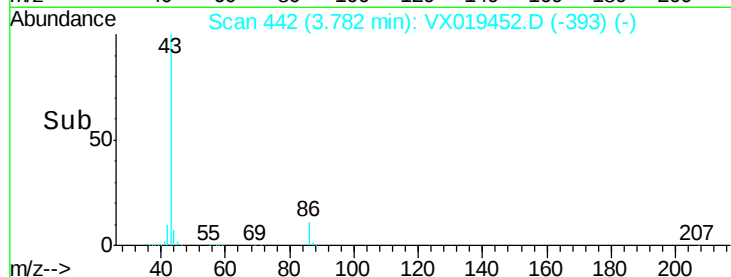
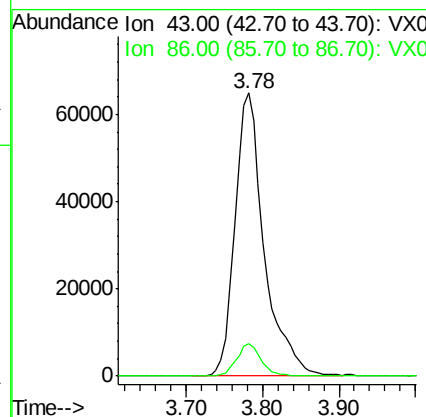
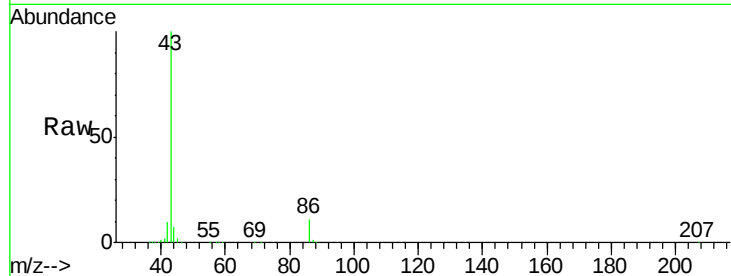
#23
 Vinyl Acetate
 Concen: 28.769 ug/l
 RT: 3.78 min Scan# 442
 Delta R.T. 0.00 min
 Lab File: VX019452.D
 Acq: 18 Nov 2020 13:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
43	100		
86	11.4	8.8	13.2

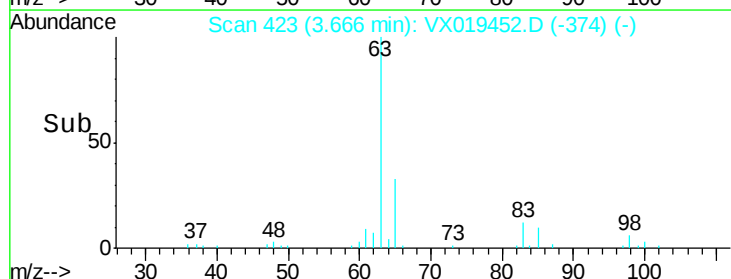
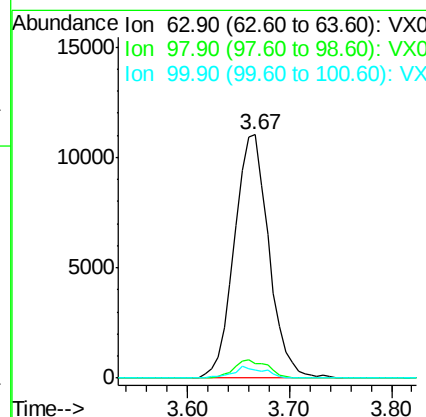
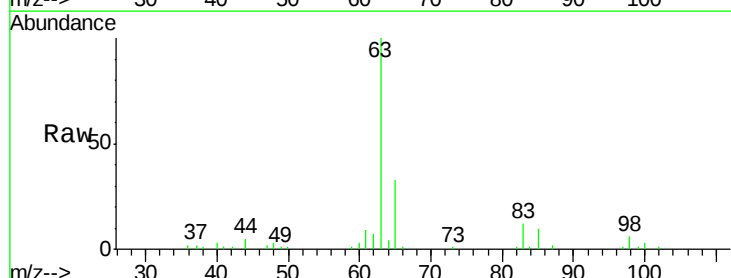
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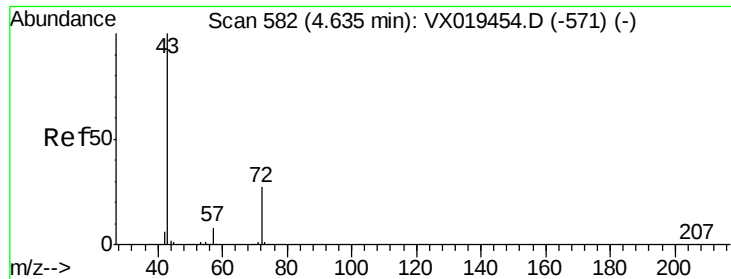
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#24
 1,1-Dichloroethane
 Concen: 6.252 ug/l
 RT: 3.67 min Scan# 423
 Delta R.T. 0.00 min
 Lab File: VX019452.D
 Acq: 18 Nov 2020 13:52

Tgt Ion	Ratio	Lower	Upper
63	100		
98	6.2	3.4	10.2
100	3.3	2.2	6.6





#25

2-Butanone

Concen: 30.489 ug/l

RT: 4.64 min Scan# 582

Delta R.T. 0.00 min

Lab File: VX019452.D

Acq: 18 Nov 2020 13:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 43 Resp: 49166

Ion Ratio Lower Upper

43 100

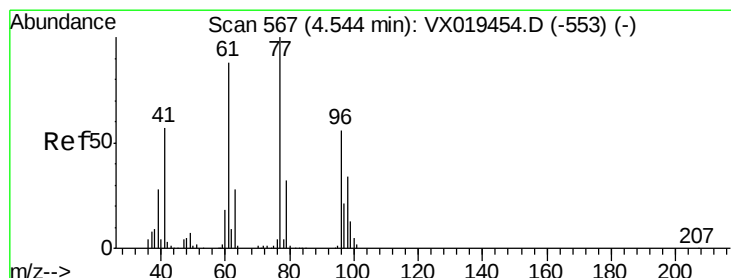
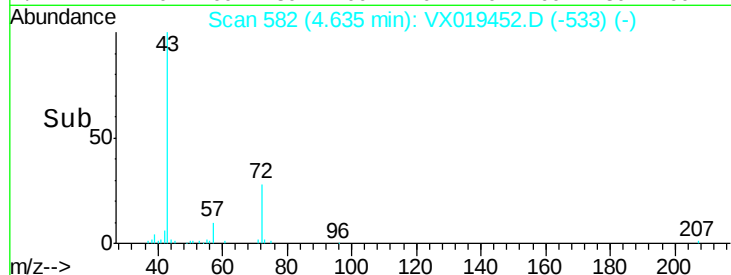
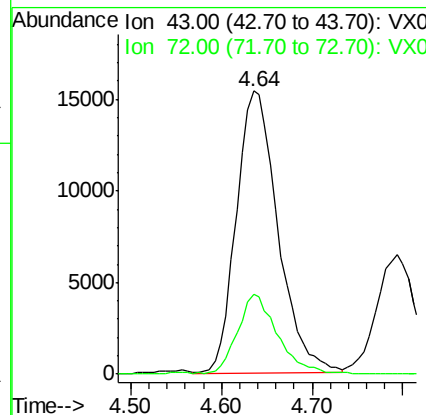
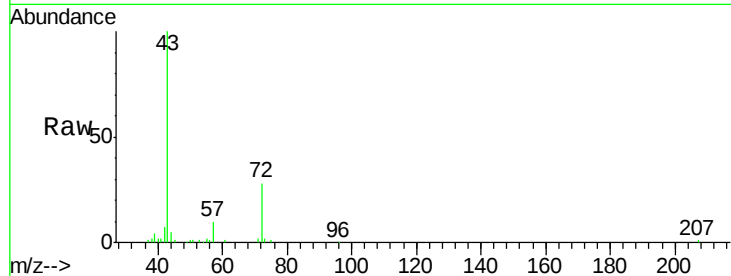
72 28.1 21.4 32.0

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 5.587 ug/l

RT: 4.54 min Scan# 567

Delta R.T. 0.00 min

Lab File: VX019452.D

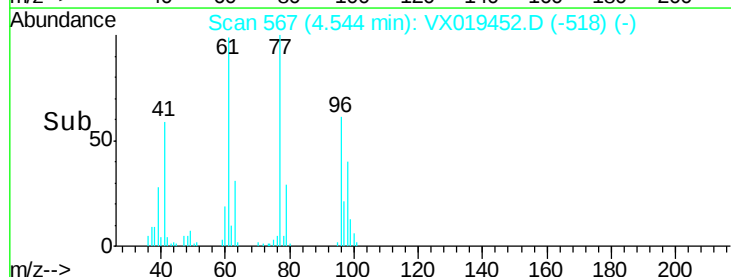
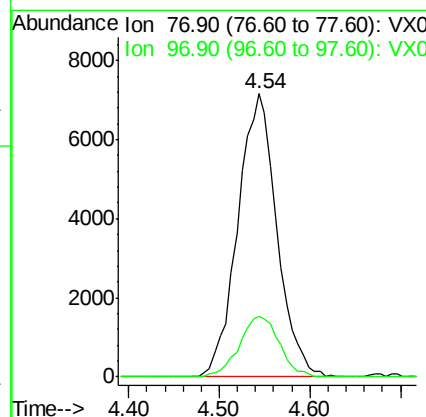
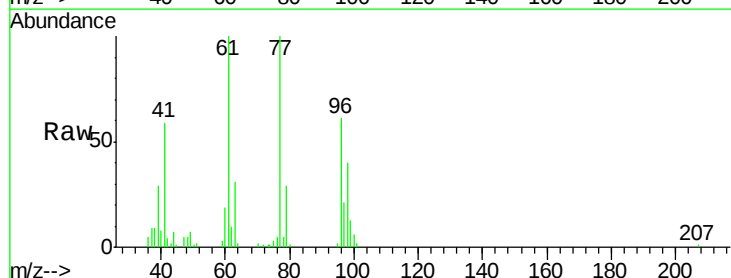
Acq: 18 Nov 2020 13:52

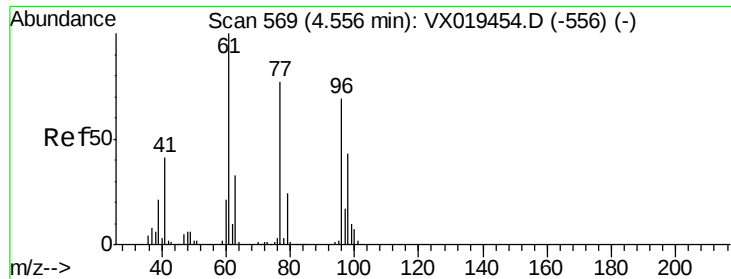
Tgt Ion: 77 Resp: 21355

Ion Ratio Lower Upper

77 100

97 21.7 10.9 32.9





#27

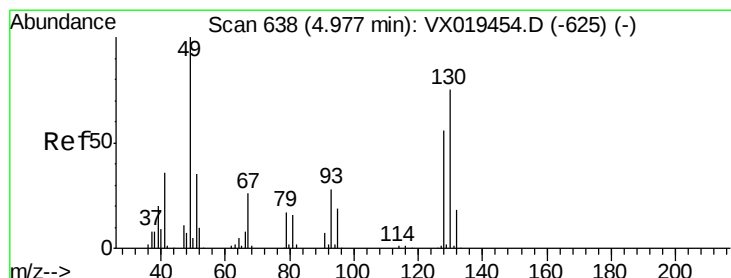
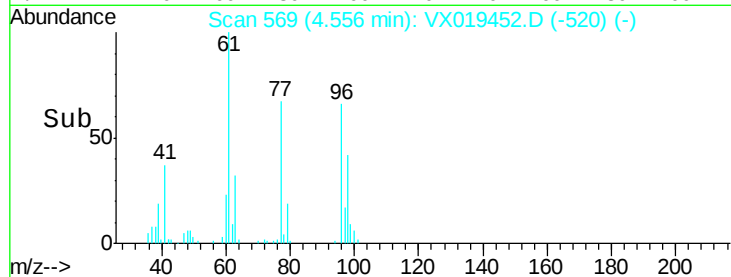
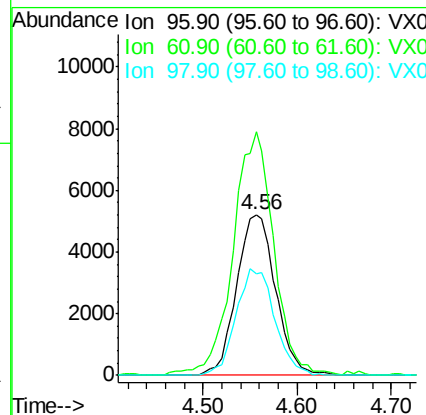
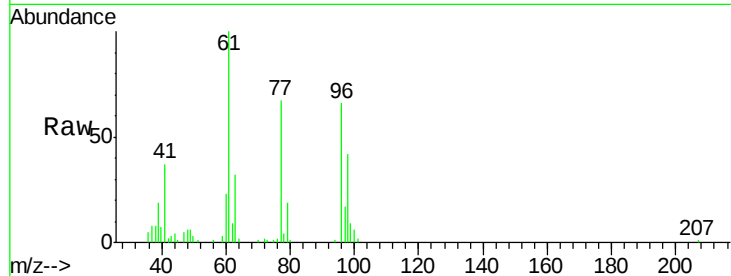
cis-1,2-Dichloroethene
 Concen: 5.454 ug/l
 RT: 4.56 min Scan# 569
 Delta R.T. 0.00 min
 Lab File: VX019452.D
 Acq: 18 Nov 2020 13:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
96	100		
61	158.2	0.0	307.8
98	65.8	0.0	128.6

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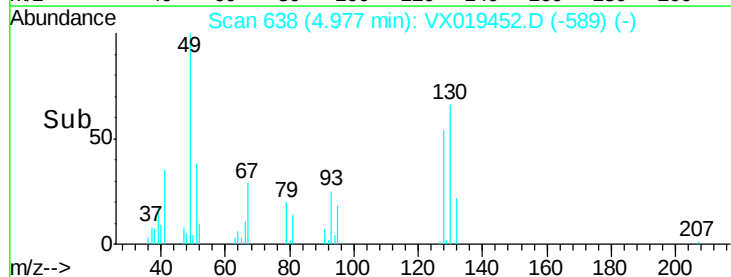
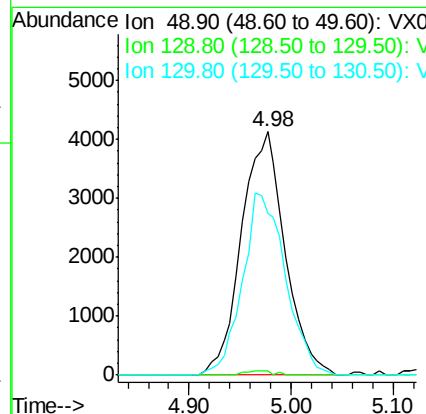
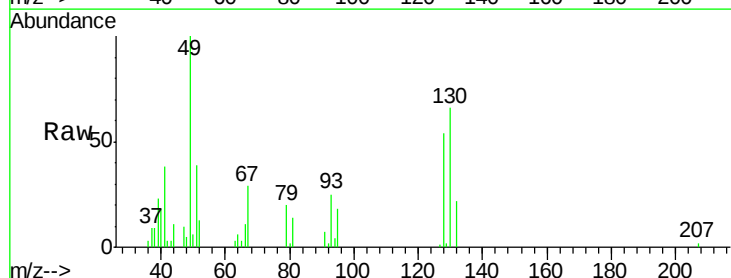
MMDadoda
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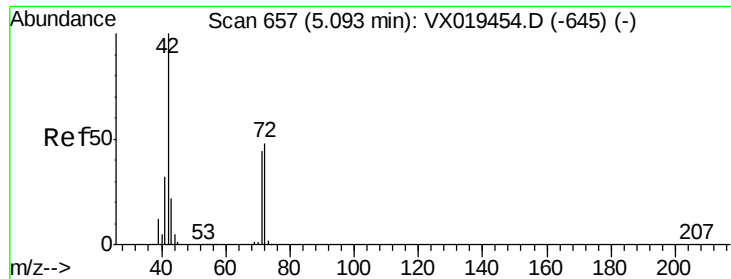


#28

Bromochloromethane
 Concen: 6.426 ug/l
 RT: 4.98 min Scan# 638
 Delta R.T. 0.00 min
 Lab File: VX019452.D
 Acq: 18 Nov 2020 13:52

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.2	0.0	3.8
130	74.0	59.2	88.8





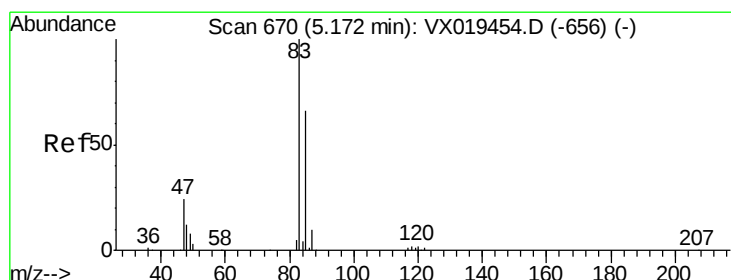
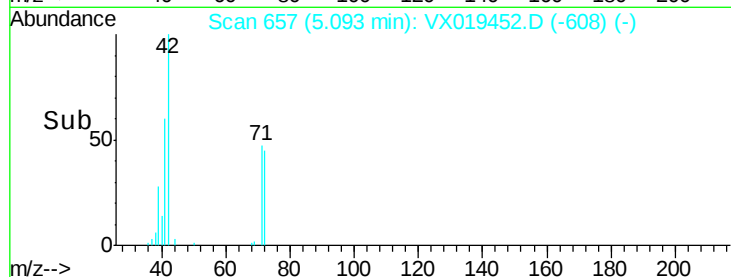
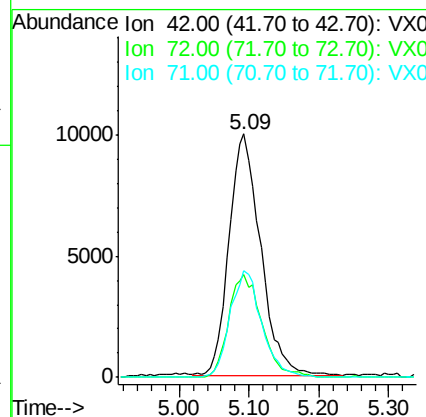
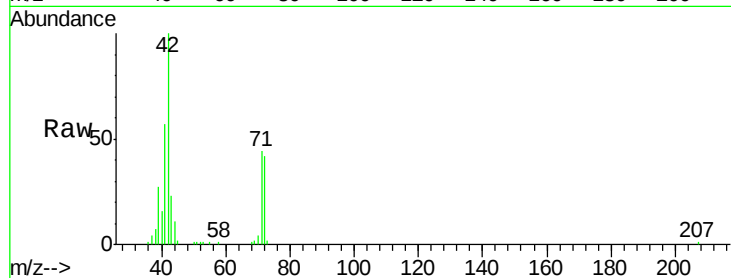
#29
Tetrahydrofuran
Concen: 30.816 ug/l
RT: 5.09 min Scan# 657
Delta R.T. 0.00 min
Lab File: VX019452.D
Acq: 18 Nov 2020 13:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.7	38.1	57.1
71	44.1	34.6	51.8

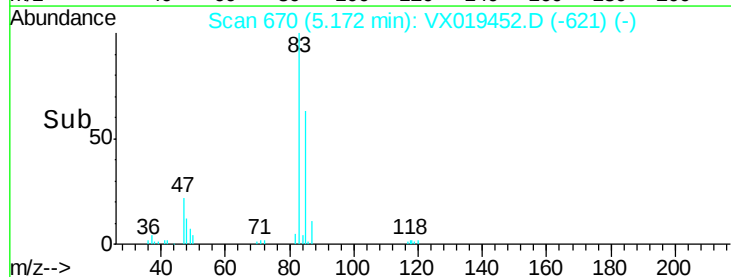
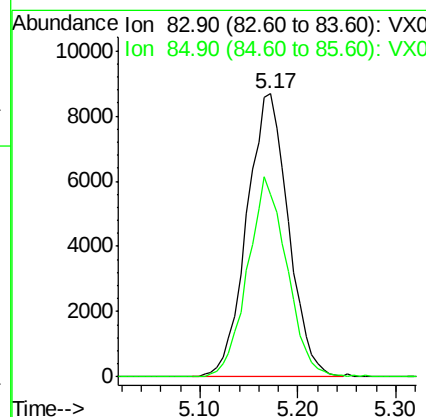
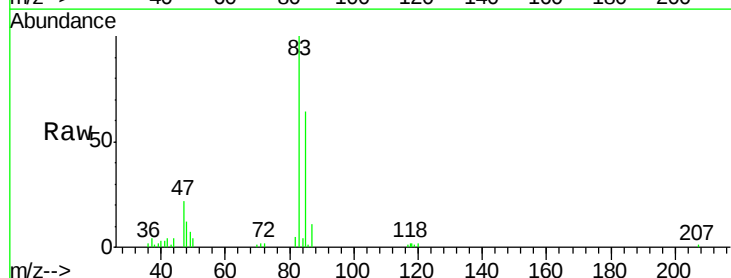
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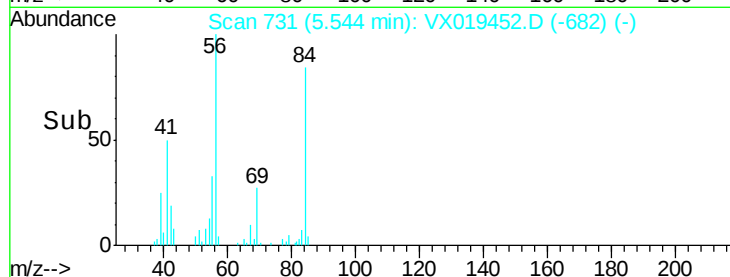
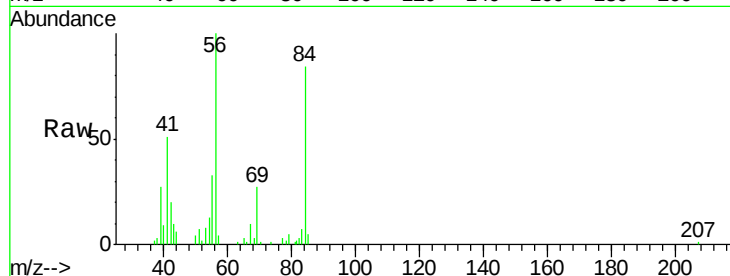
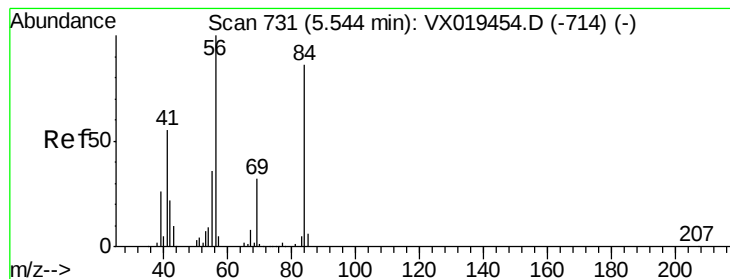
MMDadoda
11/19/2020 11:57:59 AM



#30
Chloroform
Concen: 5.899 ug/l
RT: 5.17 min Scan# 670
Delta R.T. 0.00 min
Lab File: VX019452.D
Acq: 18 Nov 2020 13:52

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.5	52.4	78.6





#31

Cyclohexane

Concen: 5.647 ug/l

RT: 5.54 min Scan# 731

Delta R.T. 0.00 min

Lab File: VX019452.D

Acq: 18 Nov 2020 13:52

Tot Ion:	56	Resp:	20854
Ion Ratio	Lower	Upper	
56	100		
69	26.7	25.2	37.8
84	82.3	68.5	102.7

Instrument :

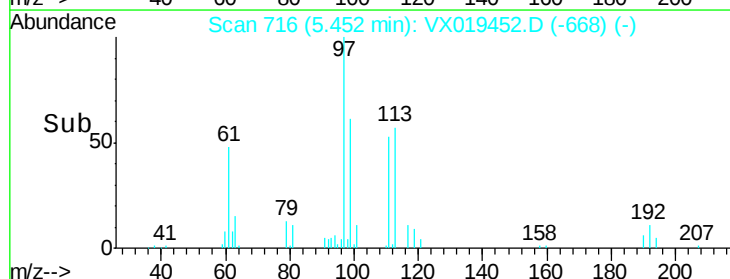
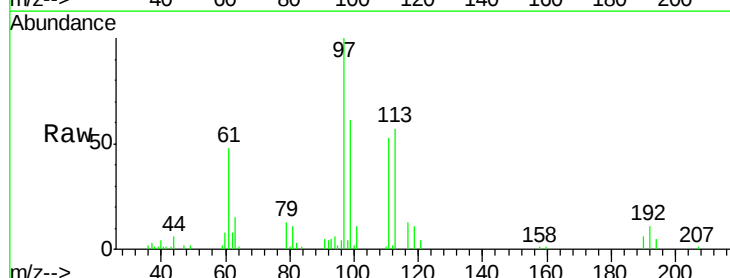
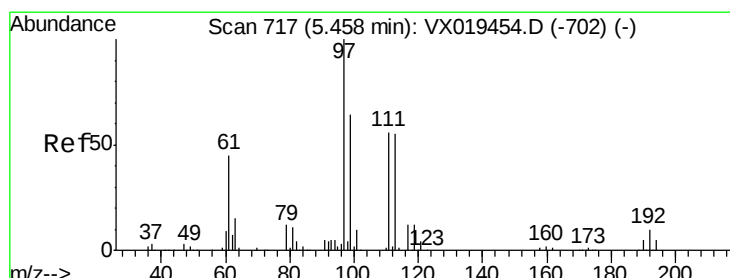
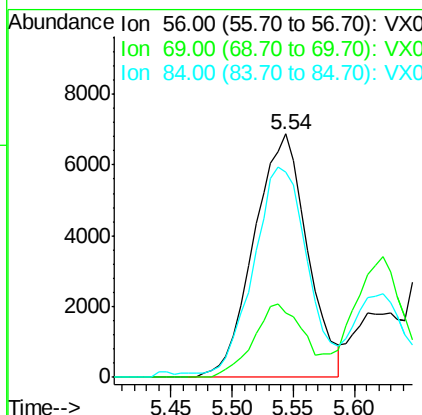
MSVOA_X

ClientSampleId :

VSTDIC005

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 5.674 ug/l

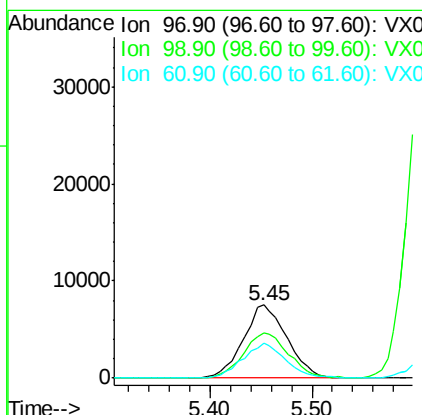
RT: 5.45 min Scan# 716

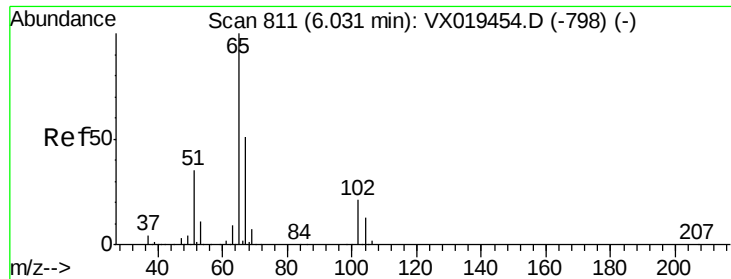
Delta R.T. -0.01 min

Lab File: VX019452.D

Acq: 18 Nov 2020 13:52

Tgt Ion:	97	Resp:	22246
Ion Ratio	Lower	Upper	
97	100		
99	64.2	51.9	77.9
61	46.6	36.2	54.2





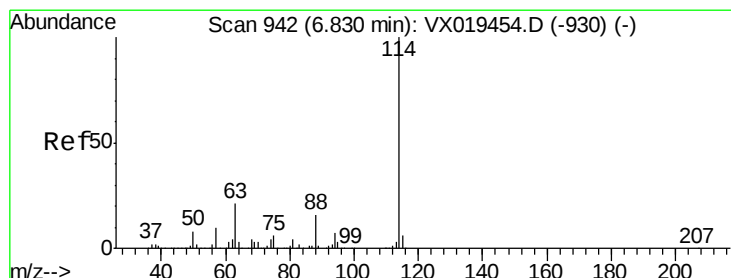
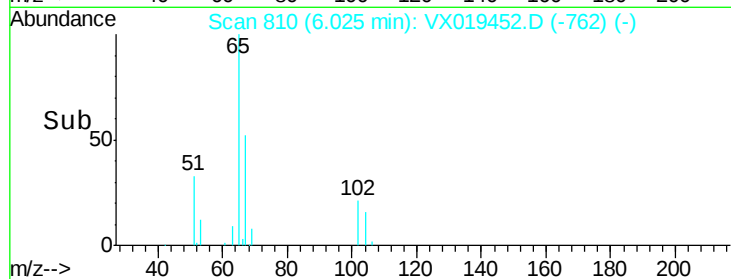
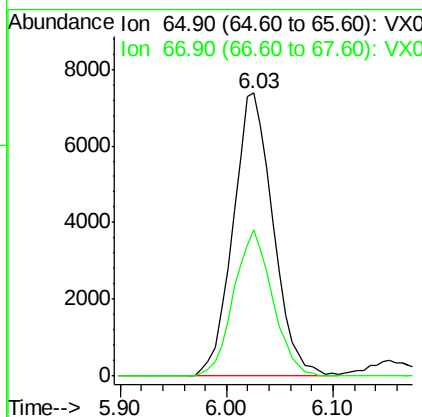
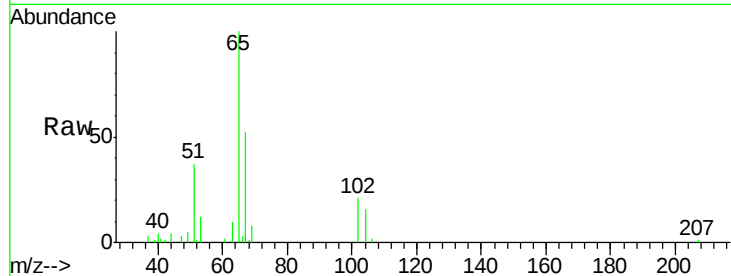
#33
 1,2-Dichloroethane-d4
 Concen: 6.655 ug/l
 RT: 6.03 min Scan# 810
 Delta R.T. -0.01 min
 Lab File: VX019452.D
 Acq: 18 Nov 2020 13:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Resp	Lower	Upper
65	100	19471		
67	49.9	0.0	102.4	

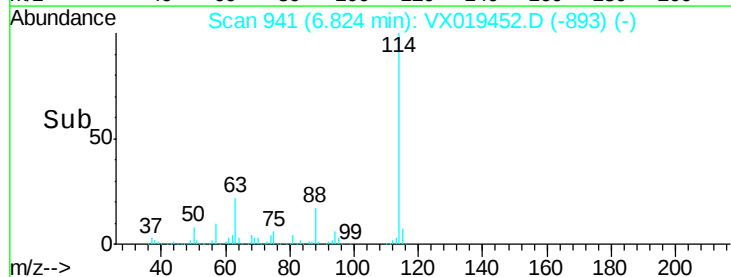
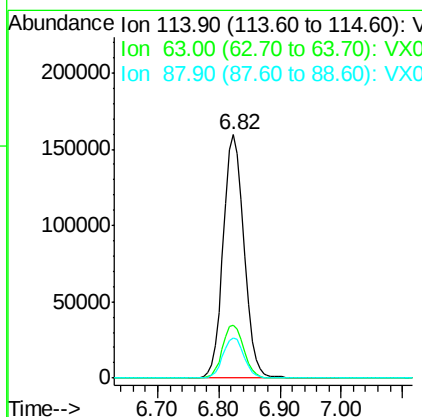
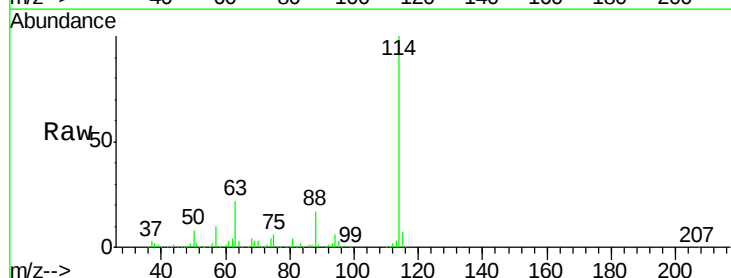
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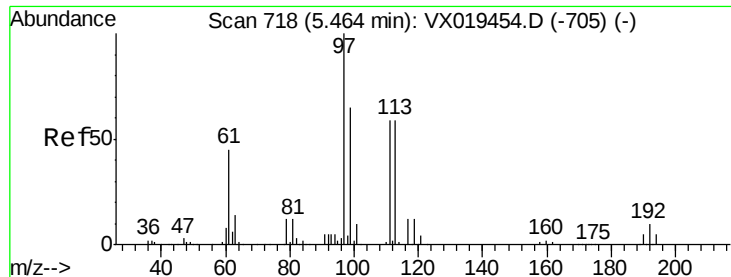
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.82 min Scan# 941
 Delta R.T. -0.01 min
 Lab File: VX019452.D
 Acq: 18 Nov 2020 13:52

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	375783		
63	21.8	0.0	42.0	
88	16.6	0.0	32.0	





#35

Dibromofluoromethane

Concen: 5.370 ug/l

RT: 5.46 min Scan# 717

Delta R.T. -0.01 min

Lab File: VX019452.D

Acq: 18 Nov 2020 13:52

Instrument :

MSVOA_X

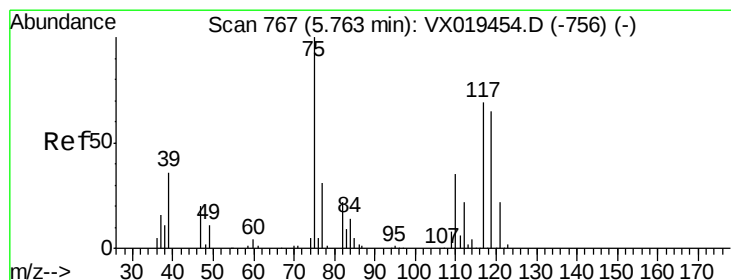
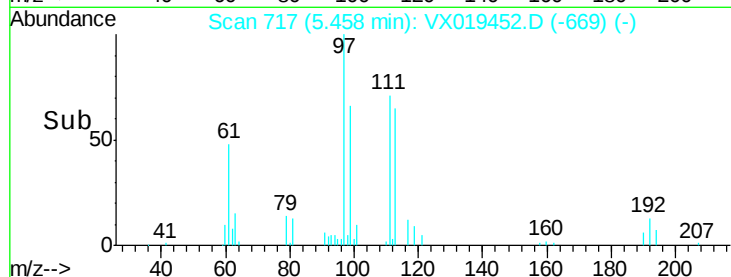
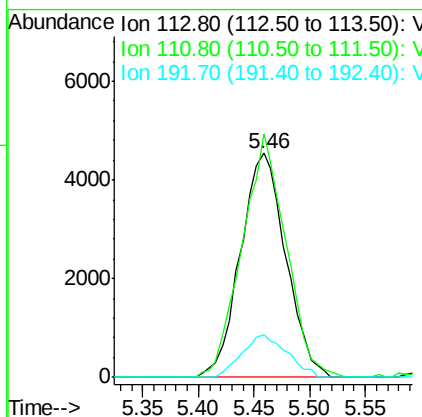
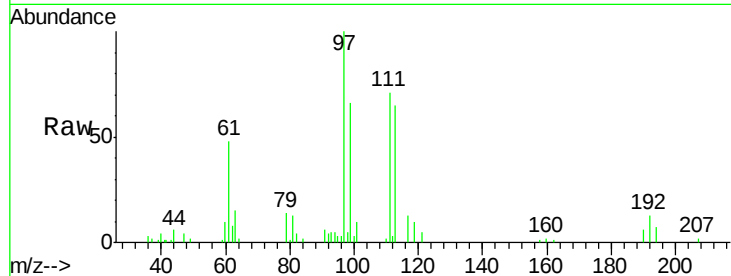
ClientSampleId :

VSTDIC005

Tot Ion:	113	Resp:	12877
Ion	Ratio	Lower	Upper
113	100		
111	104.9	82.2	123.4
192	18.7	14.2	21.4

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#36

1,1-Dichloropropene

Concen: 5.304 ug/l

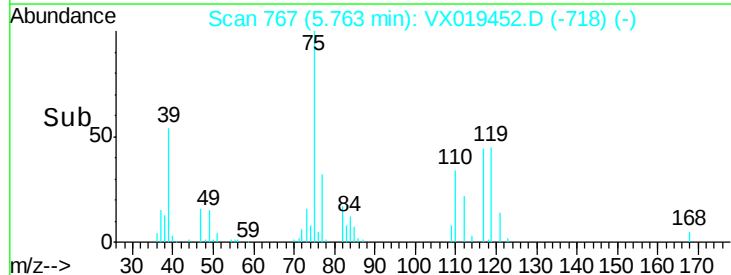
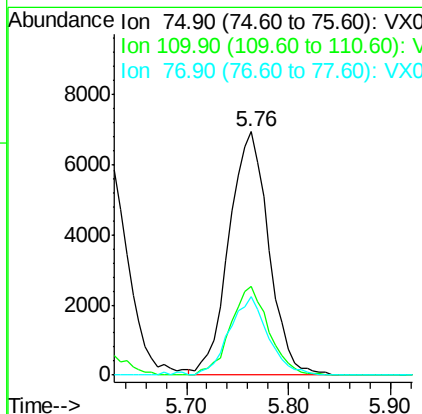
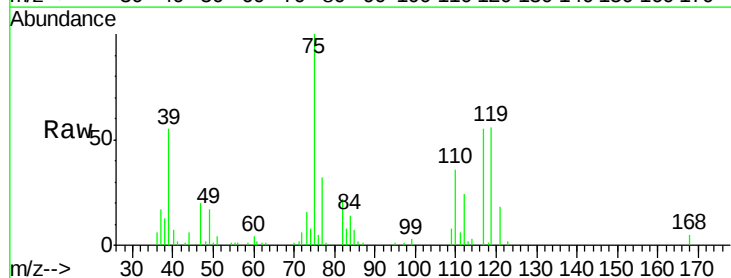
RT: 5.76 min Scan# 767

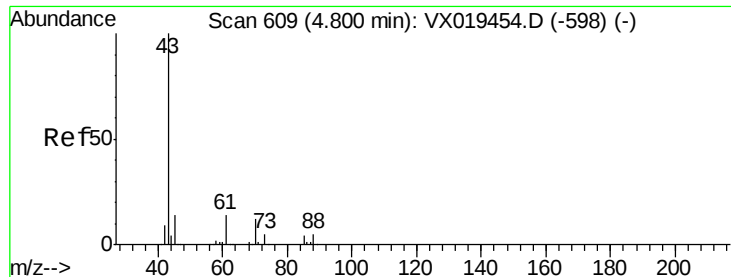
Delta R.T. 0.00 min

Lab File: VX019452.D

Acq: 18 Nov 2020 13:52

Tgt Ion:	75	Resp:	18754
Ion	Ratio	Lower	Upper
75	100		
110	35.0	17.0	50.9
77	31.3	24.7	37.1





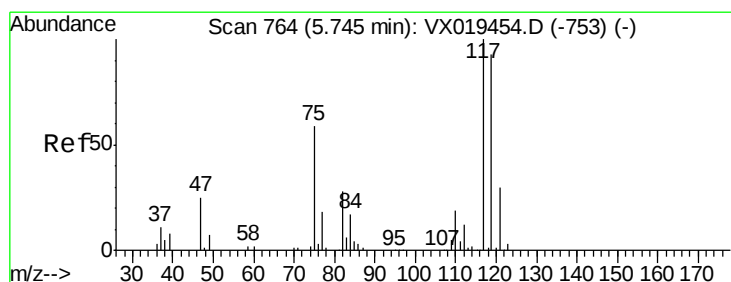
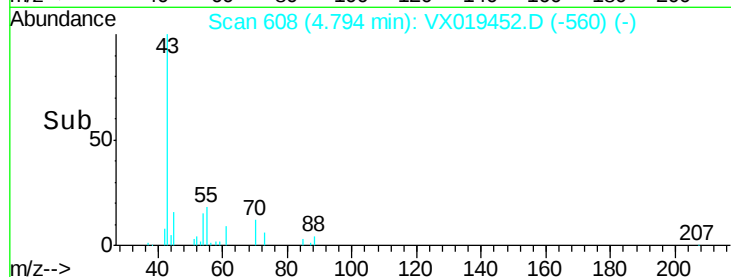
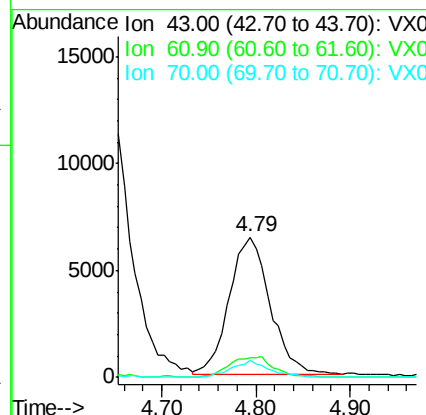
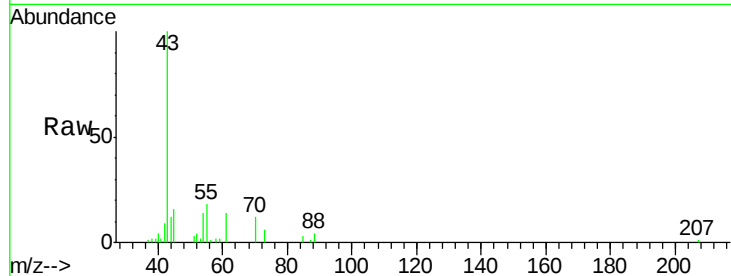
#37
Ethyl Acetate
Concen: 5.807 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.01 min
Lab File: VX019452.D
Acq: 18 Nov 2020 13:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
43	100		
61	16.2	11.6	17.4
70	11.2	9.2	13.8

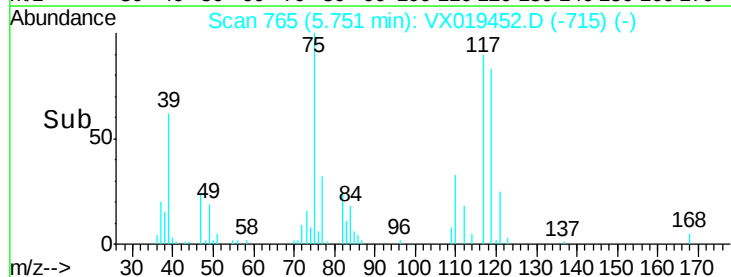
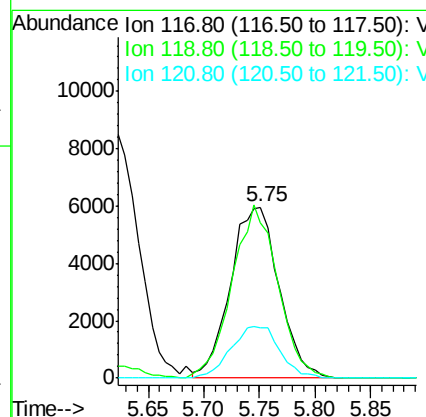
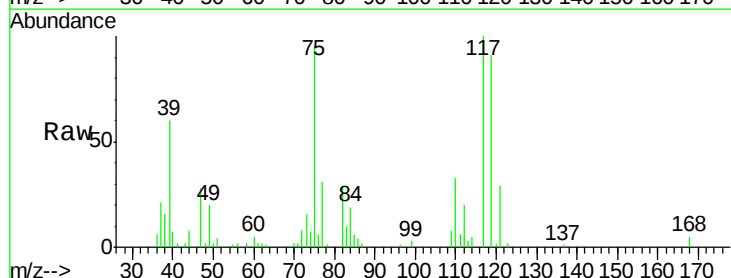
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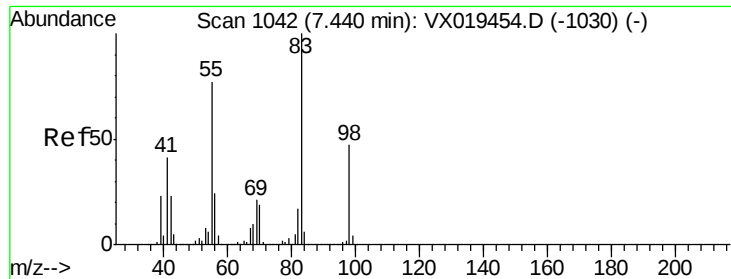
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#38
Carbon Tetrachloride
Concen: 5.040 ug/l
RT: 5.75 min Scan# 765
Delta R.T. 0.01 min
Lab File: VX019452.D
Acq: 18 Nov 2020 13:52

Tgt Ion	Ratio	Lower	Upper
117	100		
119	91.1	74.1	111.1
121	29.3	23.6	35.4





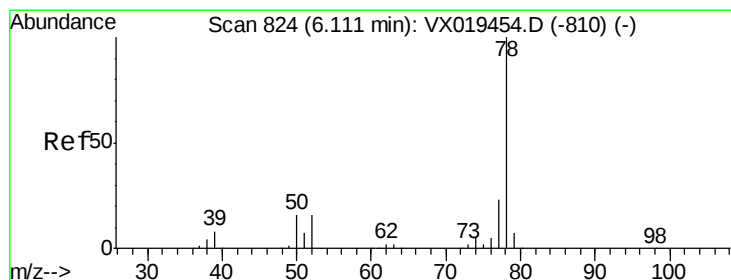
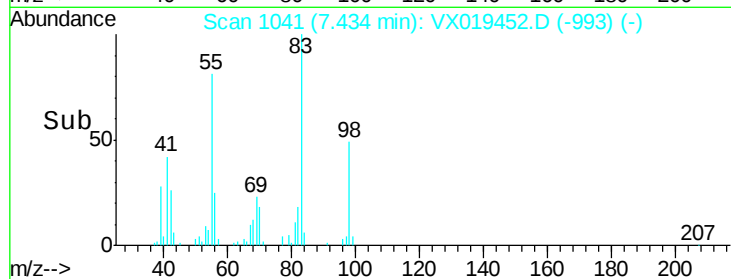
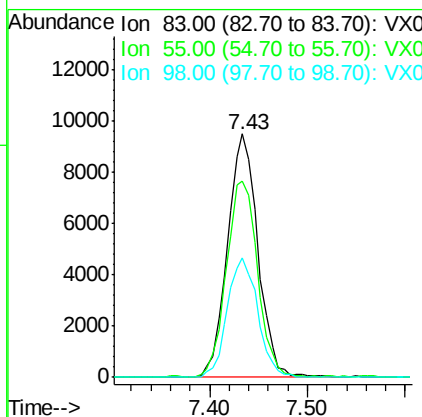
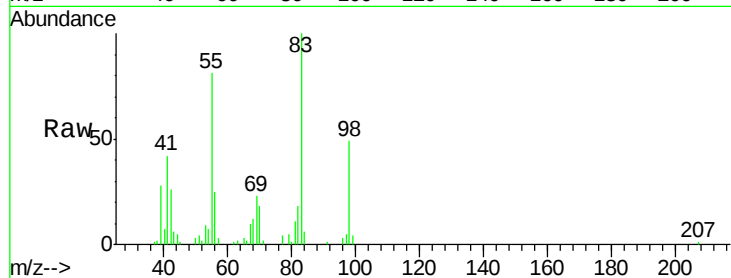
#39
Methvlcvclohexane
Concen: 4.880 ug/l
RT: 7.43 min Scan# 1041
Delta R.T. -0.01 min
Lab File: VX019452.D
Acq: 18 Nov 2020 13:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
83	100		
55	80.7	61.4	92.0
98	49.1	37.6	56.4

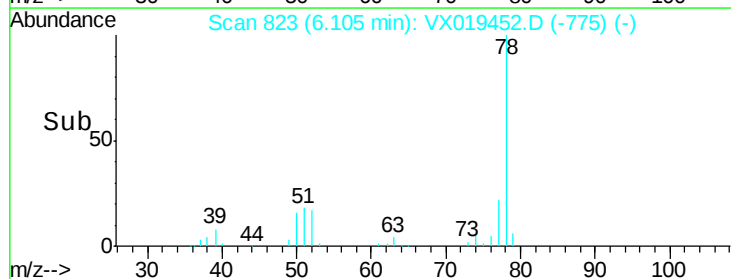
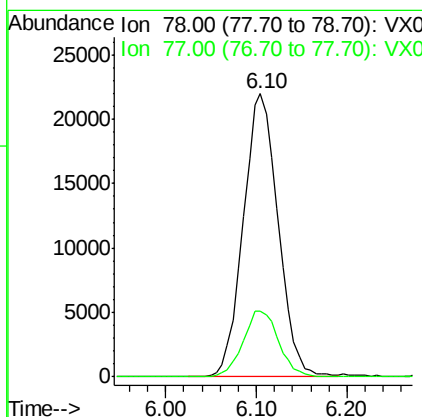
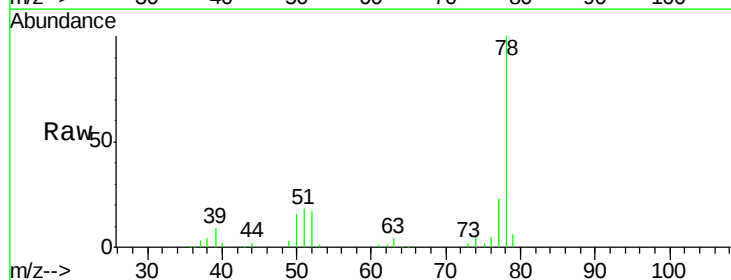
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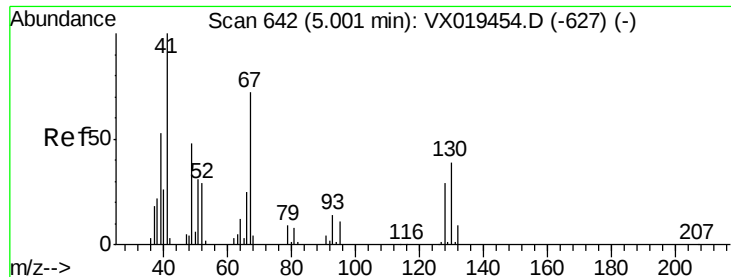
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#40
Benzene
Concen: 5.792 ug/l
RT: 6.10 min Scan# 823
Delta R.T. -0.01 min
Lab File: VX019452.D
Acq: 18 Nov 2020 13:52

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.1	18.6	28.0





#41

Methacrylonitrile

Concen: 5.658 ug/l

RT: 5.00 min Scan# 642

Delta R.T. 0.00 min

Lab File: VX019452.D

Acq: 18 Nov 2020 13:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 41 Resp: 10222

Ion Ratio Lower Upper

41 100

39 60.9 44.6 67.0

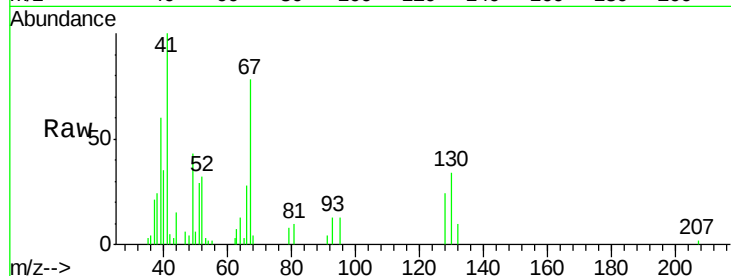
67 77.5 60.6 91.0

52 34.5 25.1 37.7

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MMDadoda

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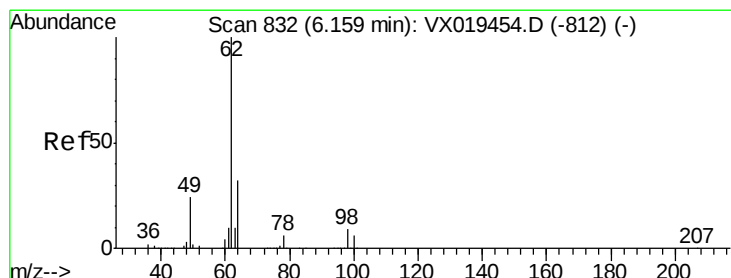
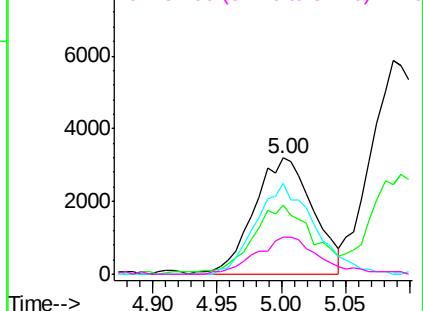
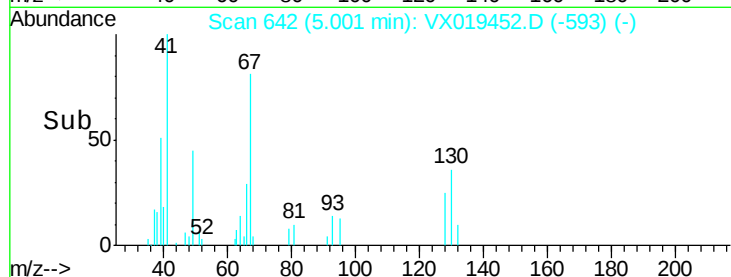


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 6.014 ug/l

RT: 6.15 min Scan# 831

Delta R.T. -0.01 min

Lab File: VX019452.D

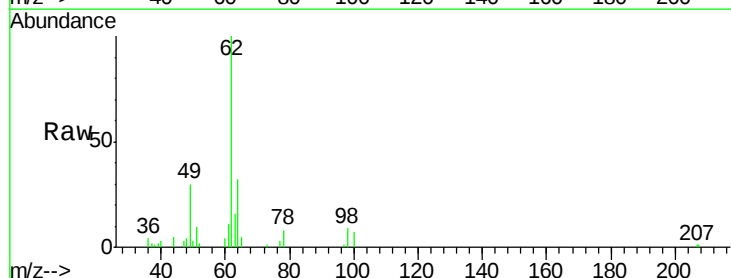
Acq: 18 Nov 2020 13:52

Tgt Ion: 62 Resp: 22520

Ion Ratio Lower Upper

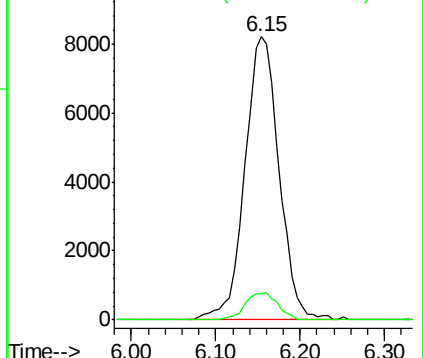
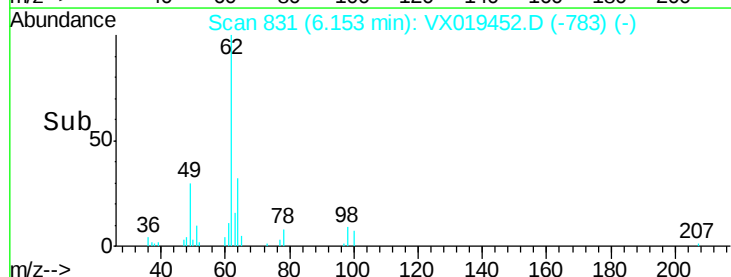
62 100

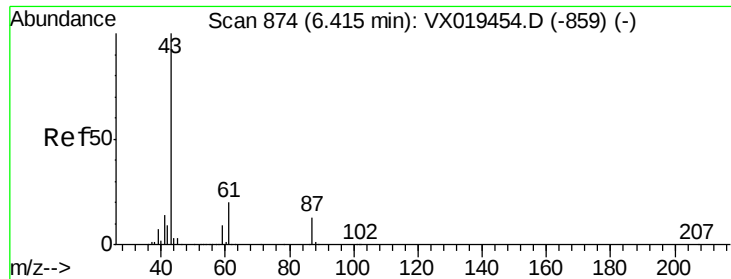
98 9.2 0.0 17.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

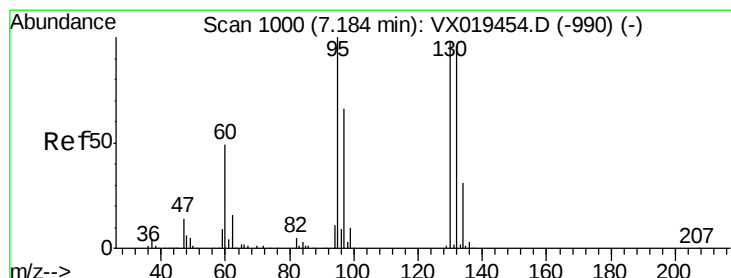
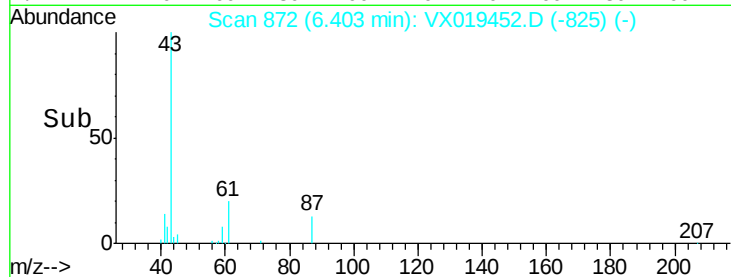
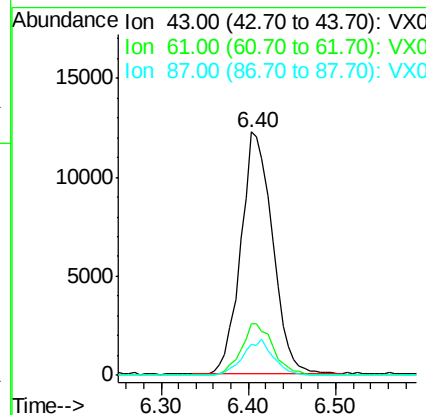
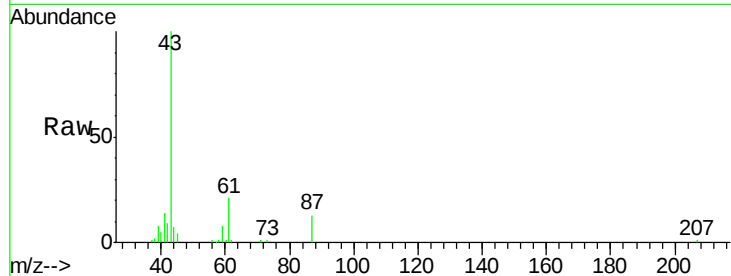
Isopropyl Acetate
 Concen: 5.552 ug/l
 RT: 6.40 min Scan# 872
 Delta R.T. -0.01 min
 Lab File: VX019452.D
 Acq: 18 Nov 2020 13:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
43	100		
61	21.3	16.2	24.4
87	13.8	10.7	16.1

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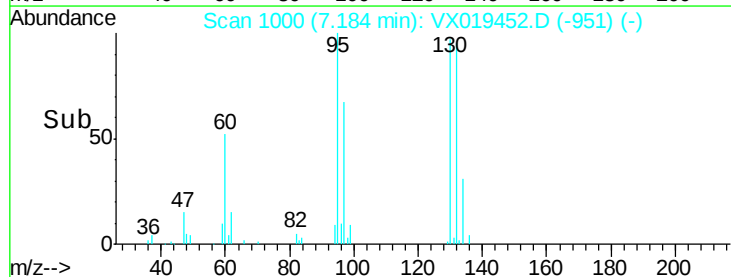
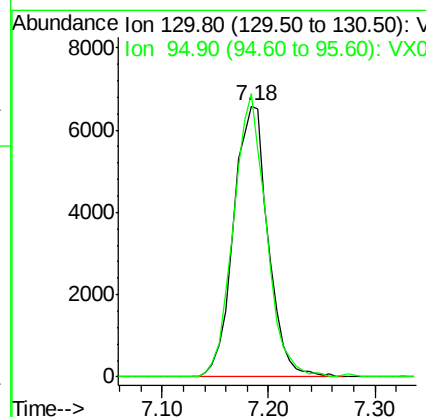
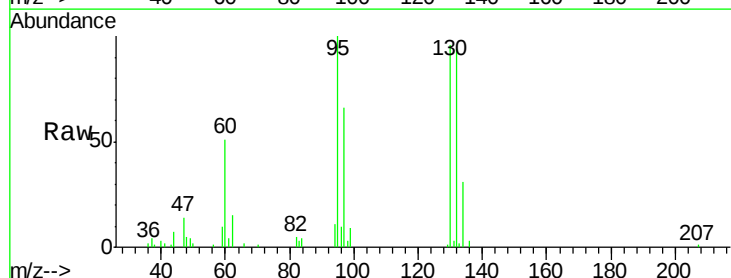
MMDadoda
 11/19/2020 11:57:59 AM

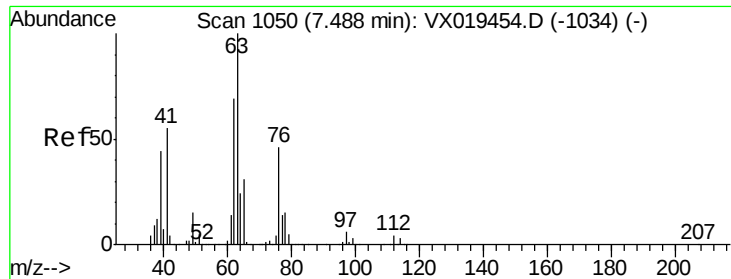


#44

Trichloroethene
 Concen: 5.290 ug/l
 RT: 7.18 min Scan# 1000
 Delta R.T. 0.00 min
 Lab File: VX019452.D
 Acq: 18 Nov 2020 13:52

Tgt Ion	Ratio	Lower	Upper
130	100		
95	104.4	0.0	204.4





#45

1,2-Dichloropropane

Concen: 6.021 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VX019452.D

Acq: 18 Nov 2020 13:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 63 Resp: 15052

Ion Ratio Lower Upper

63 100

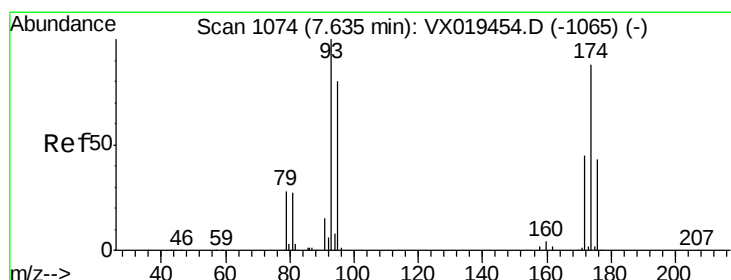
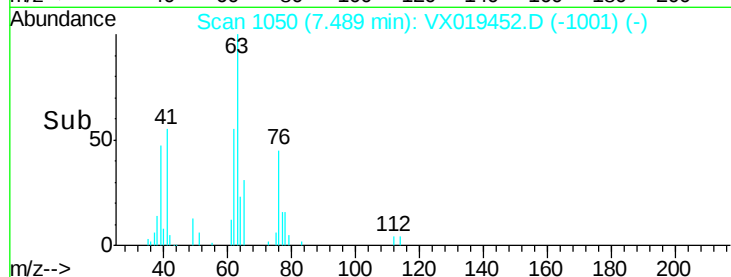
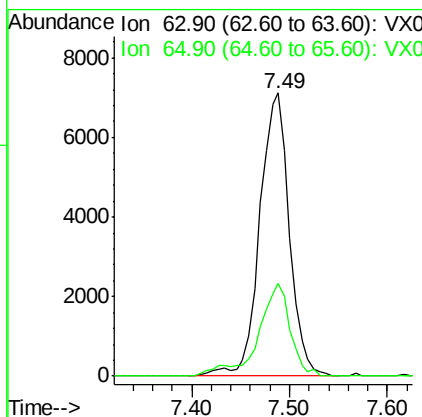
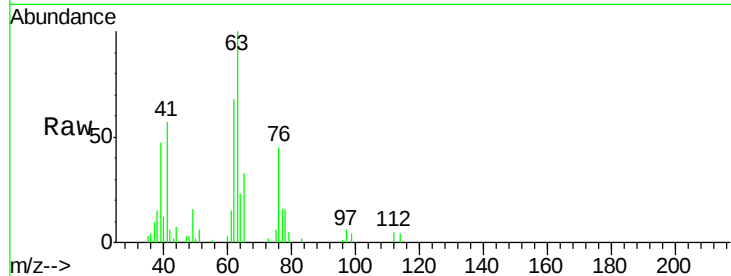
65 32.6 24.6 37.0

Manual Integrations

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#46

Dibromomethane

Concen: 5.358 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. 0.00 min

Lab File: VX019452.D

Acq: 18 Nov 2020 13:52

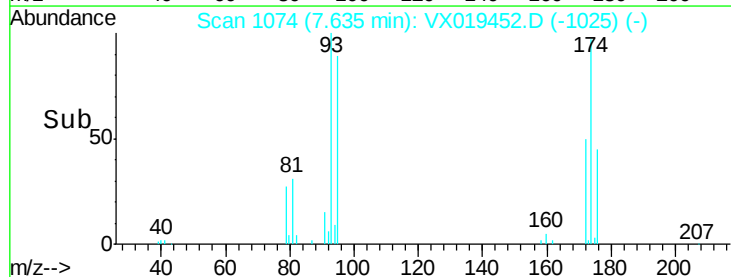
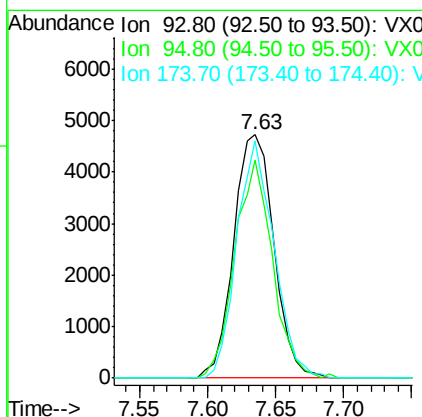
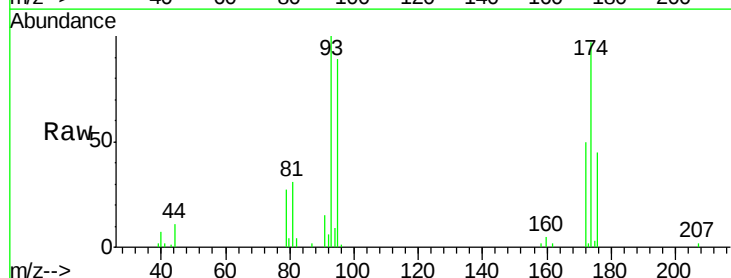
Tgt Ion: 93 Resp: 9748

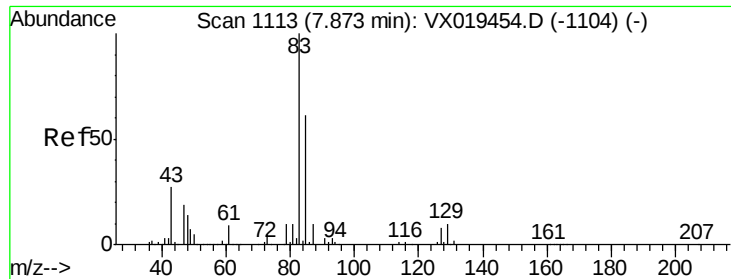
Ion Ratio Lower Upper

93 100

95 84.0 65.4 98.2

174 90.2 72.2 108.4





#47

Bromodichloromethane

Concen: 5.241 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. 0.00 min

Lab File: VX019452.D

Acq: 18 Nov 2020 13:52

Instrument :

MSVOA_X

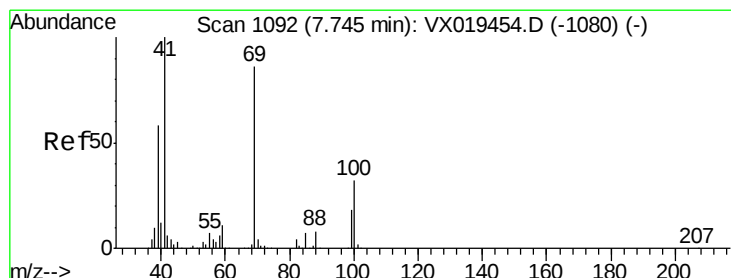
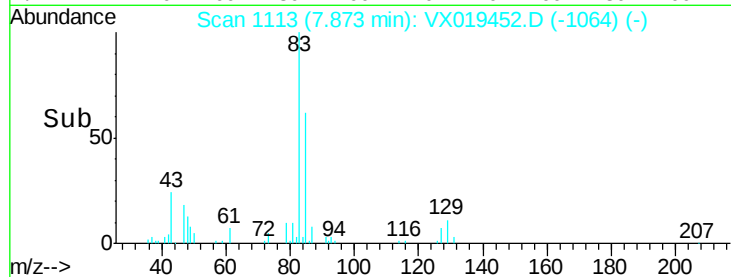
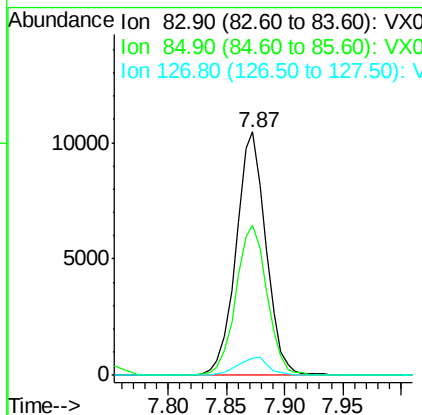
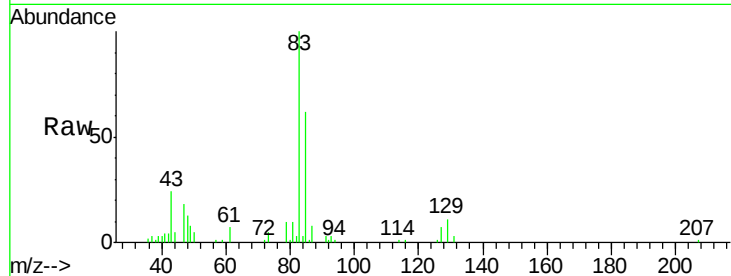
ClientSampleId :

VSTDIC005

Tot Ion:	83	Resp:	18726
Ion	Ratio	Lower	Upper
83	100		
85	61.8	49.0	73.4
127	6.9	6.3	9.5

Manual Integrations
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#48

Methyl methacrylate

Concen: 5.485 ug/l

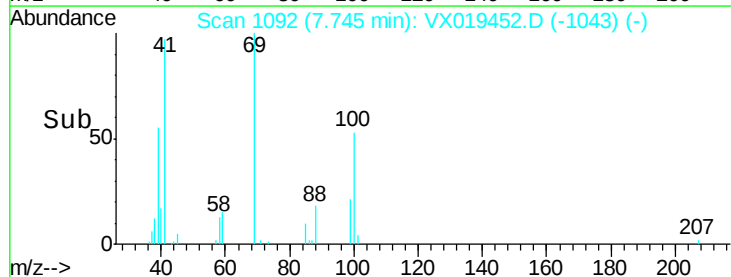
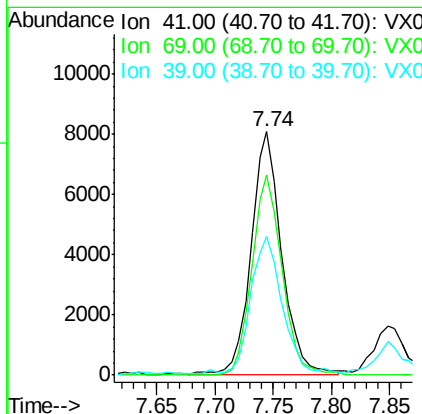
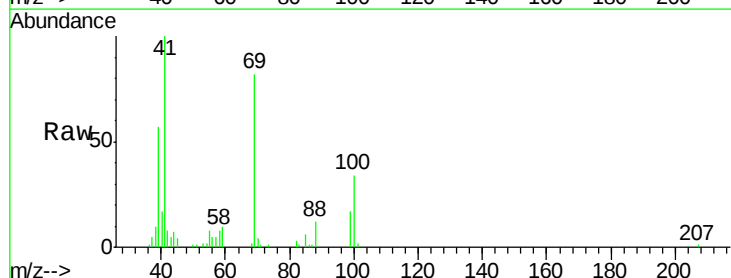
RT: 7.74 min Scan# 1092

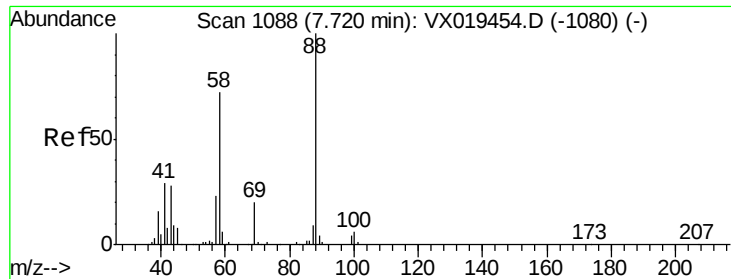
Delta R.T. 0.00 min

Lab File: VX019452.D

Acq: 18 Nov 2020 13:52

Tgt Ion:	41	Resp:	14824
Ion	Ratio	Lower	Upper
41	100		
69	80.7	68.4	102.6
39	56.4	46.6	70.0





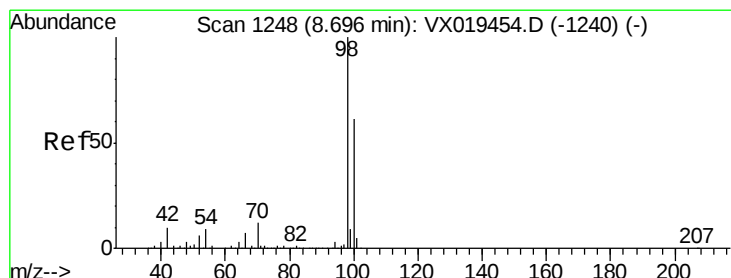
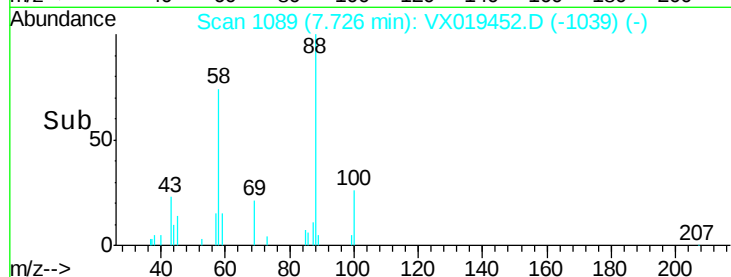
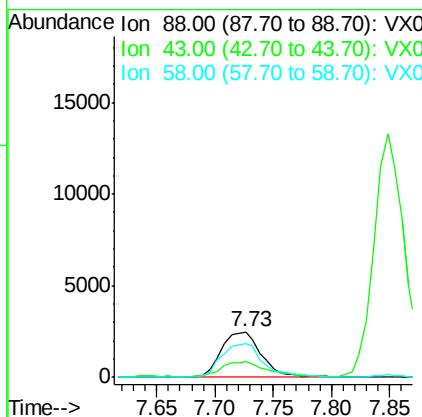
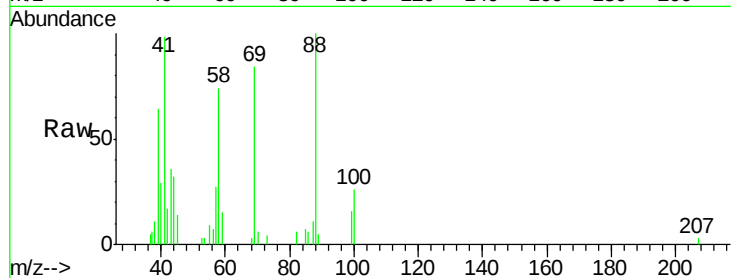
#49
1,4-Dioxane
Concen: 101.212 ug/l
RT: 7.73 min Scan# 1089
Delta R.T. 0.01 min
Lab File: VX019452.D
Acq: 18 Nov 2020 13:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
88	100		
43	42.0	25.9	38.9#
58	76.7	56.6	84.8

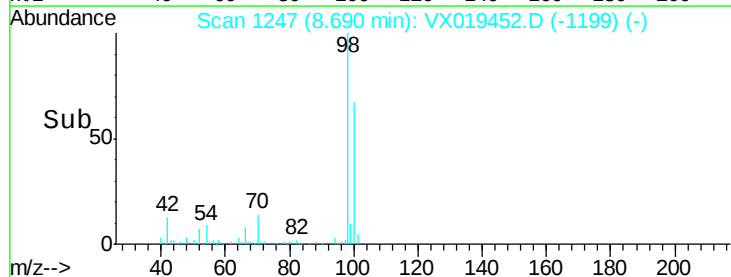
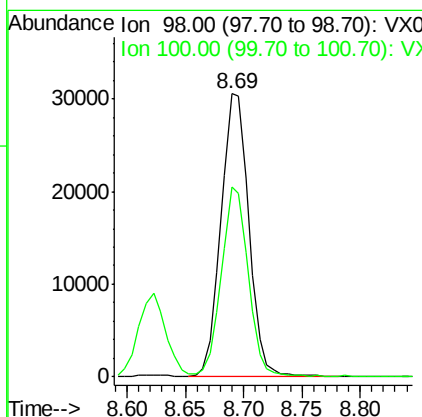
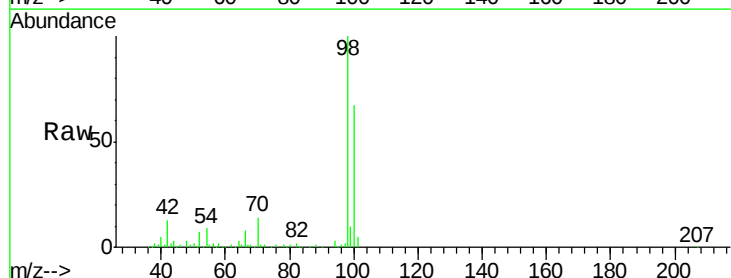
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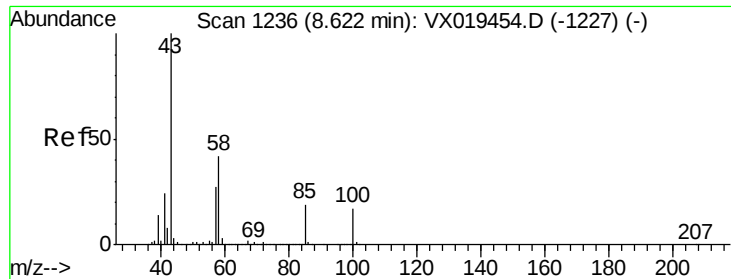
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#50
Toluene-d8
Concen: 5.585 ug/l
RT: 8.69 min Scan# 1247
Delta R.T. -0.01 min
Lab File: VX019452.D
Acq: 18 Nov 2020 13:52

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.0	52.6	79.0





#51

4-Methyl-2-Pentanone

Concen: 28.864 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. 0.00 min

Lab File: VX019452.D

Acq: 18 Nov 2020 13:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 43 Resp: 93758

Ion Ratio Lower Upper

43 100

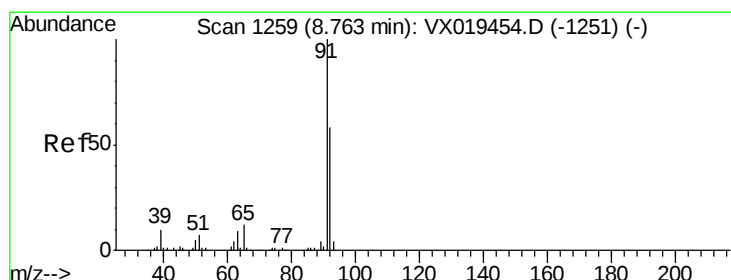
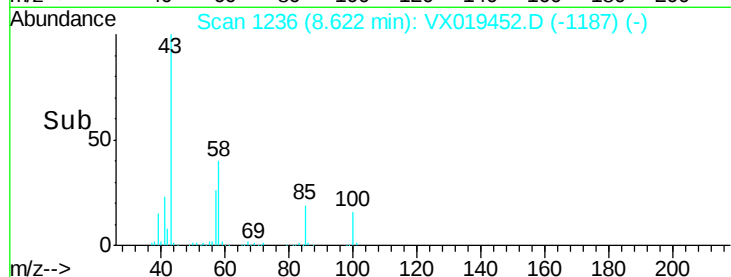
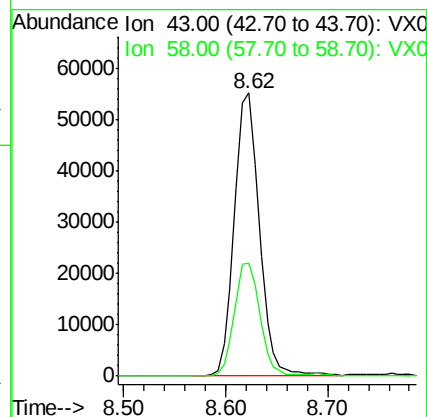
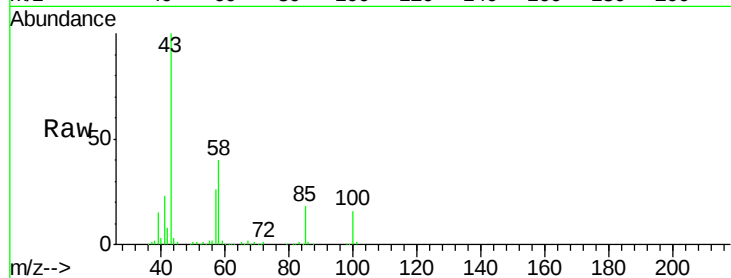
58 40.6 33.0 49.4

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#52

Toluene

Concen: 5.410 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. 0.00 min

Lab File: VX019452.D

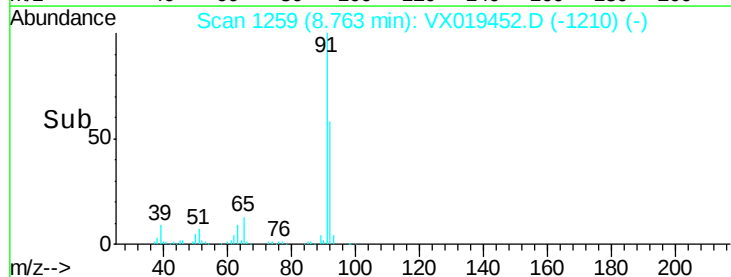
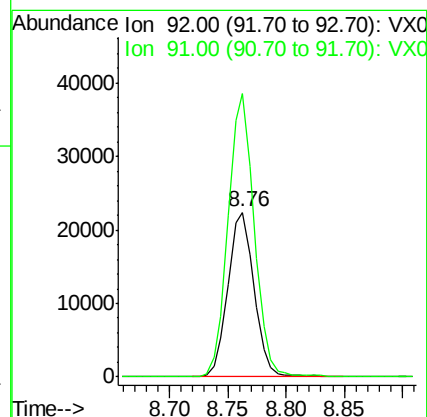
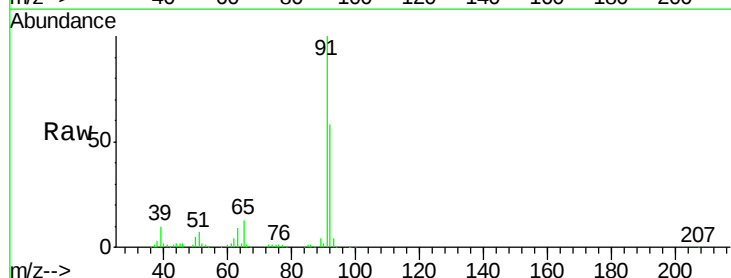
Acq: 18 Nov 2020 13:52

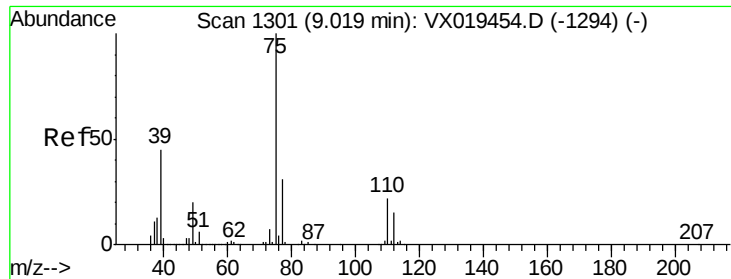
Tgt Ion: 92 Resp: 35061

Ion Ratio Lower Upper

92 100

91 171.0 136.3 204.5





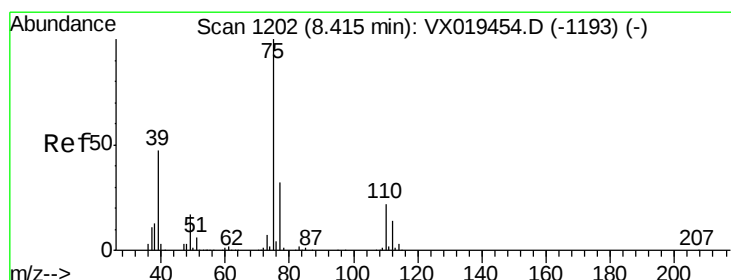
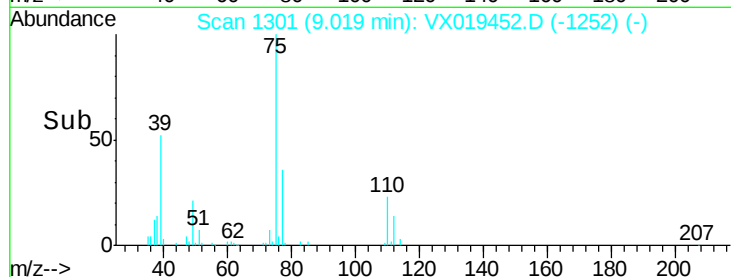
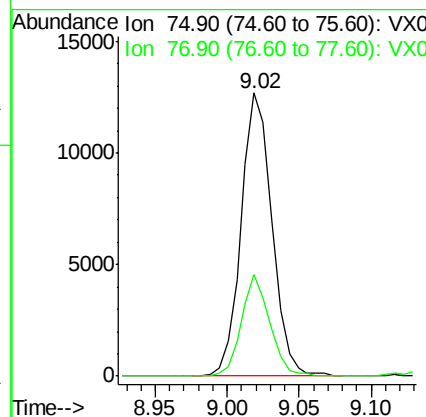
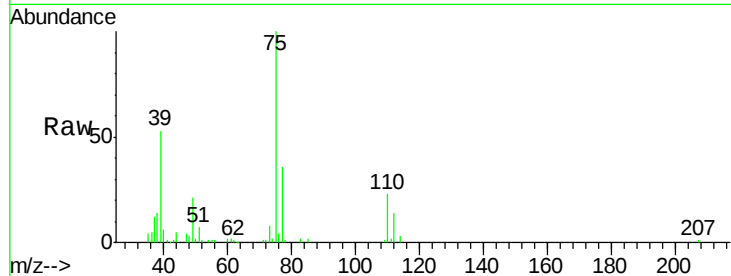
#53
t-1,3-Dichloropropene
Concen: 4.614 ug/l
RT: 9.02 min Scan# 1301
Delta R.T. 0.00 min
Lab File: VX019452.D
Acq: 18 Nov 2020 13:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion: 75 Resp: 18843
Ion Ratio Lower Upper
75 100
77 35.7 25.0 37.6

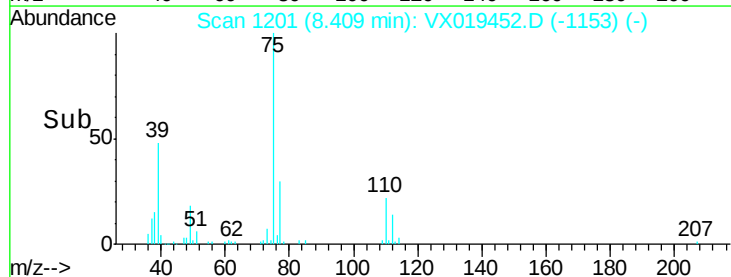
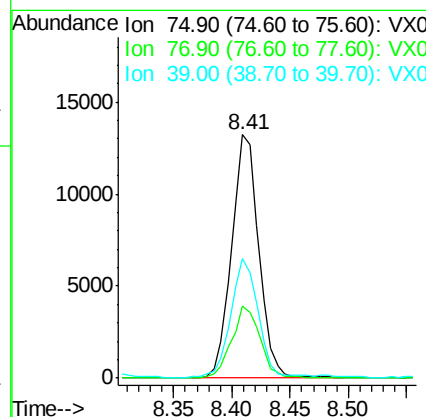
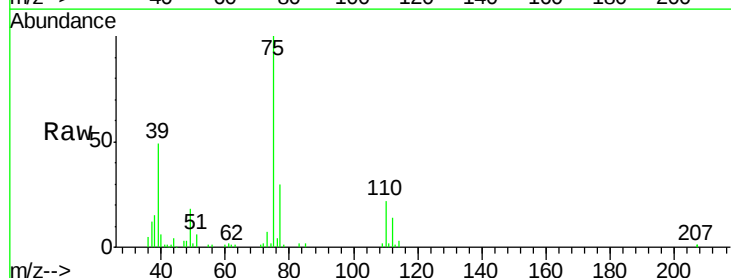
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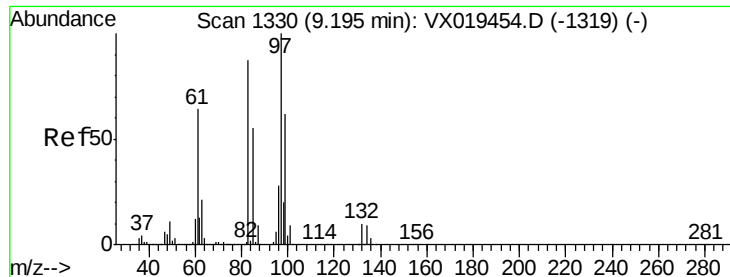
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#54
cis-1,3-Dichloropropene
Concen: 4.989 ug/l
RT: 8.41 min Scan# 1201
Delta R.T. -0.01 min
Lab File: VX019452.D
Acq: 18 Nov 2020 13:52

Tgt Ion: 75 Resp: 21500
Ion Ratio Lower Upper
75 100
77 29.9 25.4 38.2
39 48.5 37.4 56.2





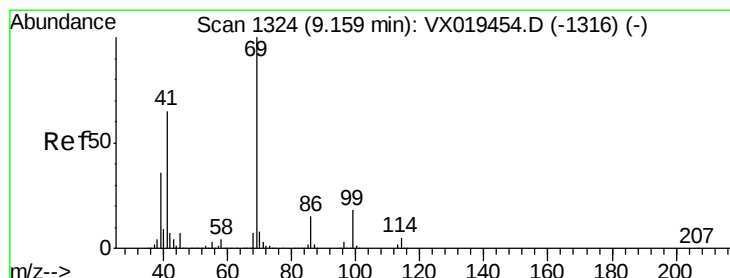
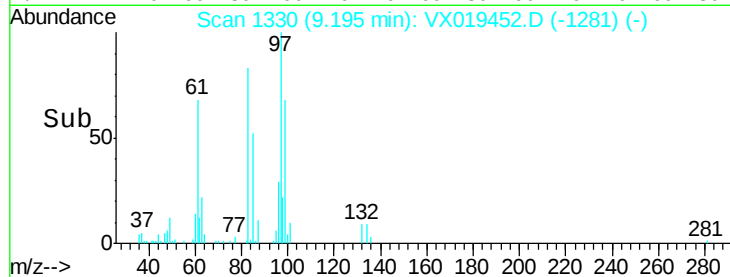
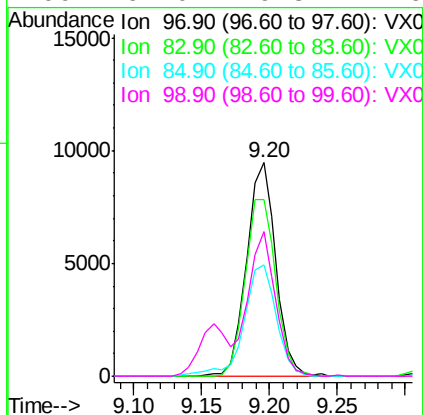
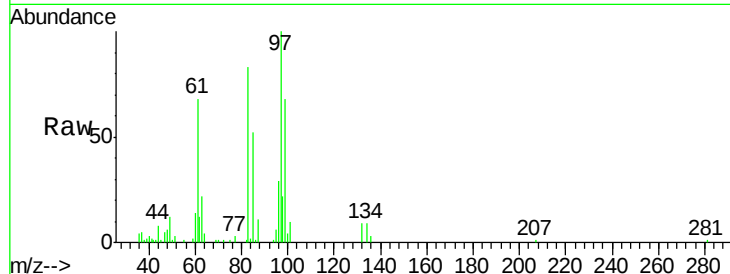
#55
 1,1,2-Trichloroethane
 Concen: 5.544 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VX019452.D
 Acq: 18 Nov 2020 13:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion:	97	Resp:	14210
Ion	Ratio	Lower	Upper
97	100		
83	82.8	69.7	104.5
85	52.0	44.2	66.4
99	67.0	49.8	74.6

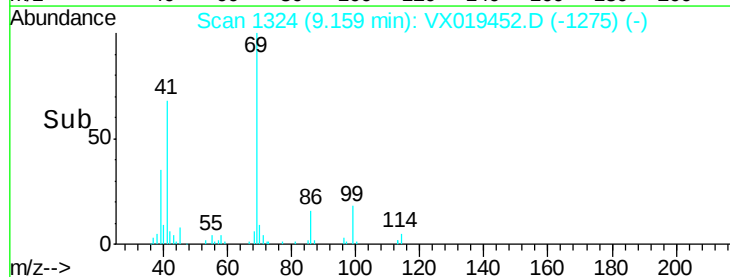
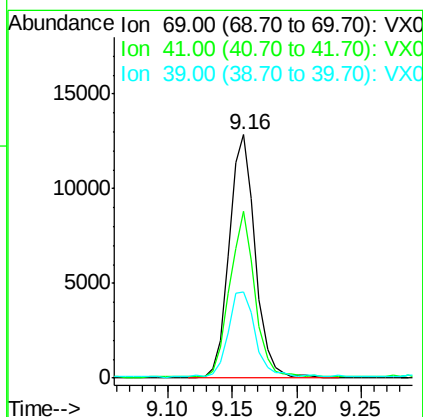
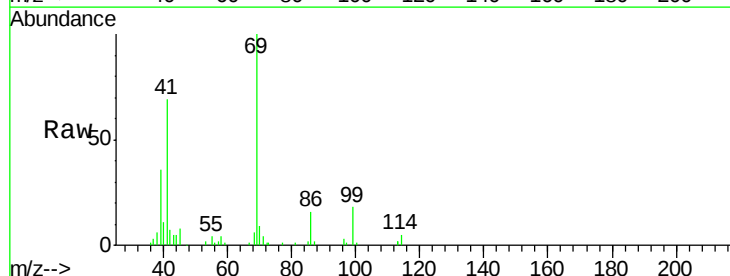
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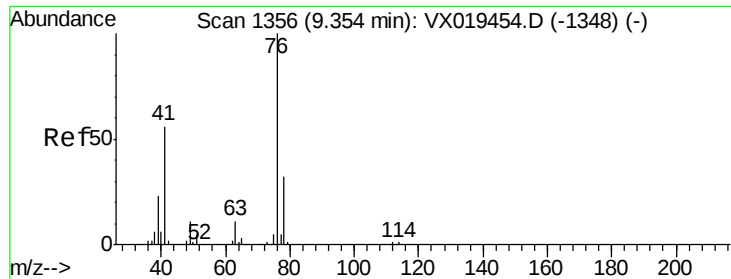
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#56
 Ethyl methacrylate
 Concen: 4.723 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VX019452.D
 Acq: 18 Nov 2020 13:52

Tgt Ion:	69	Resp:	18175
Ion	Ratio	Lower	Upper
69	100		
41	65.9	52.1	78.1
39	38.6	29.5	44.3





#57

1,3-Dichloropropane

Concen: 5.626 ug/l

RT: 9.35 min Scan# 1355

Delta R.T. -0.01 min

Lab File: VX019452.D

Acq: 18 Nov 2020 13:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 76 Resp: 24462

Ion Ratio Lower Upper

76 100

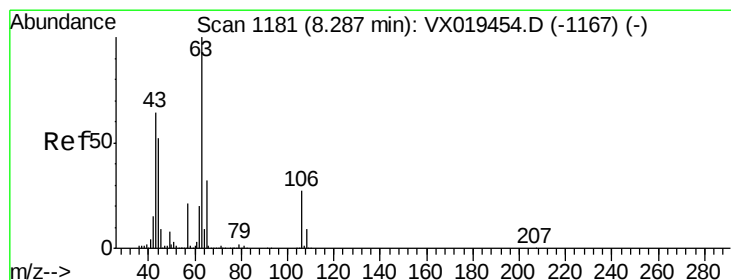
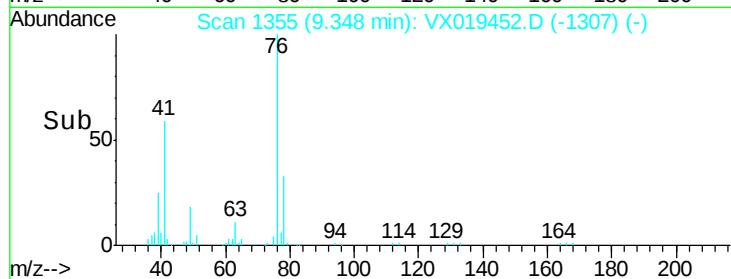
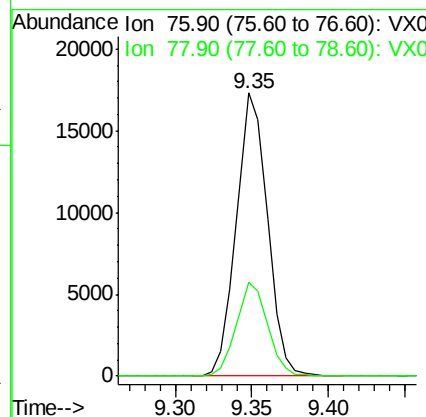
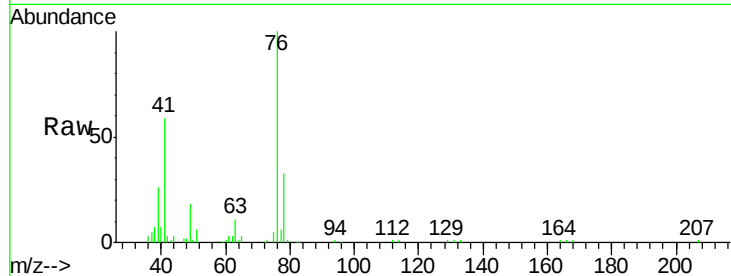
78 33.3 26.1 39.1

Manual Integrations

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#58

2-Chloroethyl Vinyl ether

Concen: 24.299 ug/l

RT: 8.29 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VX019452.D

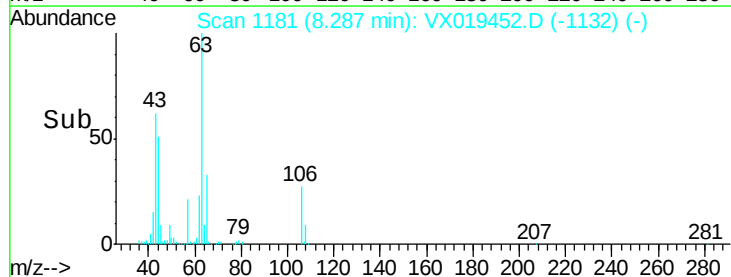
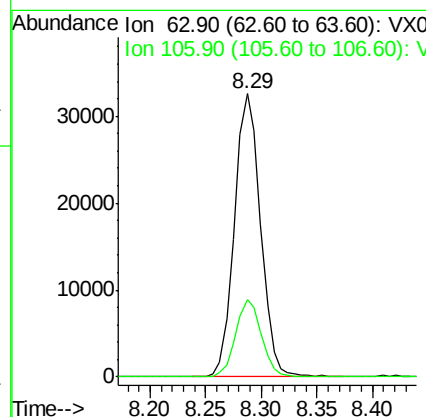
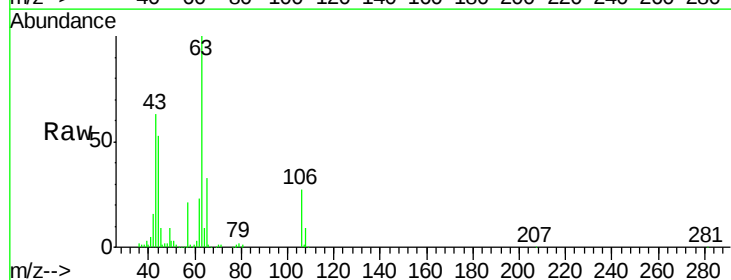
Acq: 18 Nov 2020 13:52

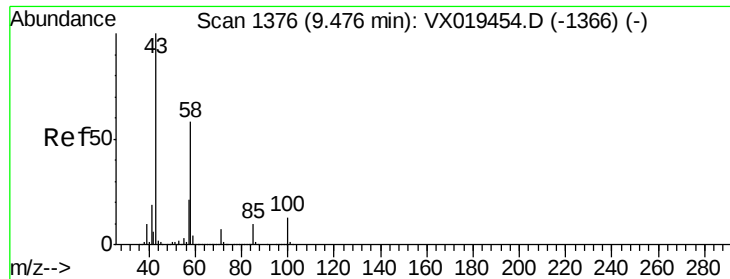
Tgt Ion: 63 Resp: 52966

Ion Ratio Lower Upper

63 100

106 26.9 22.2 33.2





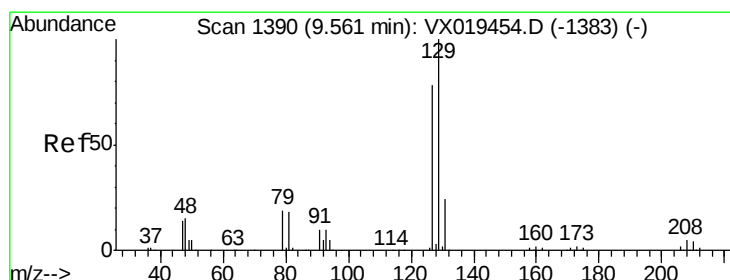
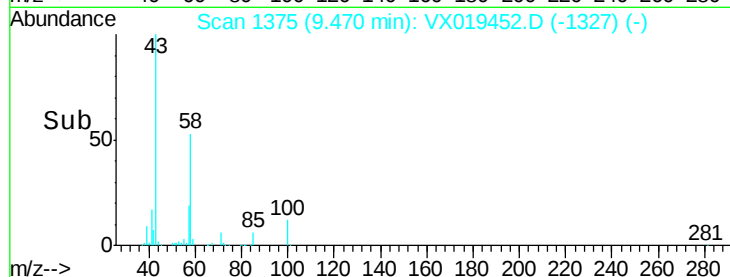
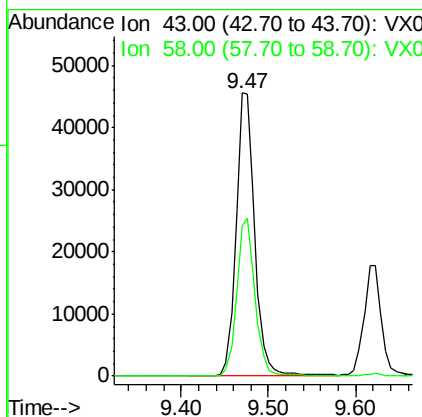
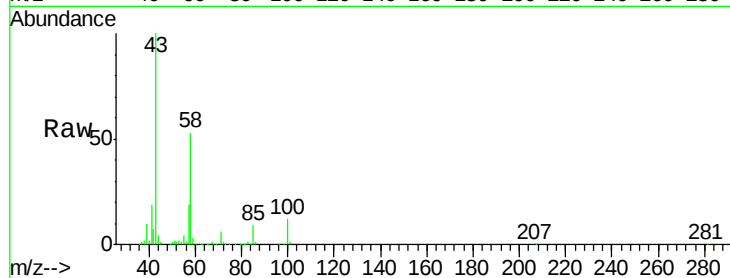
#59
2-Hexanone
Concen: 27.639 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.01 min
Lab File: VX019452.D
Acq: 18 Nov 2020 13:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion: 43 Resp: 68523
Ion Ratio Lower Upper
43 100
58 54.6 28.8 86.5

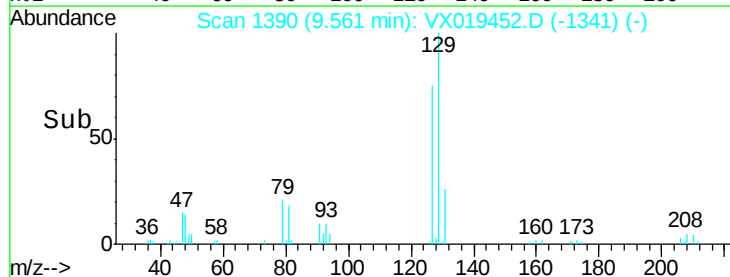
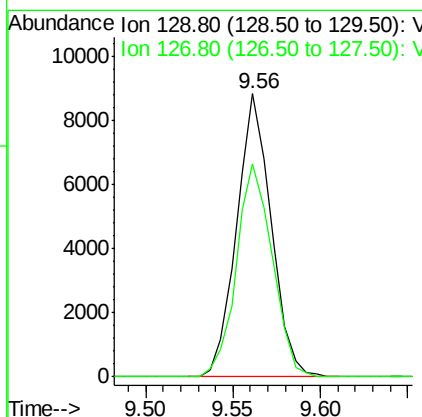
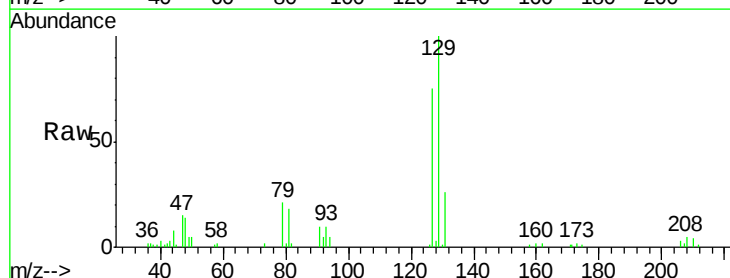
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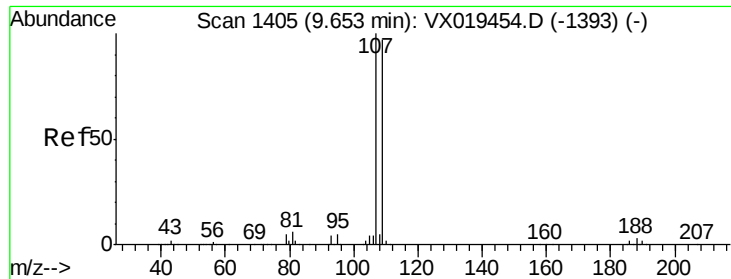
MMDadoda
11/19/2020 11:57:59 AM



#60
Dibromochloromethane
Concen: 4.432 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. 0.00 min
Lab File: VX019452.D
Acq: 18 Nov 2020 13:52

Tgt Ion: 129 Resp: 12099
Ion Ratio Lower Upper
129 100
127 78.1 38.8 116.4





#61

1,2-Dibromoethane

Concen: 5.397 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX019452.D

Acq: 18 Nov 2020 13:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 107 Resp: 14733

Ion Ratio Lower Upper

107 100

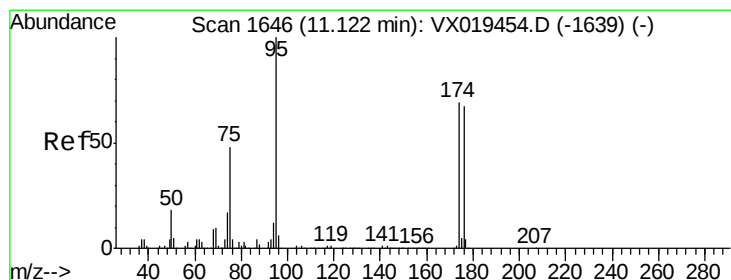
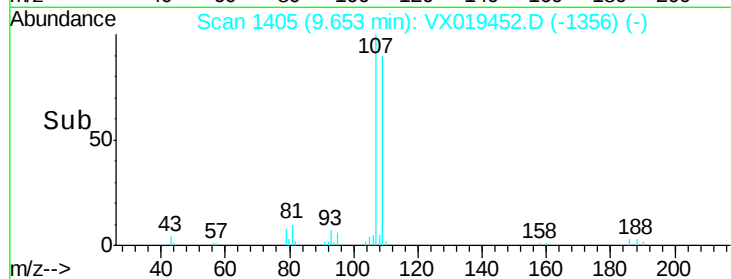
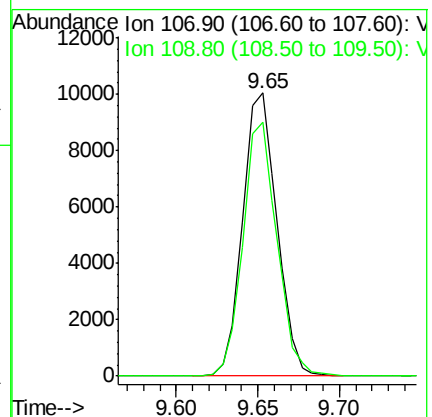
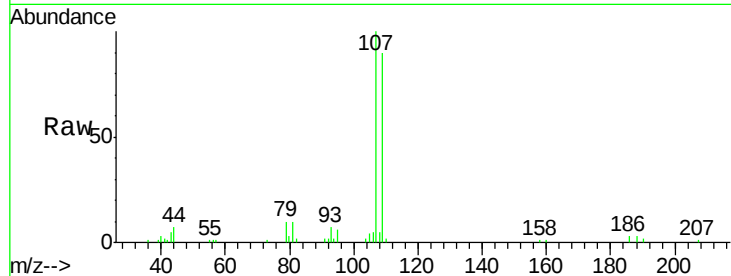
109 89.3 75.5 113.3

Manual Integrations

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#62

4-Bromofluorobenzene

Concen: 4.998 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX019452.D

Acq: 18 Nov 2020 13:52

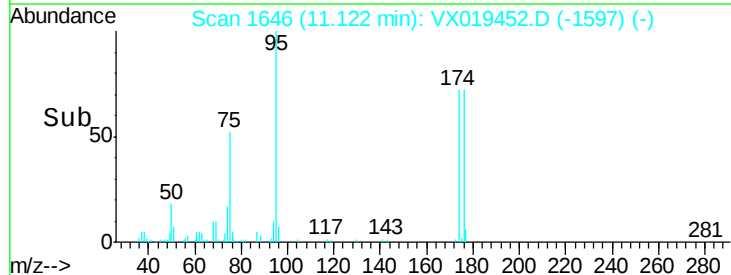
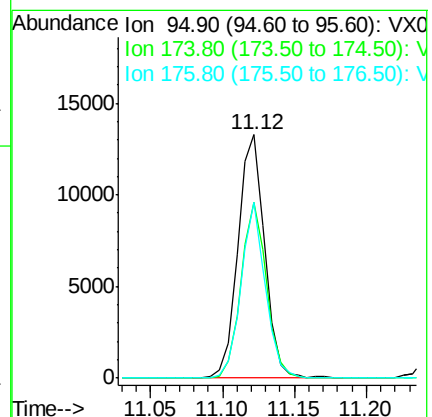
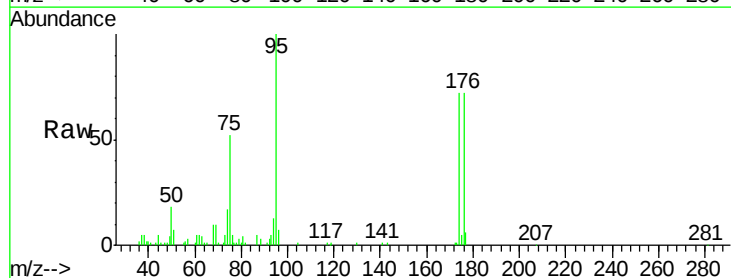
Tgt Ion: 95 Resp: 17181

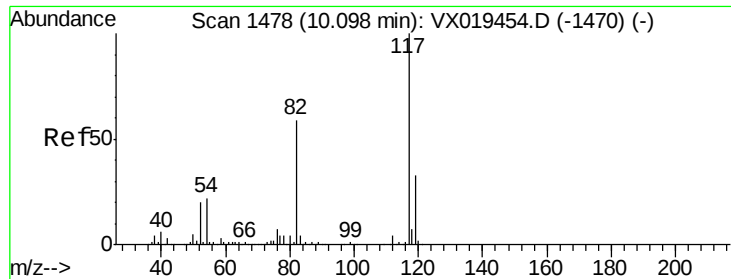
Ion Ratio Lower Upper

95 100

174 68.5 0.0 141.4

176 65.5 0.0 137.6





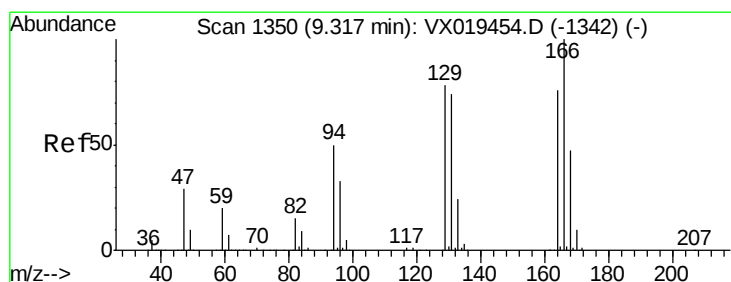
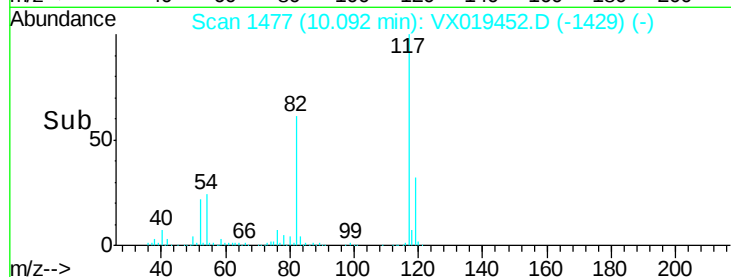
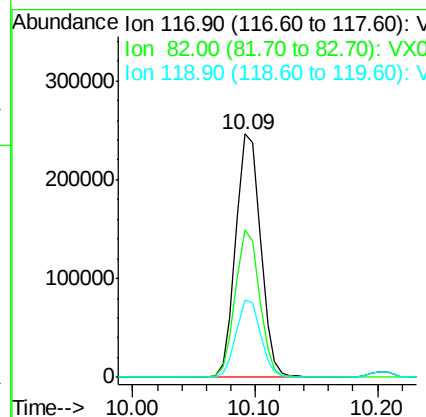
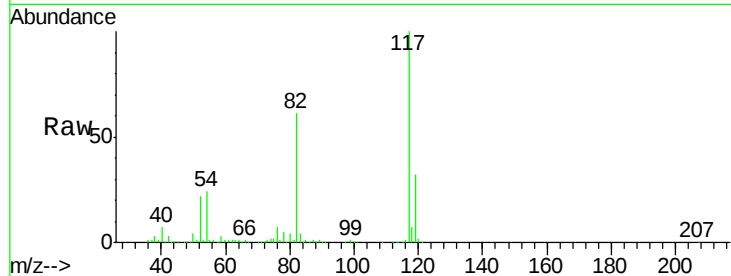
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.09 min Scan# 1477
Delta R.T. -0.01 min
Lab File: VX019452.D
Acq: 18 Nov 2020 13:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Resp	Lower	Upper
117	100	344588		
82	60.5	47.4	71.2	
119	31.9	26.3	39.5	

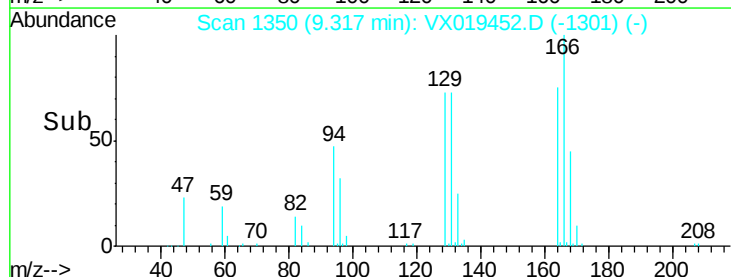
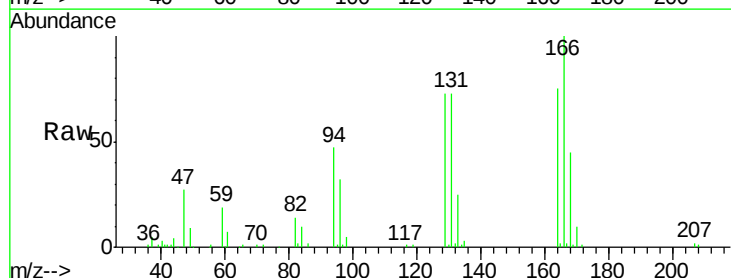
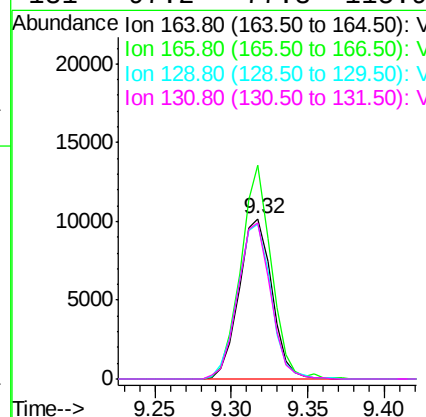
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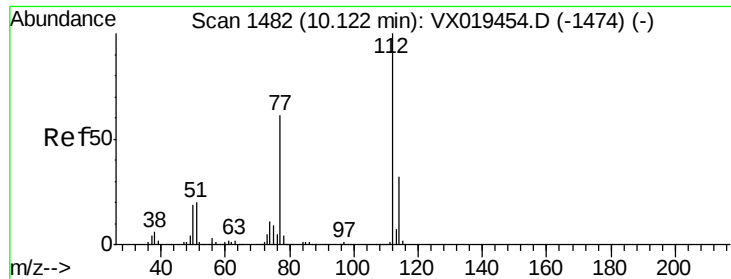
MMDadoda
11/19/2020 11:57:59 AM



#64
Tetrachloroethene
Concen: 5.708 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VX019452.D
Acq: 18 Nov 2020 13:52

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	15165		
166	133.0	104.6	157.0	
129	96.8	81.4	122.2	
131	97.2	77.3	115.9	





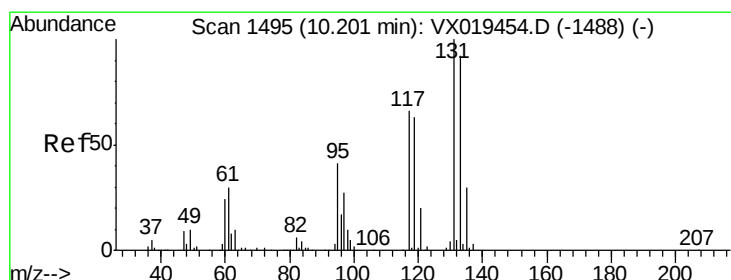
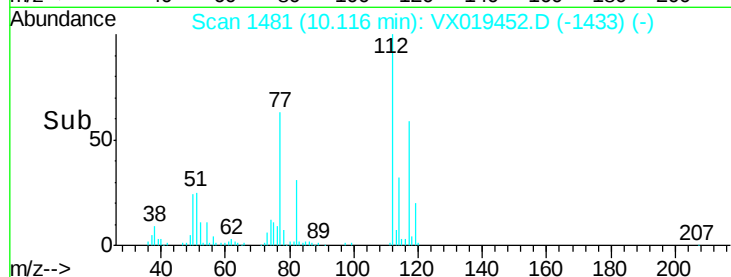
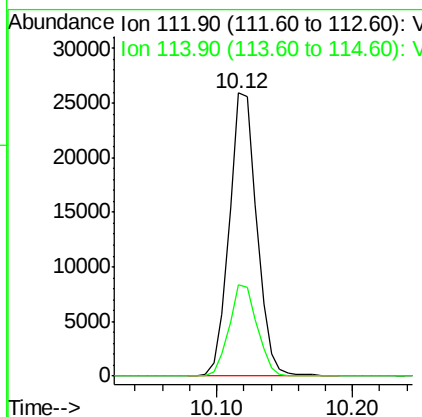
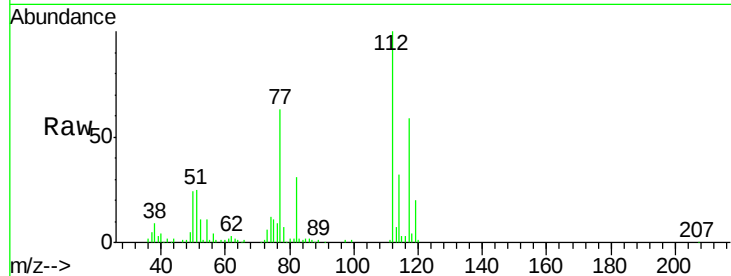
#65
Chlorobenzene
Concen: 5.148 ug/l
RT: 10.12 min Scan# 1481
Delta R.T. -0.01 min
Lab File: VX019452.D
Acq: 18 Nov 2020 13:52

Instrument :
MSVOA_X
ClientSampled :
VSTDIC005

Tot Ion:112 Resp: 36497
Ion Ratio Lower Upper
112 100
114 32.1 25.5 38.3

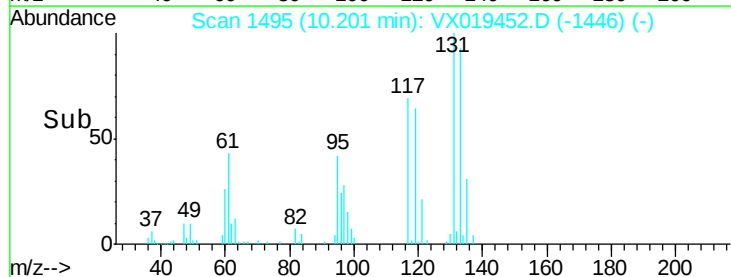
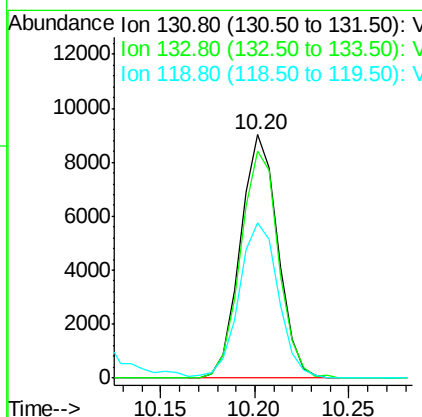
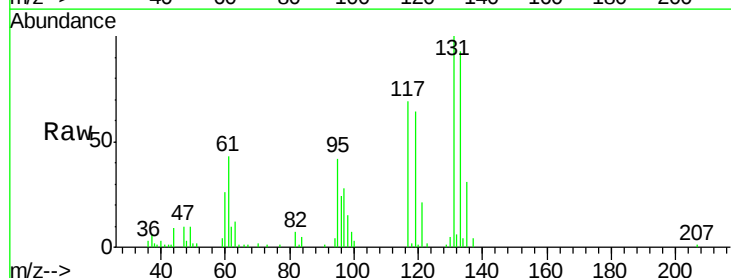
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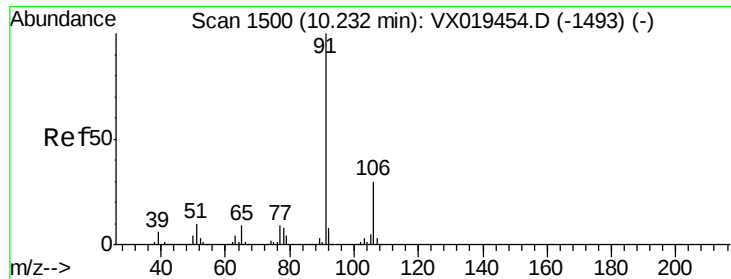
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#66
1,1,1,2-Tetrachloroethane
Concen: 4.856 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. 0.00 min
Lab File: VX019452.D
Acq: 18 Nov 2020 13:52

Tgt Ion:131 Resp: 12423
Ion Ratio Lower Upper
131 100
133 94.8 46.2 138.5
119 67.3 32.1 96.3





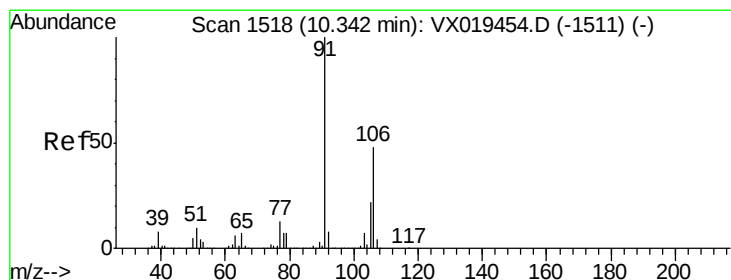
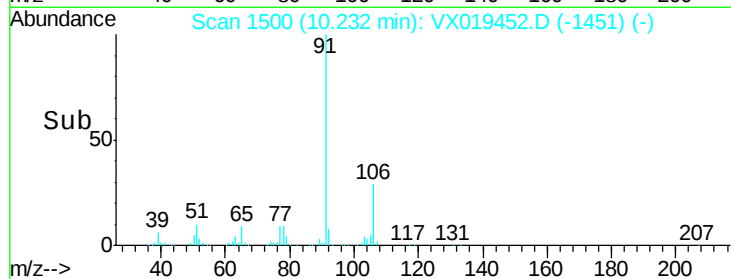
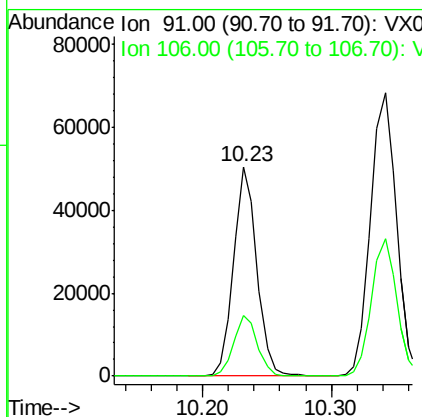
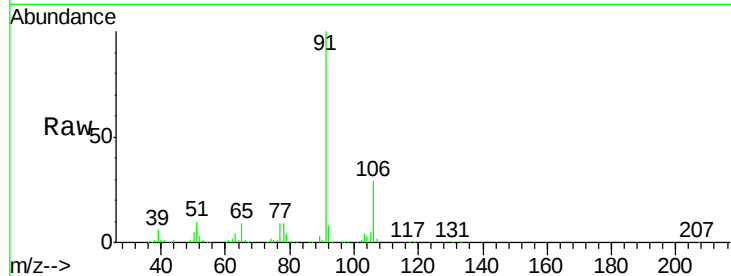
#67
Ethyl Benzene
Concen: 5.021 ug/l
RT: 10.23 min Scan# 1500
Delta R.T. 0.00 min
Lab File: VX019452.D
Acq: 18 Nov 2020 13:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion: 91 Resp: 63875
Ion Ratio Lower Upper
91 100
106 29.0 23.8 35.6

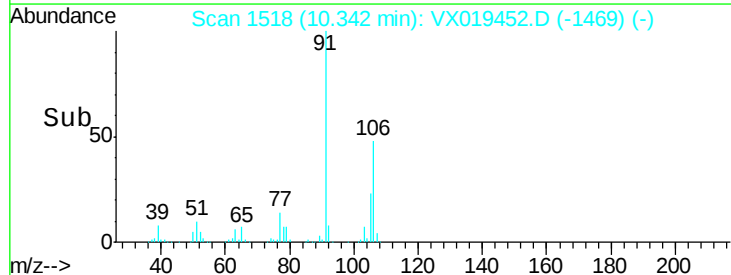
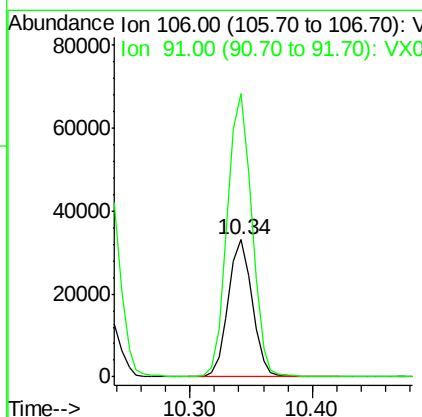
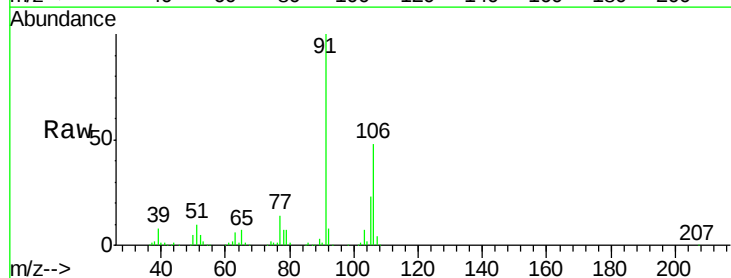
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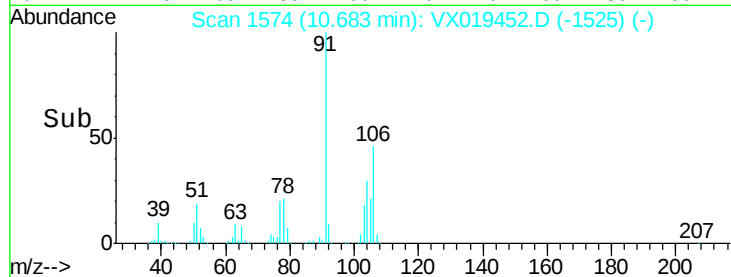
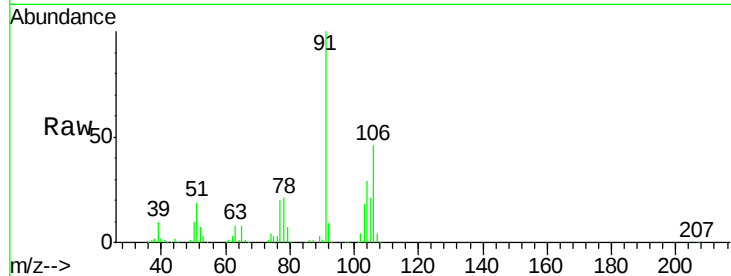
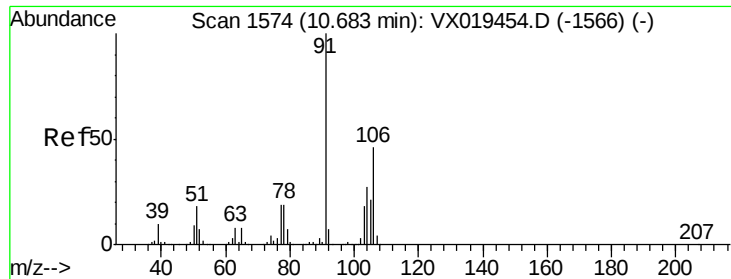
MMDadoda
11/19/2020 11:57:59 AM



#68
m/p-Xylenes
Concen: 9.448 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VX019452.D
Acq: 18 Nov 2020 13:52

Tgt Ion: 106 Resp: 44959
Ion Ratio Lower Upper
106 100
91 211.3 167.2 250.8





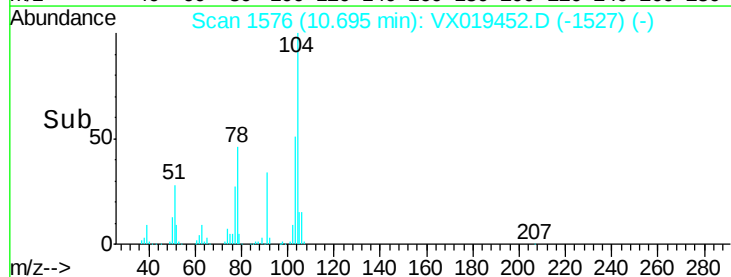
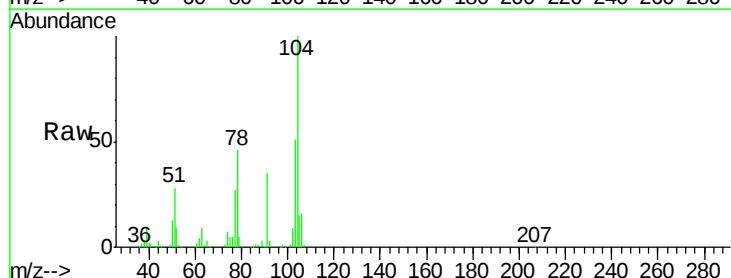
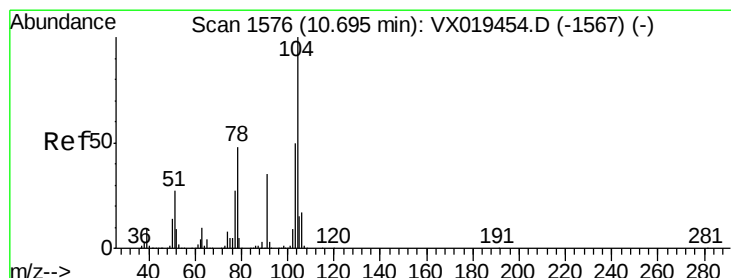
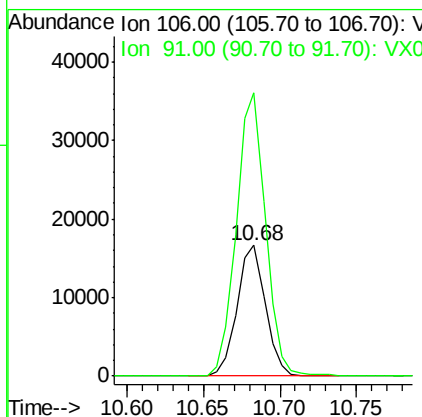
#69
o-Xylene
Concen: 4.755 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX019452.D
Acq: 18 Nov 2020 13:52

Tot Ion:106 Resp: 21465
Ion Ratio Lower Upper
106 100
91 222.6 109.6 328.6

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

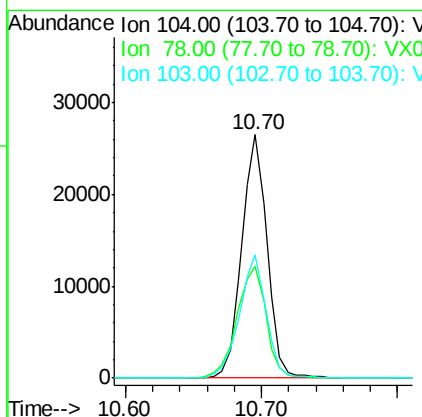
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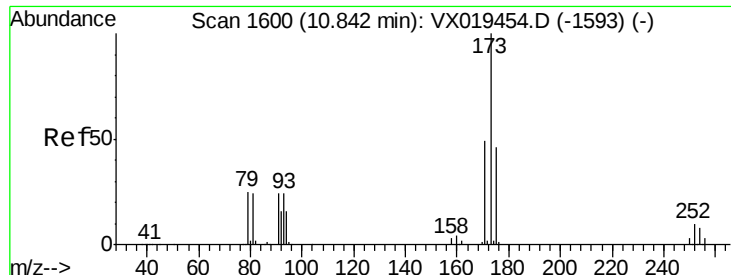
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#70
Styrene
Concen: 4.477 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX019452.D
Acq: 18 Nov 2020 13:52

Tgt Ion:104 Resp: 34457
Ion Ratio Lower Upper
104 100
78 52.9 42.7 64.1
103 53.7 43.2 64.8





#71

Bromoform

Concen: 3.674 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX019452.D

Acq: 18 Nov 2020 13:52

Instrument :

MSVOA_X

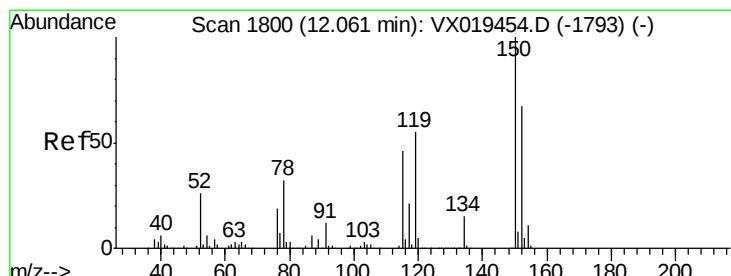
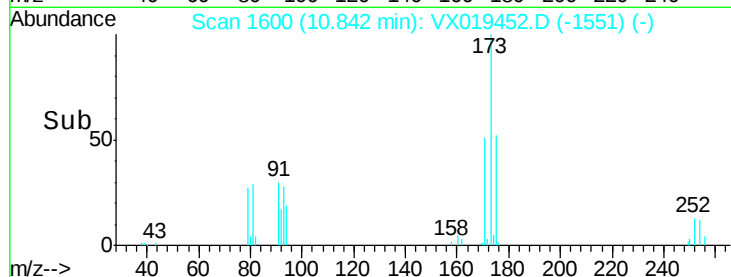
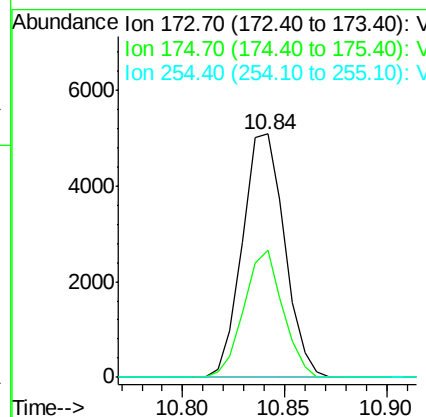
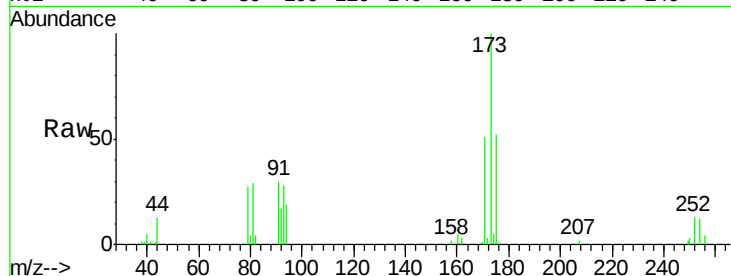
ClientSampleId :

VSTDIC005

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.1	23.9	71.7
254	0.0	0.1	0.1#

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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

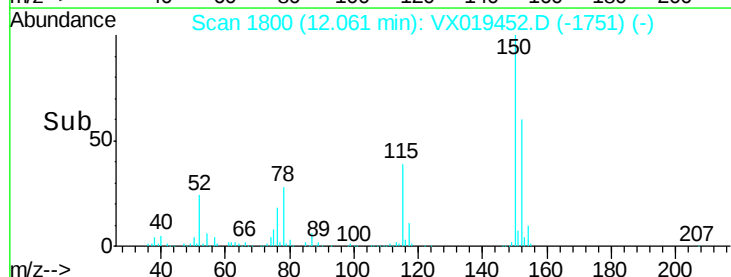
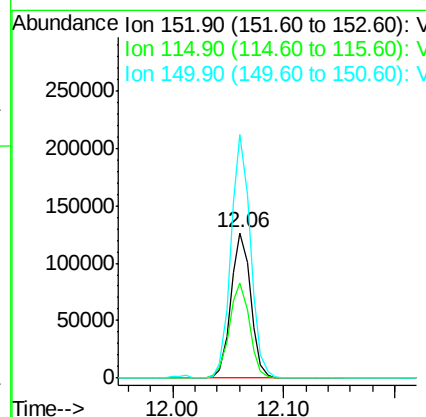
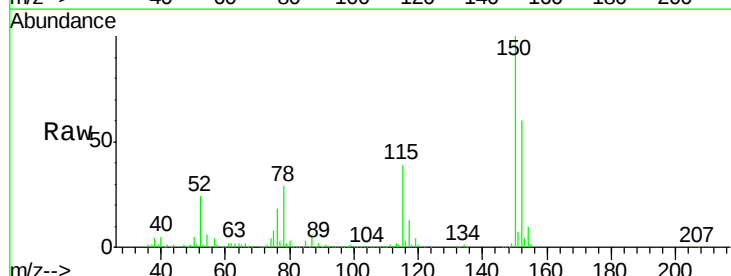
RT: 12.06 min Scan# 1800

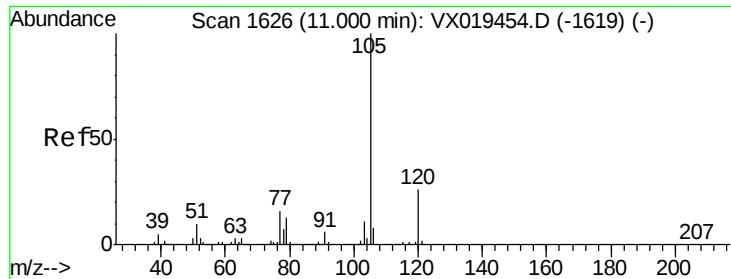
Delta R.T. 0.00 min

Lab File: VX019452.D

Acq: 18 Nov 2020 13:52

Tgt Ion	Ratio	Lower	Upper
152	100		
115	67.2	44.9	134.7
150	165.3	0.0	344.4





#73

Isopropylbenzene

Concen: 5.316 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX019452.D

Acq: 18 Nov 2020 13:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion:105 Resp: 58830

Ion Ratio Lower Upper

105 100

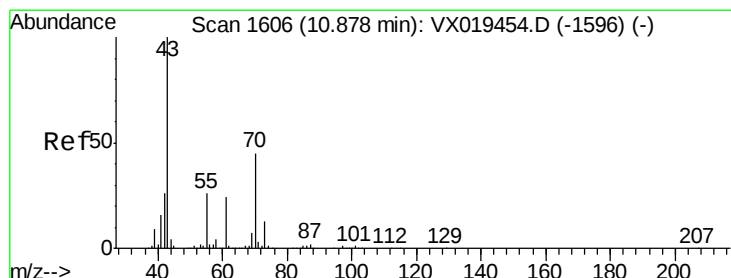
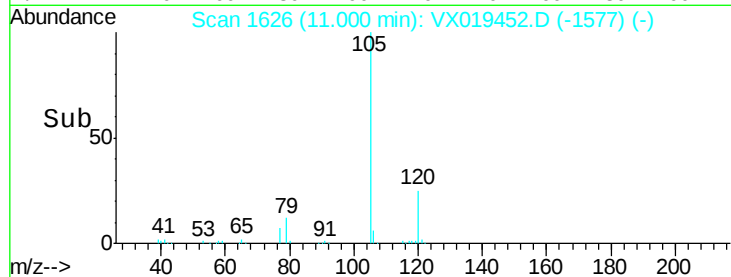
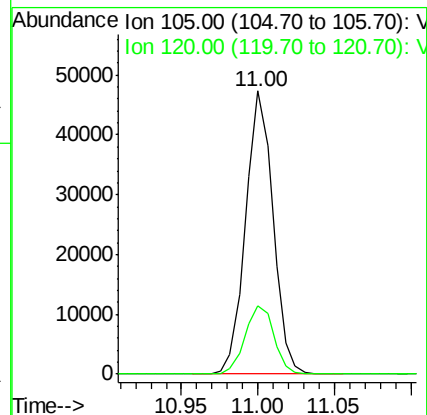
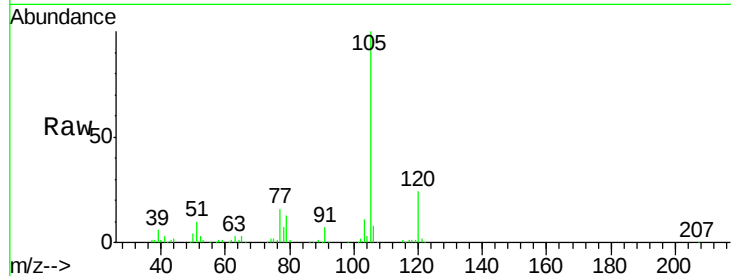
120 25.5 12.9 38.7

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#74

N-ethyl acetate

Concen: 5.192 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. 0.00 min

Lab File: VX019452.D

Acq: 18 Nov 2020 13:52

Tgt Ion: 43 Resp: 21540

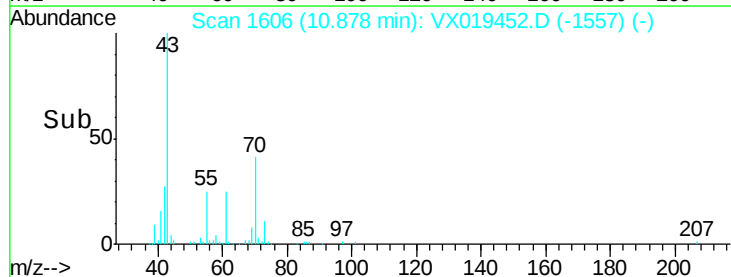
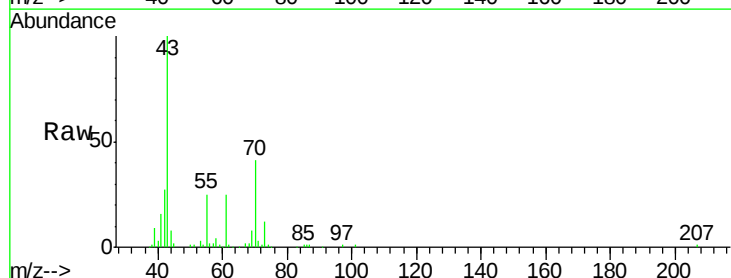
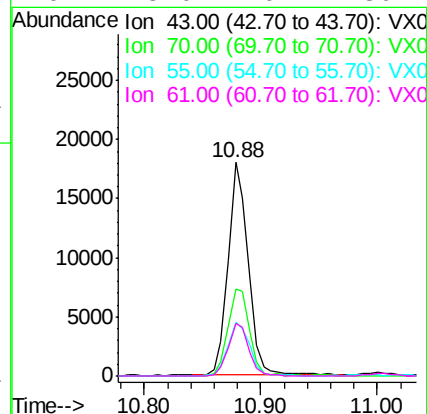
Ion Ratio Lower Upper

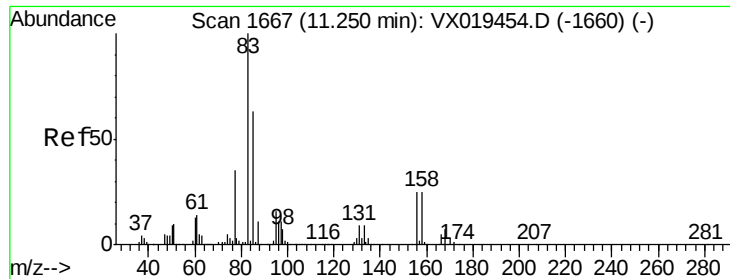
43 100

70 43.8 36.8 55.2

55 27.9 21.0 31.4

61 25.0 20.2 30.2





#75

1,1,2,2-Tetrachloroethane

Concen: 5.682 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. 0.00 min

Lab File: VX019452.D

Acq: 18 Nov 2020 13:52

Instrument :

MSVOA_X

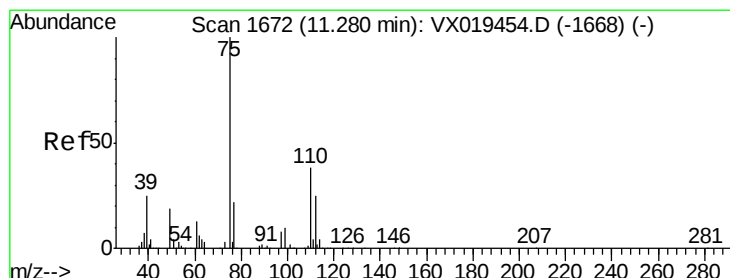
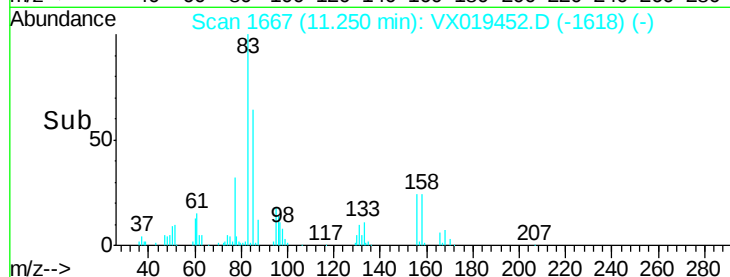
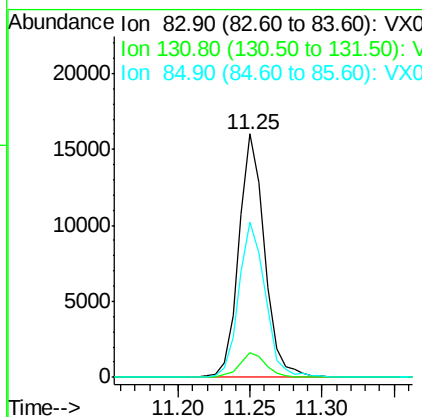
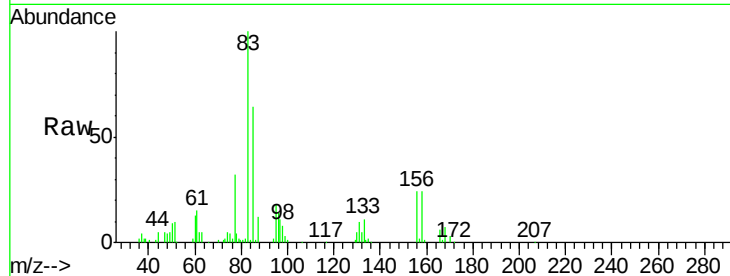
ClientSampleId :

VSTDIC005

Tot Ion:	83	Resp:	19889
Ion Ratio	Lower	Upper	
83	100		
131	10.3	4.6	13.8
85	65.8	31.9	95.5

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#76

1,2,3-Trichloropropane

Concen: 6.102 ug/l m

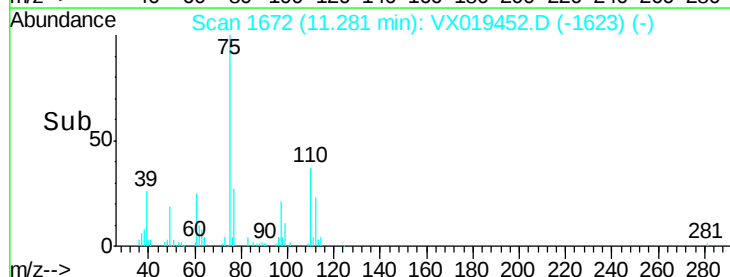
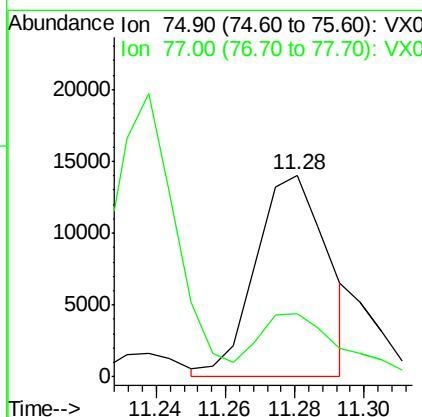
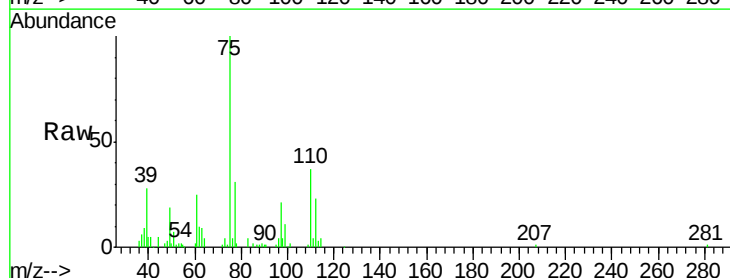
RT: 11.28 min Scan# 1672

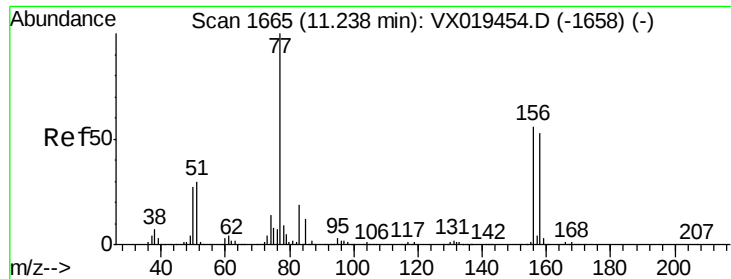
Delta R.T. 0.00 min

Lab File: VX019452.D

Acq: 18 Nov 2020 13:52

Tgt Ion:	75	Resp:	19990
Ion Ratio	Lower	Upper	
75	100		
77	36.9	20.0	59.9





#77

Bromobenzene

Concen: 5.248 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX019452.D

Acq: 18 Nov 2020 13:52

Instrument :

MSVOA_X

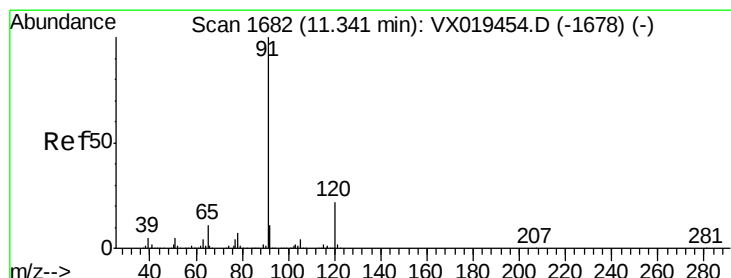
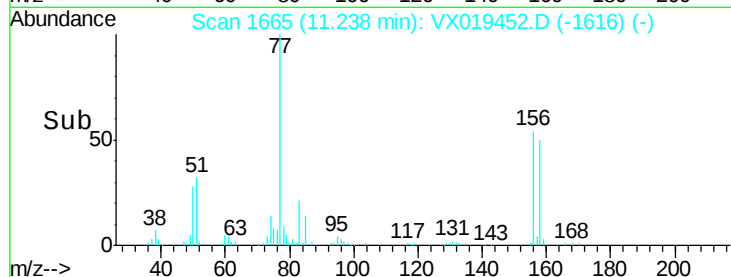
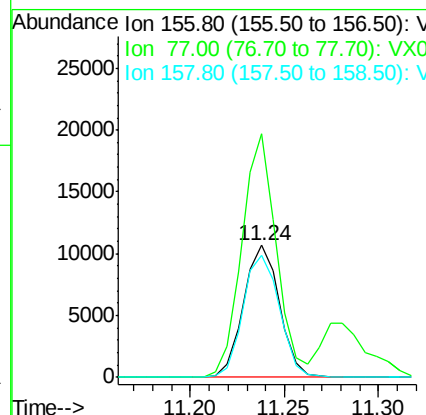
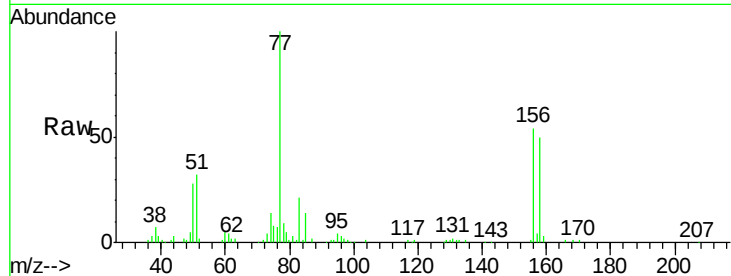
ClientSampleId :

VSTDIC005

Tot Ion	Ion	Ratio	Lower	Upper
156	100			
77	176.7	91.3	274.1	
158	93.2	48.3	144.9	

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#78

n-propylbenzene

Concen: 5.157 ug/l

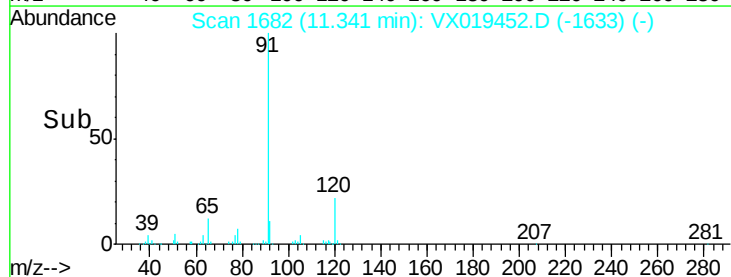
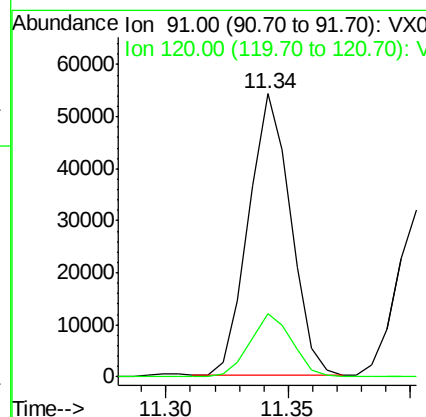
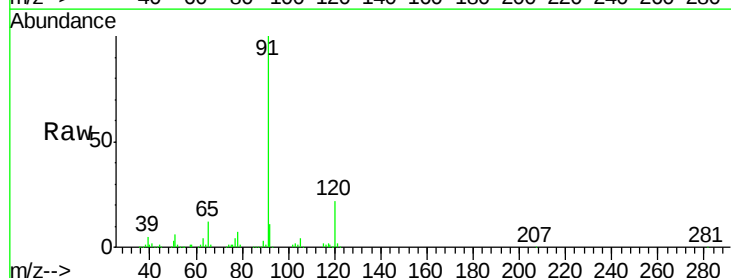
RT: 11.34 min Scan# 1682

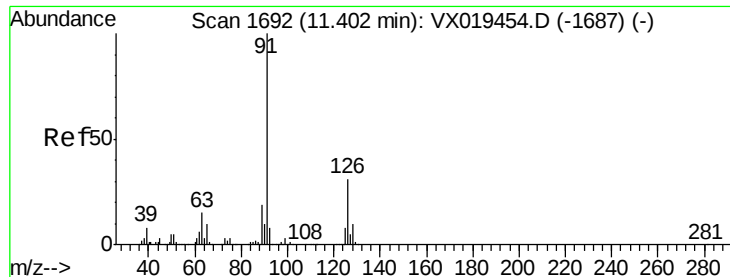
Delta R.T. 0.00 min

Lab File: VX019452.D

Acq: 18 Nov 2020 13:52

Tgt Ion	Ion	Ratio	Lower	Upper
91	100			
120	22.5	11.1	33.3	





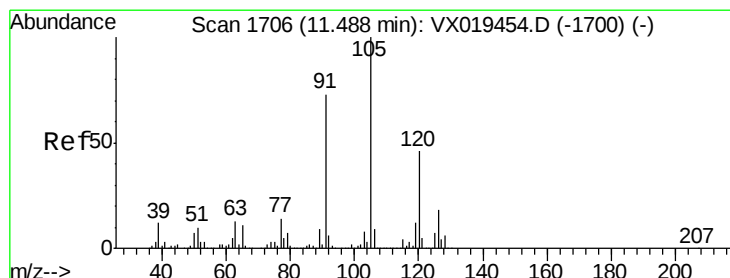
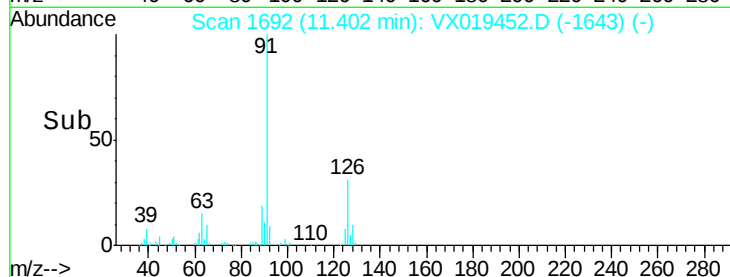
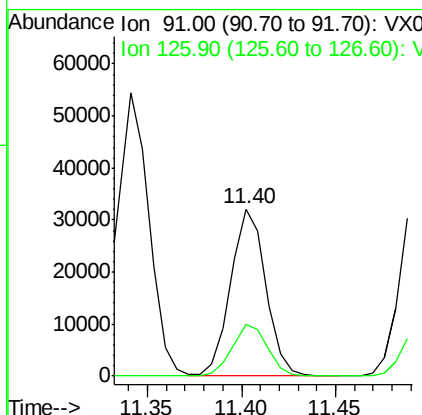
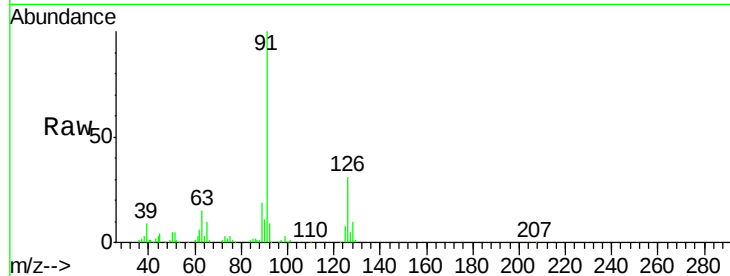
#79
 2-Chlorotoluene
 Concen: 5.494 ug/l
 RT: 11.40 min Scan# 1692
 Delta R.T. 0.00 min
 Lab File: VX019452.D
 Acq: 18 Nov 2020 13:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion: 91 Resp: 41157
 Ion Ratio Lower Upper
 91 100
 126 31.6 15.6 46.8

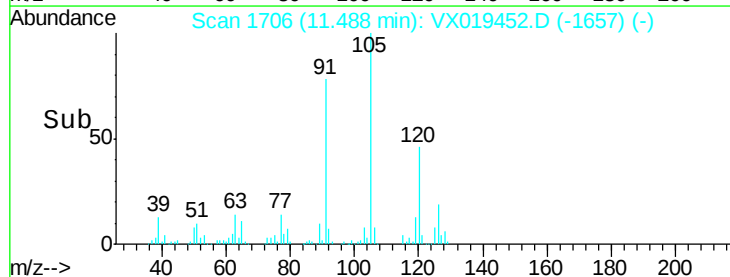
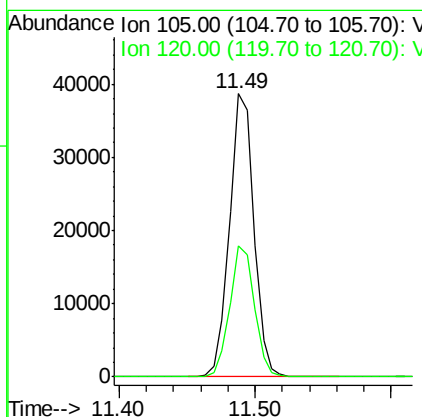
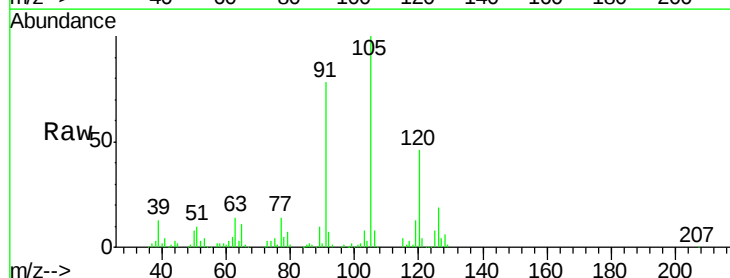
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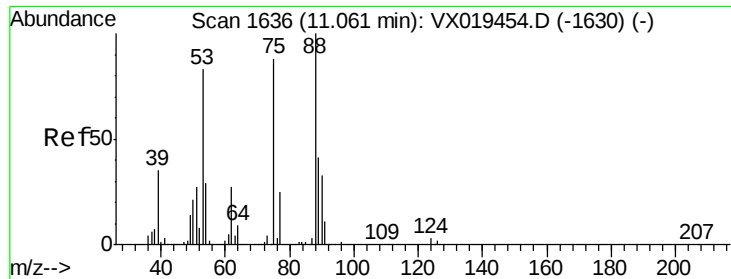
MMDadoda
 11/19/2020 11:57:59 AM



#80
 1,3,5-Trimethylbenzene
 Concen: 5.138 ug/l
 RT: 11.49 min Scan# 1706
 Delta R.T. 0.00 min
 Lab File: VX019452.D
 Acq: 18 Nov 2020 13:52

Tgt Ion: 105 Resp: 48195
 Ion Ratio Lower Upper
 105 100
 120 47.1 23.6 70.8





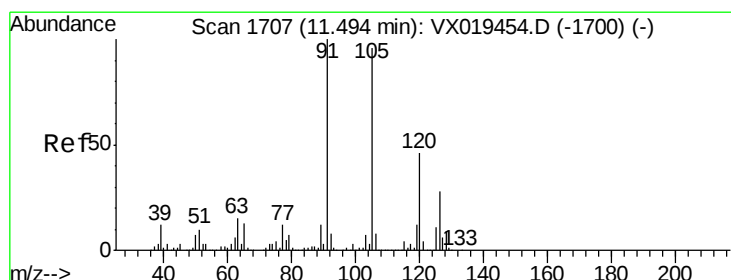
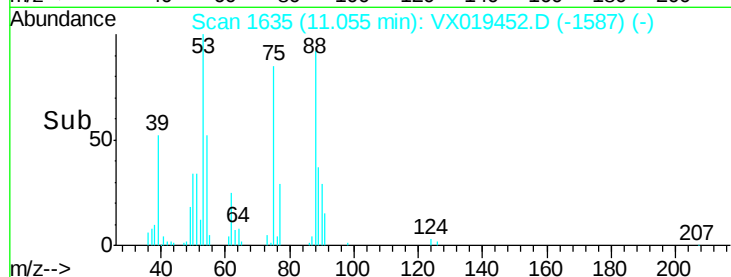
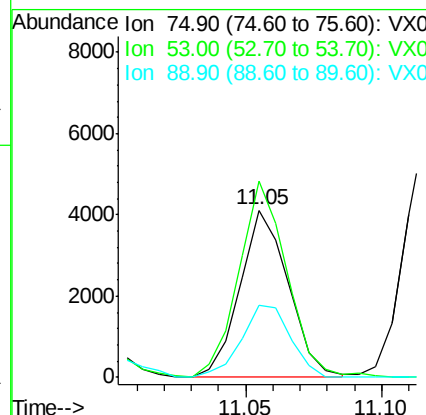
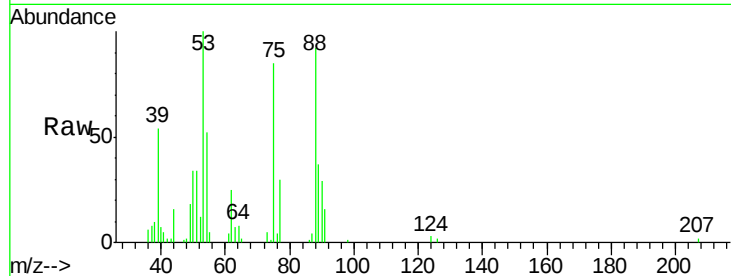
#81
trans-1,4-Dichloro-2-butene
Concen: 4.144 ug/l
RT: 11.05 min Scan# 1635
Delta R.T. -0.01 min
Lab File: VX019452.D
Acq: 18 Nov 2020 13:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
75	100		
53	116.2	81.0	121.6
89	43.8	37.0	55.4

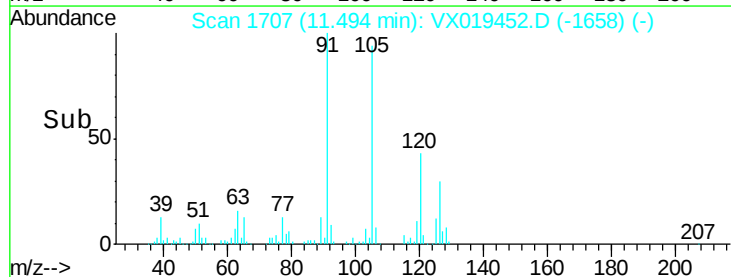
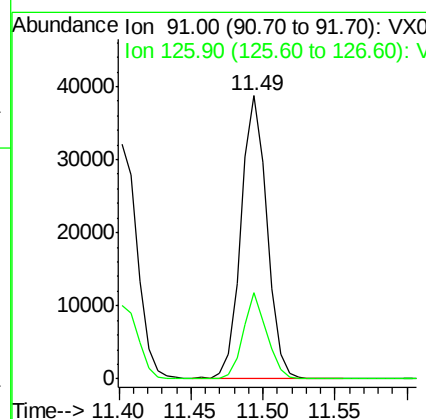
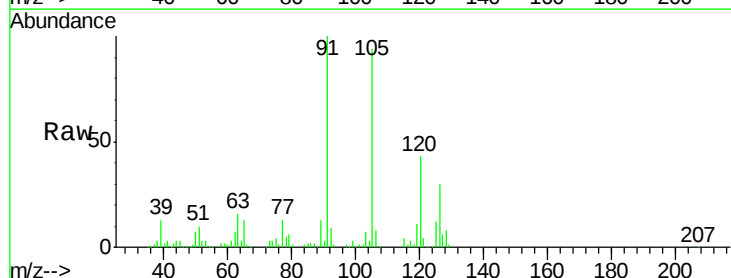
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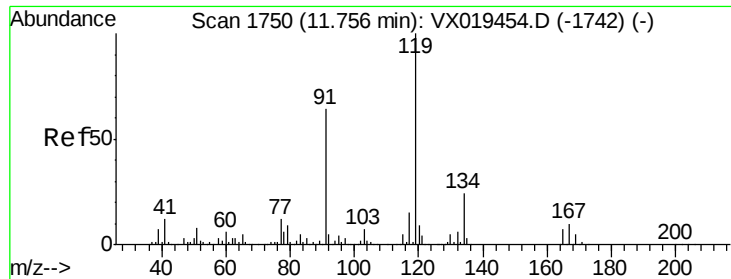
MMDadoda
11/19/2020 11:57:59 AM



#82
4-Chlorotoluene
Concen: 5.346 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. 0.00 min
Lab File: VX019452.D
Acq: 18 Nov 2020 13:52

Tgt Ion	Ratio	Lower	Upper
91	100		
126	27.5	14.1	42.2





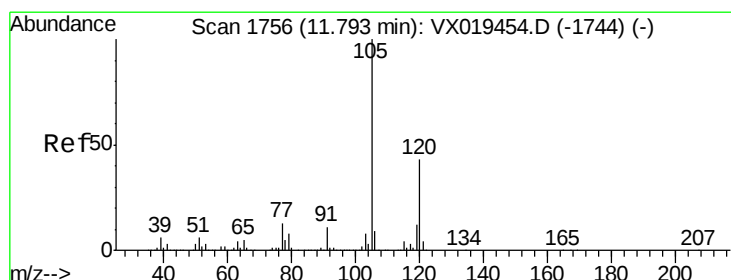
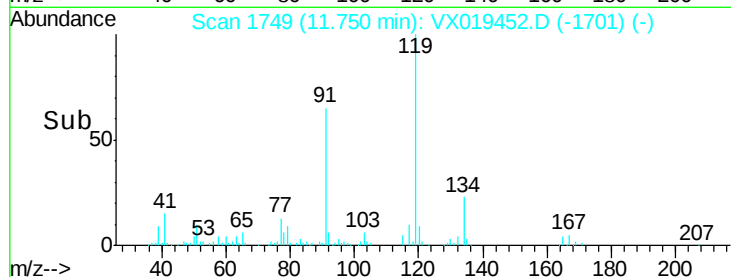
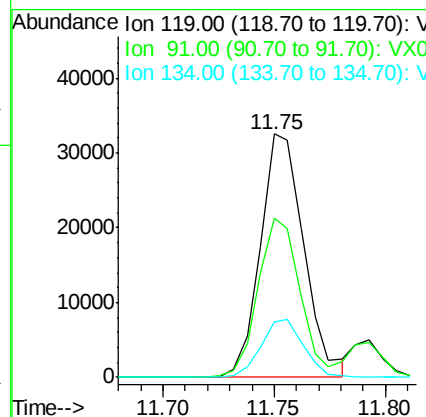
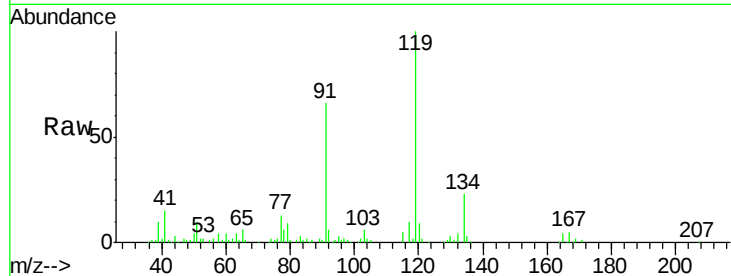
#83
tert-Butylbenzene
Concen: 4.987 ug/l
RT: 11.75 min Scan# 1749
Delta R.T. -0.01 min
Lab File: VX019452.D
Acq: 18 Nov 2020 13:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
119	100		
91	63.0	31.1	93.2
134	23.5	11.6	34.7

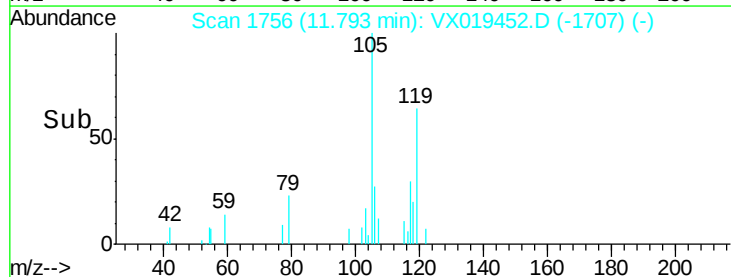
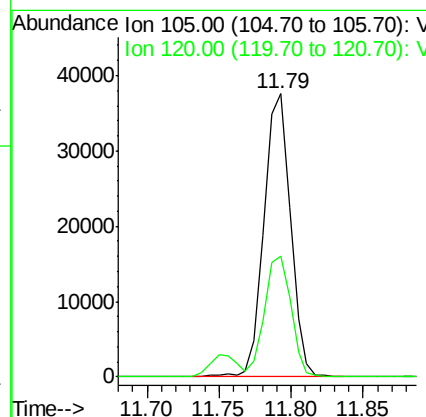
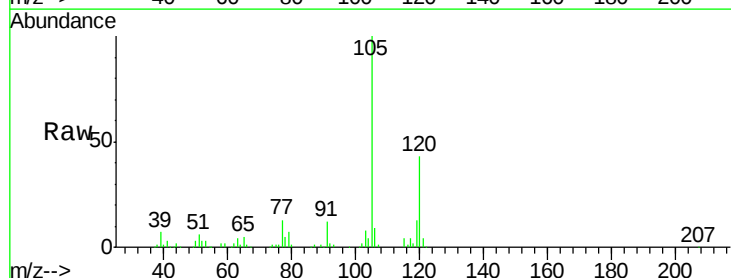
Manual Integrations
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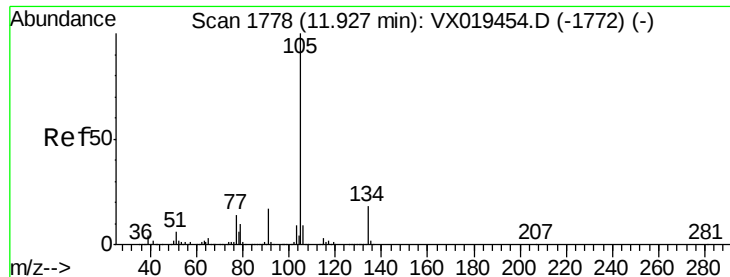
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#84
1,2,4-Trimethylbenzene
Concen: 5.043 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. 0.00 min
Lab File: VX019452.D
Acq: 18 Nov 2020 13:52

Tgt Ion	Ratio	Lower	Upper
105	100		
120	42.5	21.5	64.5





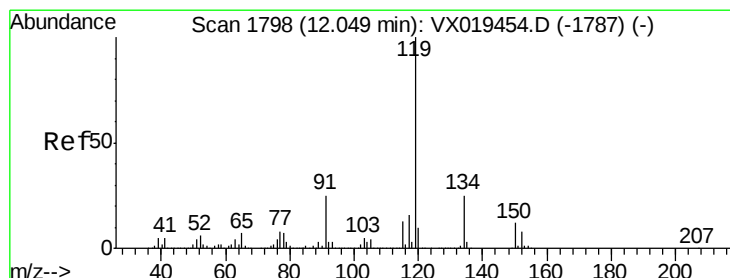
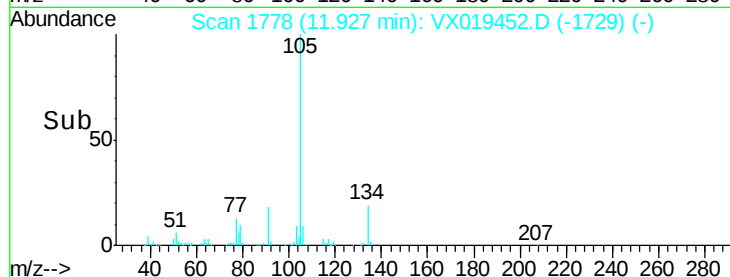
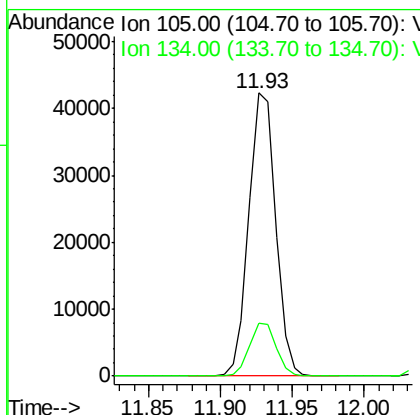
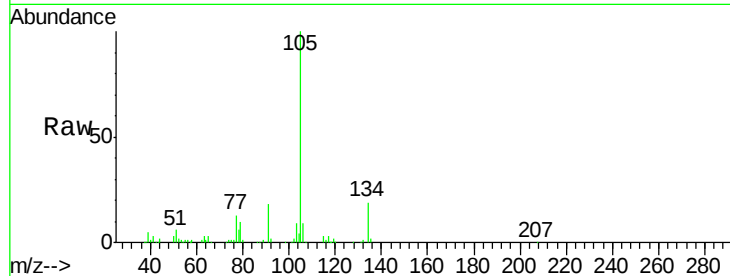
#85
 sec-Butylbenzene
 Concen: 5.080 ug/l
 RT: 11.93 min Scan# 1778
 Delta R.T. 0.00 min
 Lab File: VX019452.D
 Acq: 18 Nov 2020 13:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
105	100		
134	18.8	9.6	28.6

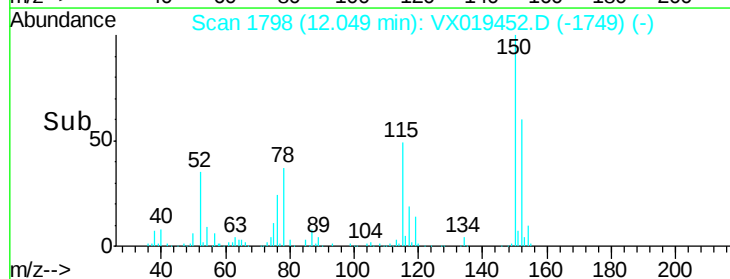
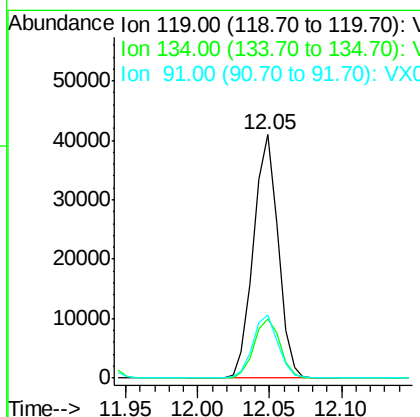
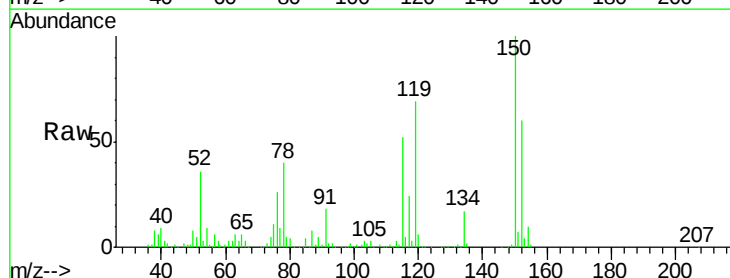
Manual Integrations
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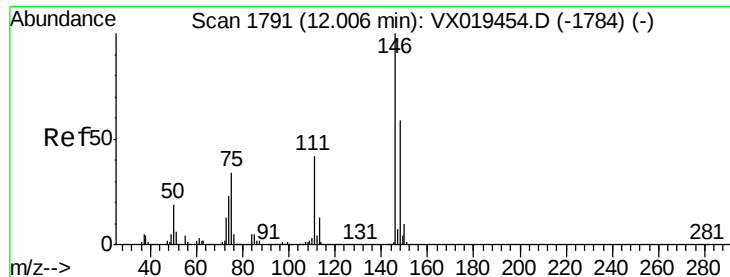
MMDadoda
 11/19/2020 11:57:59 AM



#86
 p-Isopropyltoluene
 Concen: 4.883 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. 0.00 min
 Lab File: VX019452.D
 Acq: 18 Nov 2020 13:52

Tgt Ion	Ratio	Lower	Upper
119	100		
134	25.6	12.8	38.3
91	26.7	12.6	37.6





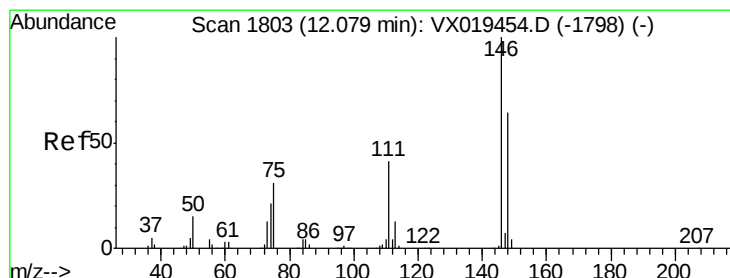
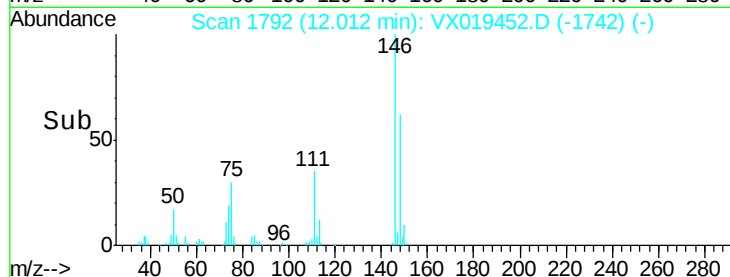
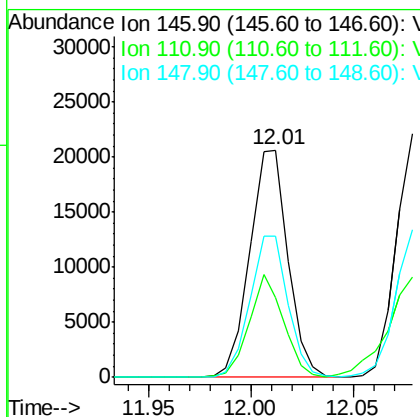
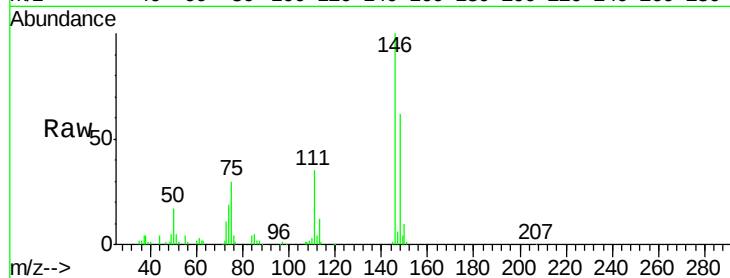
#87
 1,3-Dichlorobenzene
 Concen: 5.301 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. 0.01 min
 Lab File: VX019452.D
 Acq: 18 Nov 2020 13:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.4	21.1	63.4
148	62.1	31.1	93.3

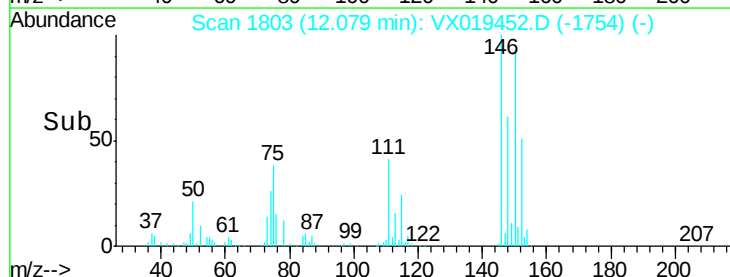
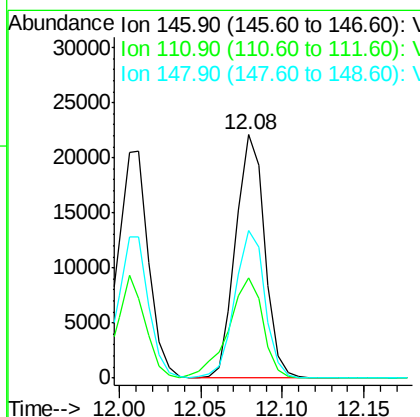
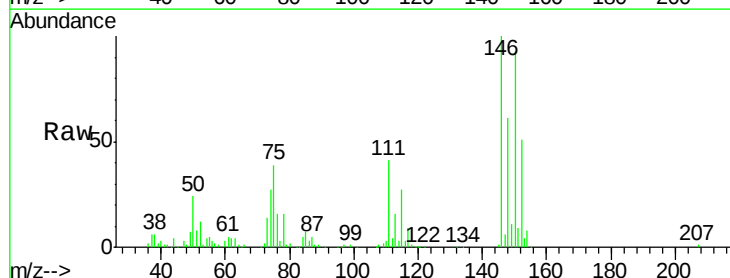
Manual Integrations
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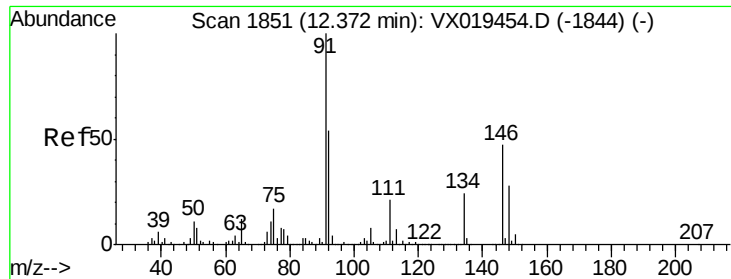
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#88
 1,4-Dichlorobenzene
 Concen: 5.194 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VX019452.D
 Acq: 18 Nov 2020 13:52

Tgt Ion	Ratio	Lower	Upper
146	100		
111	48.6	20.7	62.1
148	62.6	31.4	94.0





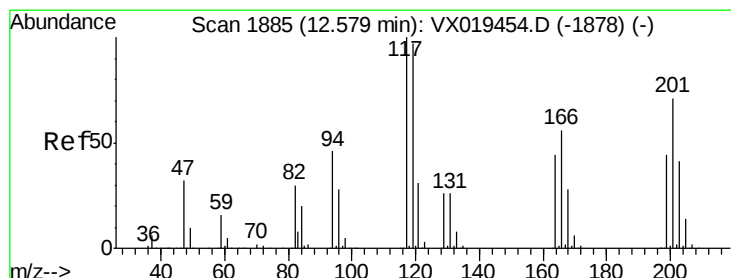
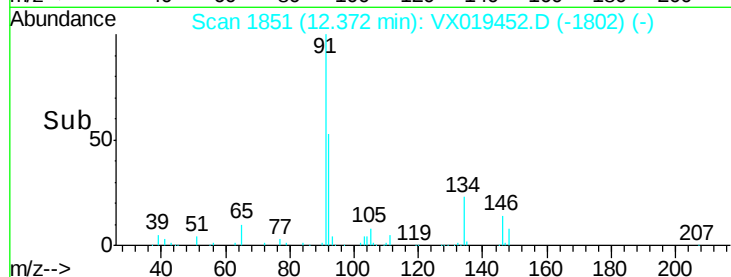
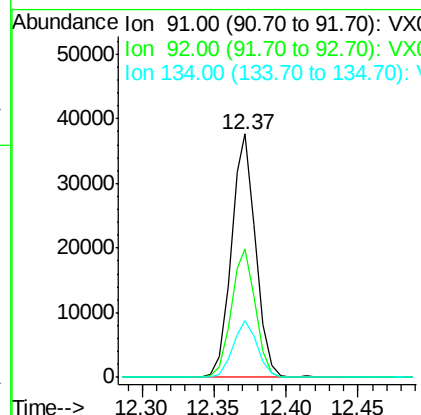
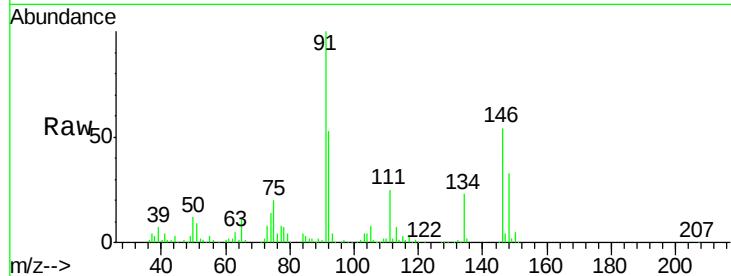
#89
n-Butylbenzene
Concen: 4.793 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX019452.D
Acq: 18 Nov 2020 13:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ion	Ratio	Lower	Upper
91	100			
92	52.3	27.0	81.0	
134	23.4	12.0	36.1	

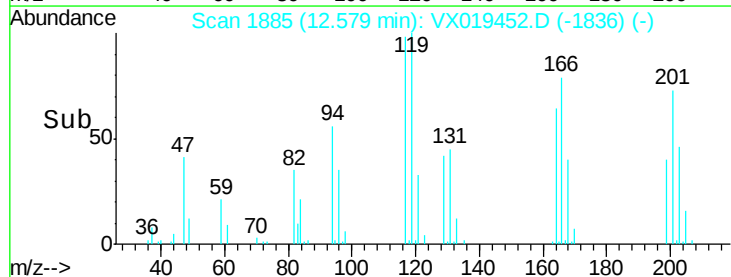
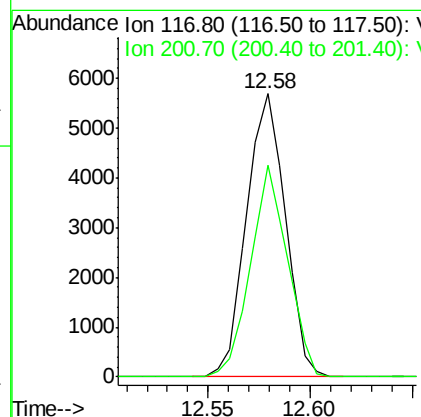
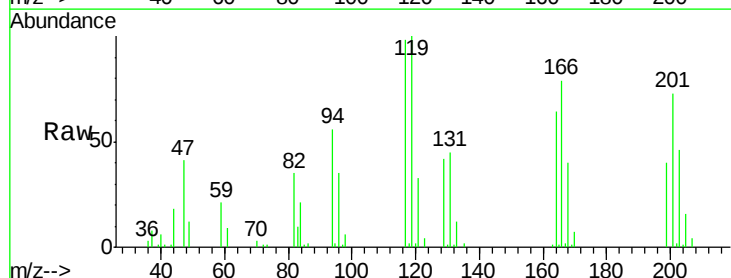
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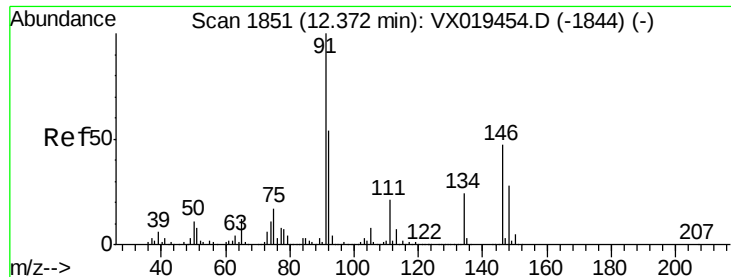
MMDadoda
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#90
Hexachloroethane
Concen: 4.538 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX019452.D
Acq: 18 Nov 2020 13:52

Tgt Ion	Ion	Ratio	Lower	Upper
117	100			
201	71.6	35.8	107.3	





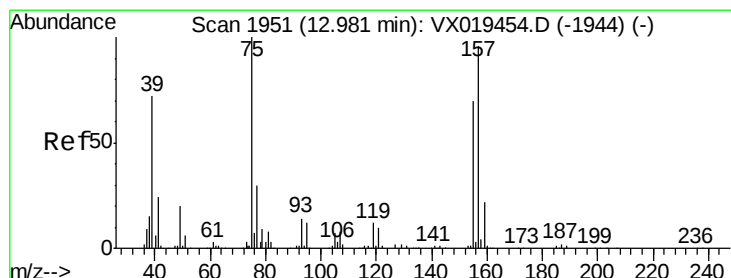
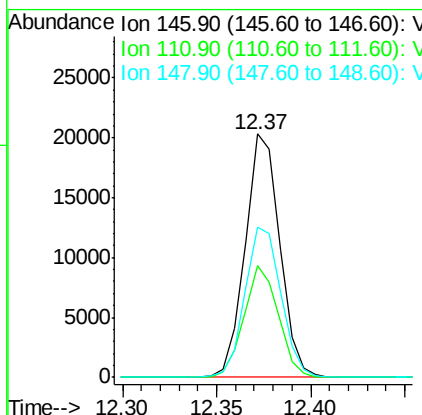
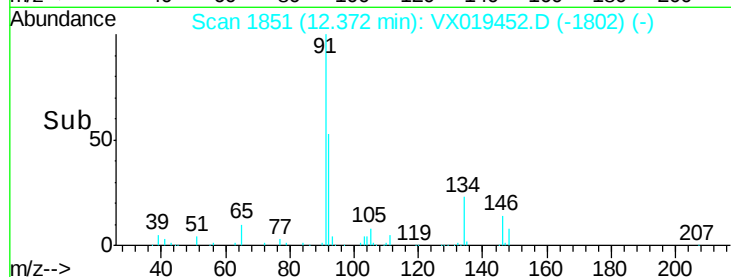
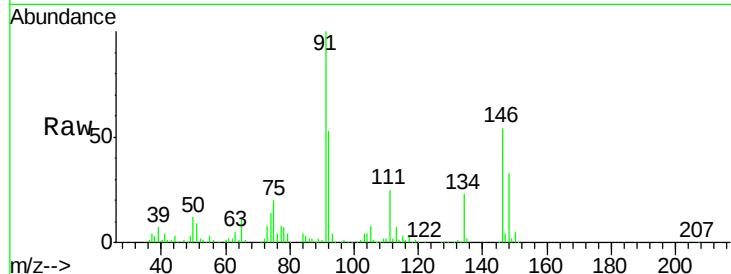
#91
 1,2-Dichlorobenzene
 Concen: 5.277 ug/l
 RT: 12.37 min Scan# 1851
 Delta R.T. 0.00 min
 Lab File: VX019452.D
 Acq: 18 Nov 2020 13:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
146	100		
111	45.5	22.1	66.3
148	64.3	31.2	93.6

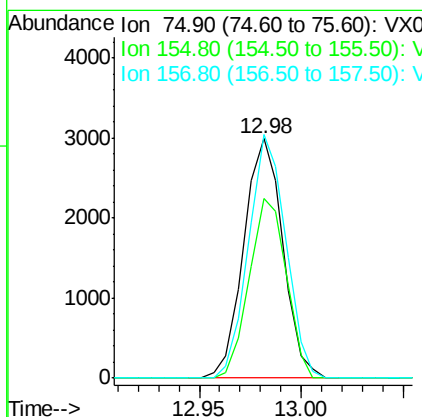
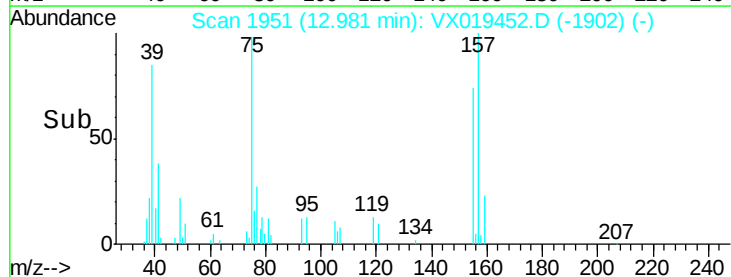
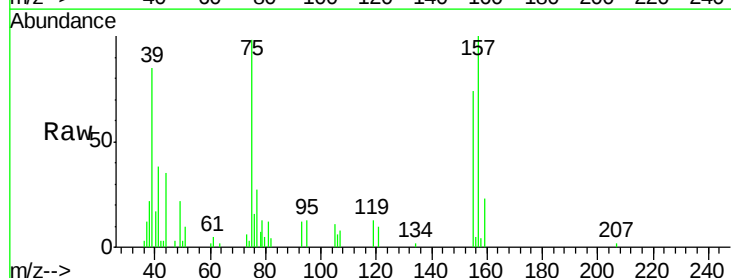
Manual Integrations
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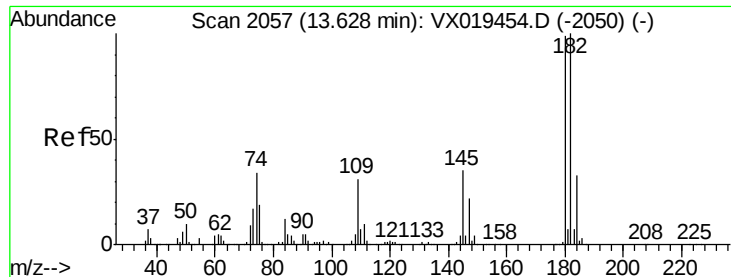
MMDadoda
 11/19/2020 11:57:59 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 4.680 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: VX019452.D
 Acq: 18 Nov 2020 13:52

Tgt Ion	Ratio	Lower	Upper
75	100		
155	71.1	36.4	109.1
157	97.3	47.9	143.8





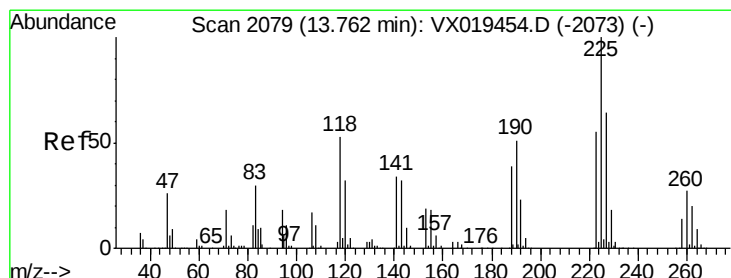
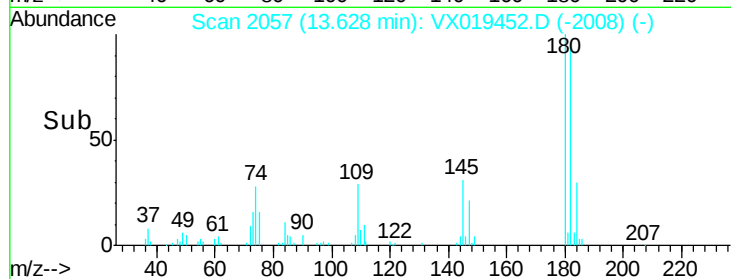
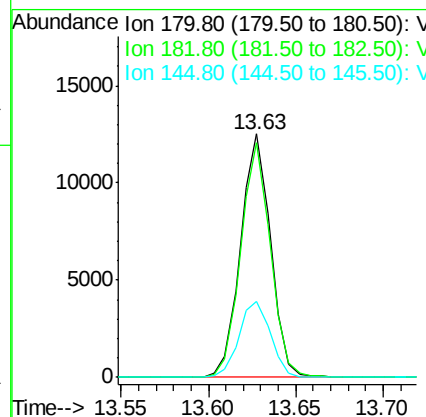
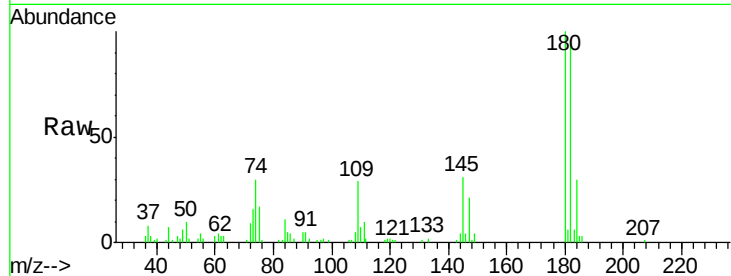
#93
 1,2,4-Trichlorobenzene
 Concen: 4.138 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX019452.D
 Acq: 18 Nov 2020 13:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion:	180	Resp:	14895
Ion Ratio	Lower	Upper	
180	100		
182	95.4	48.1	144.4
145	32.8	16.9	50.6

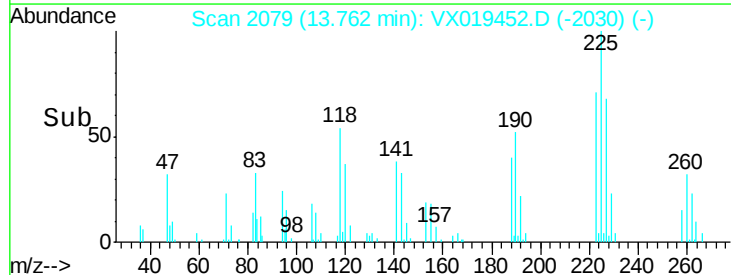
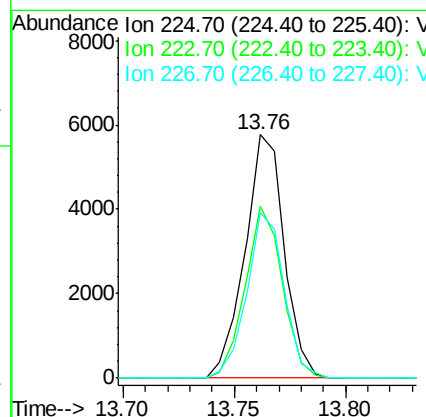
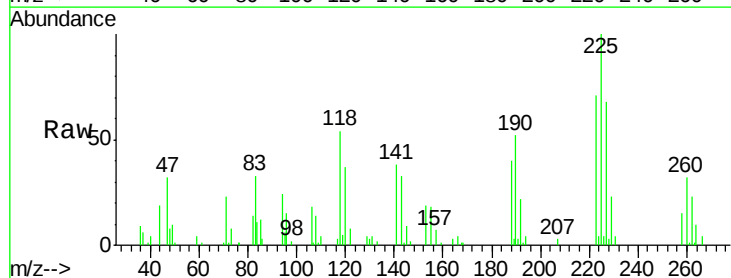
Manual Integrations
 APPROVED

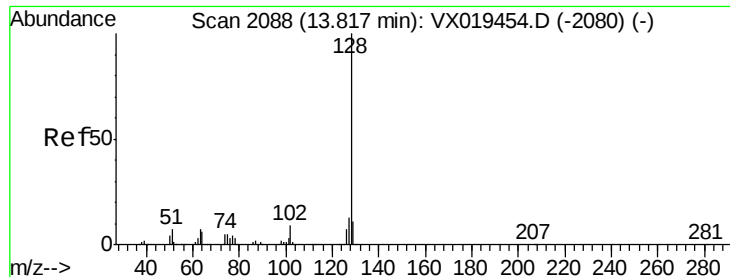
MMDadoda
 11/19/2020 11:57:59 AM



#94
 Hexachlorobutadiene
 Concen: 4.468 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. 0.00 min
 Lab File: VX019452.D
 Acq: 18 Nov 2020 13:52

Tgt Ion:	225	Resp:	7104
Ion Ratio	Lower	Upper	
225	100		
223	66.5	29.9	89.8
227	64.5	32.6	98.0





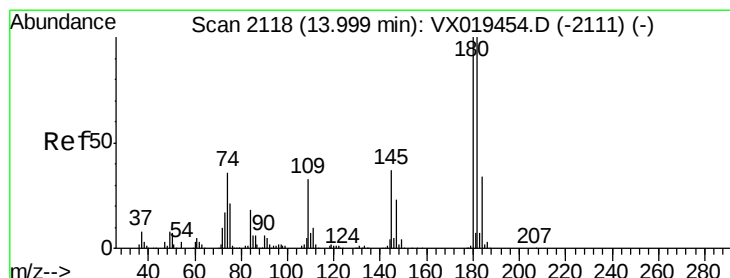
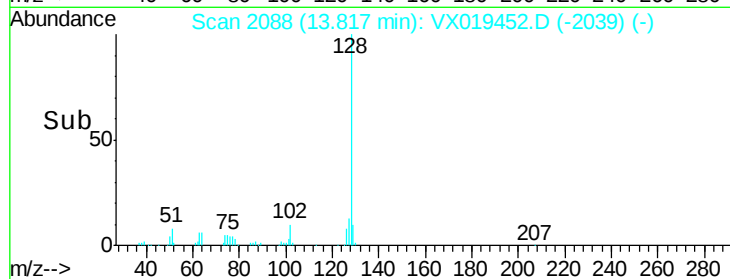
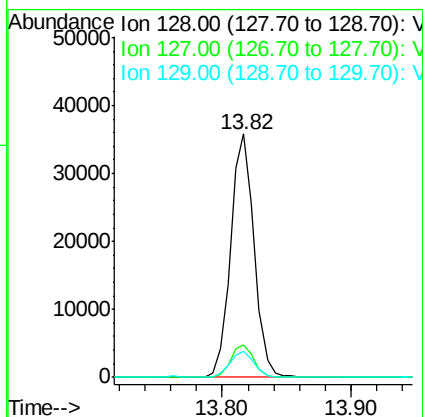
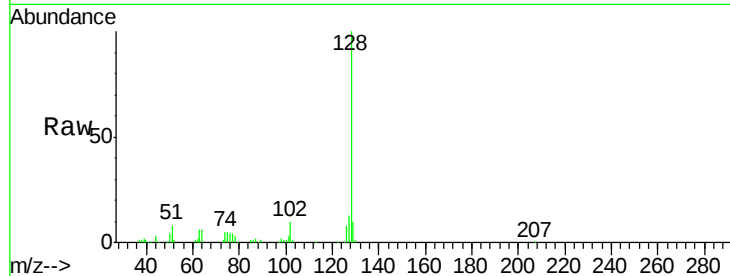
#95
Naphthalene
Concen: 3.958 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX019452.D
Acq: 18 Nov 2020 13:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.2	15.2
129	10.8	8.8	13.2

Manual Integrations
APPROVED

MMDadoda
11/19/2020 11:57:59 AM



#96
1,2,3-Trichlorobenzene
Concen: 4.246 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. 0.00 min
Lab File: VX019452.D
Acq: 18 Nov 2020 13:52

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.7	49.0	147.0
145	35.1	17.6	52.8

