

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102120\
 Data File : VX019007.D
 Acq On : 21 Oct 2020 18:23
 Operator : JC/SP
 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Manual Integrations
 APPROVED

MMDadoda
 10/22/2020 1:21:48 PM

Quant Time: Oct 22 01:35:23 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102120W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 22 01:25:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	250190	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	422814	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	383237	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	187450	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.04	65	17044	4.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.92%	
35) Dibromofluoromethane	5.46	113	14137	4.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.80%	
50) Toluene-d8	8.70	98	54670	5.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.36%	
62) 4-Bromofluorobenzene	11.12	95	19583	4.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.50%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.18	85	11707	4.918	ug/l 97
3) Chloromethane	1.31	50	12545	4.579	ug/l 94
4) Vinyl Chloride	1.39	62	15134	5.137	ug/l 99
5) Bromomethane	1.64	94	19799	10.012	ug/l 97
6) Chloroethane	1.71	64	12177	7.032	ug/l 99
7) Trichlorofluoromethane	1.92	101	26664	5.855	ug/l 100
8) Diethyl Ether	2.17	74	10677	6.535	ug/l 100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	12649	5.310	ug/l 98
10) Methyl Iodide	2.49	142	10371	3.939	ug/l 97
11) Tert butyl alcohol	3.04	59	16100	26.374	ug/l 97
12) 1,1-Dichloroethene	2.35	96	13087	5.419	ug/l 93
13) Acrolein	2.28	56	8040	22.579	ug/l 99
14) Allyl chloride	2.71	41	16595	3.740	ug/l 98
15) Acrylonitrile	3.12	53	30916	21.901	ug/l 97
16) Acetone	2.43	43	27219	20.976	ug/l 97
17) Carbon Disulfide	2.55	76	36069	5.038	ug/l 100
18) Methyl Acetate	2.75	43	12959	4.028	ug/l 99
19) Methyl tert-butyl Ether	3.17	73	41625	4.991	ug/l 99
20) Methylene Chloride	2.84	84	14875	5.006	ug/l 97
21) trans-1,2-Dichloroethene	3.14	96	14844	5.262	ug/l 98
22) Diisopropyl ether	3.82	45	33293	3.974	ug/l 93
23) Vinyl Acetate	3.78	43	156974	21.033	ug/l 99
24) 1,1-Dichloroethane	3.67	63	24728	4.935	ug/l 98
25) 2-Butanone	4.64	43	43241	21.372	ug/l 98
26) 2,2-Dichloropropane	4.55	77	23060	4.971	ug/l 99
27) cis-1,2-Dichloroethene	4.56	96	17651	5.570	ug/l 96
28) Bromochloromethane	4.98	49	10143	4.411	ug/l 99
29) Tetrahydrofuran	5.09	42	25454	20.232	ug/l 99
30) Chloroform	5.18	83	25802	5.022	ug/l 99
31) Cyclohexane	5.54	56	18740	4.546	ug/l 97
32) 1,1,1-Trichloroethane	5.46	97	23539	4.913	ug/l 99
36) 1,1-Dichloropropene	5.77	75	20063	4.963	ug/l 98
37) Ethyl Acetate	4.79	43	16887	4.036	ug/l 99
38) Carbon Tetrachloride	5.75	117	20132	4.539	ug/l 94

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Manual Integrations
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 Quant Title : SW846 8260
 QLast Update : Thu Oct 22 01:25:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	21875	4.817	ug/l	97
40) Benzene	6.11	78	58928	5.042	ug/l	99
41) Methacrylonitrile	5.01	41	9553	4.122	ug/l	96
42) 1,2-Dichloroethane	6.16	62	20243	4.536	ug/l	100
43) Isopropyl Acetate	6.41	43	28966	4.155	ug/l	99
44) Trichloroethene	7.19	130	17111	5.060	ug/l	100
45) 1,2-Dichloropropane	7.49	63	14031	4.451	ug/l	97
46) Dibromomethane	7.63	93	10482	4.793	ug/l	99
47) Bromodichloromethane	7.88	83	20593	4.677	ug/l	95
48) Methyl methacrylate	7.74	41	13636	4.046	ug/l	98
49) 1,4-Dioxane	7.74	88	6673	112.758	ug/l #	93
51) 4-Methyl-2-Pentanone	8.62	43	85142	20.554	ug/l	100
52) Toluene	8.76	92	38127	5.138	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	22482	4.498	ug/l	97
54) cis-1,3-Dichloropropene	8.41	75	24785	4.808	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	15855	5.179	ug/l	96
56) Ethyl methacrylate	9.16	69	22056	4.895	ug/l	98
57) 1,3-Dichloropropane	9.35	76	25498	4.987	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	59915	25.125	ug/l	99
59) 2-Hexanone	9.48	43	64600	20.596	ug/l	99
60) Dibromochloromethane	9.57	129	16173	4.471	ug/l	98
61) 1,2-Dibromoethane	9.65	107	16761	5.146	ug/l	96
64) Tetrachloroethene	9.32	164	15462	5.174	ug/l	95
65) Chlorobenzene	10.12	112	42901	5.418	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	14627	4.667	ug/l	98
67) Ethyl Benzene	10.24	91	73733	5.407	ug/l	97
68) m/p-Xylenes	10.34	106	55362	10.653	ug/l	98
69) o-Xylene	10.68	106	26919	5.475	ug/l	99
70) Styrene	10.69	104	44855	5.320	ug/l	98
71) Bromoform	10.84	173	11167	4.286	ug/l #	98
73) Isopropylbenzene	11.00	105	72388	5.704	ug/l	100
74) N-amyl acetate	10.88	43	23113	4.270	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.25	83	22175	5.343	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	20360m	5.202	ug/l	
77) Bromobenzene	11.24	156	17732	5.124	ug/l	98
78) n-propylbenzene	11.34	91	81883	5.553	ug/l	99
79) 2-Chlorotoluene	11.40	91	47656	5.367	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	58722	5.449	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.06	75	7384	4.829	ug/l	91
82) 4-Chlorotoluene	11.49	91	56143	5.320	ug/l	100
83) tert-Butylbenzene	11.76	119	57550	5.480	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	59012	5.450	ug/l	100
85) sec-Butylbenzene	11.93	105	71117	5.718	ug/l	100
86) p-Isopropyltoluene	12.05	119	62836	5.521	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	32946	5.306	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	34463	5.467	ug/l	96
89) n-Butylbenzene	12.37	91	59898	5.696	ug/l	97
90) Hexachloroethane	12.58	117	9372	4.241	ug/l	97
91) 1,2-Dichlorobenzene	12.38	146	31739	5.438	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	4741	4.806	ug/l	94

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ALS Vial : 12 Sample Multiplier: 1

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MSVOA_X
ClientSampleId :
VSTDICC005

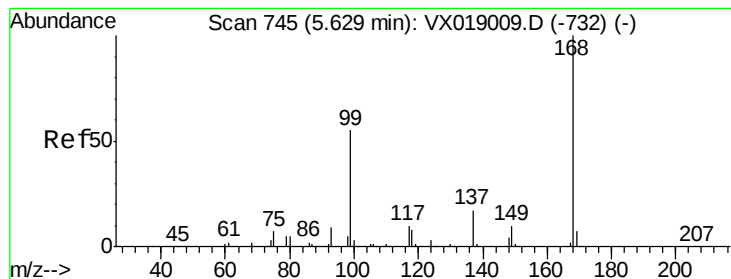
Manual Integrations
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10/22/2020 1:21:48 PM

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102120W.M
Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	21338	5.223	ug/l	96
94) Hexachlorobutadiene	13.77	225	9819	5.663	ug/l	98
95) Naphthalene	13.82	128	66725	5.399	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	20695	5.301	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

Lab File: VX019007.D

Acq: 21 Oct 2020 18:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion:168 Resp: 250190

Ion Ratio Lower Upper

168 100

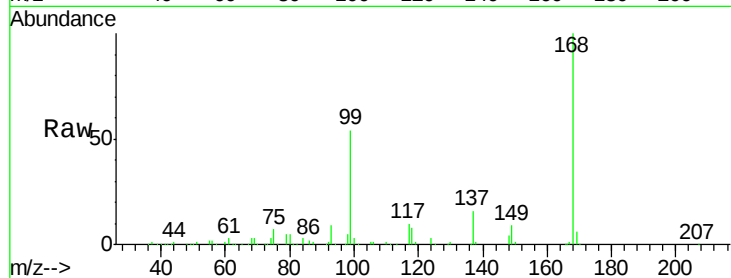
99 54.2 44.2 66.2

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

80000

60000

40000

20000

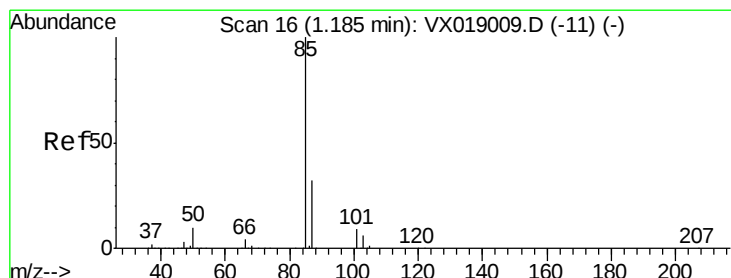
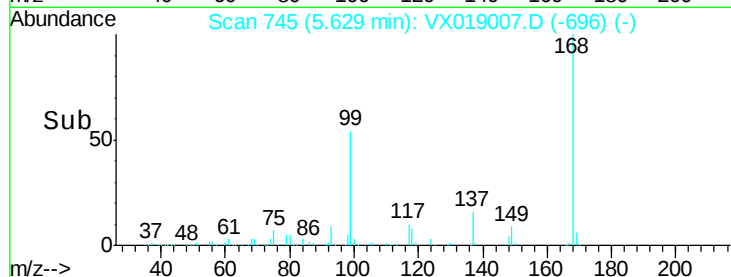
0

5.50

5.60

5.70

Time-->



#2

Dichlorodifluoromethane

Concen: 4.918 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX019007.D

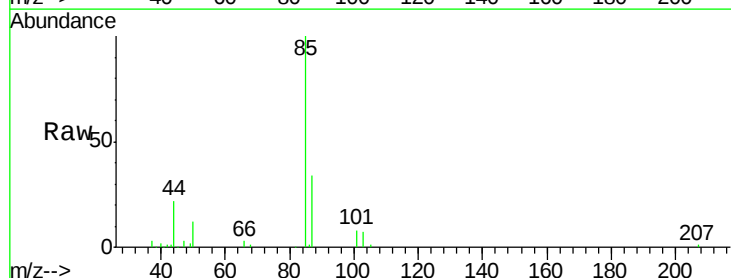
Acq: 21 Oct 2020 18:23

Tgt Ion: 85 Resp: 11707

Ion Ratio Lower Upper

85 100

87 33.9 16.2 48.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

15000

10000

5000

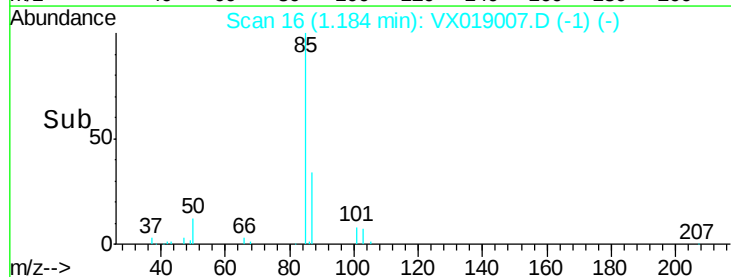
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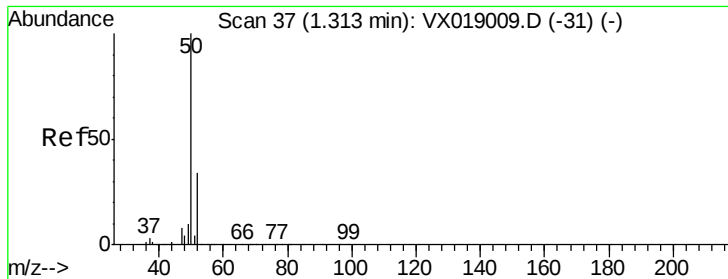
1.15

1.20

1.25

Time-->





#3

Chloromethane

Concen: 4.579 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX019007.D

Acq: 21 Oct 2020 18:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 50 Resp: 12545

Ion Ratio Lower Upper

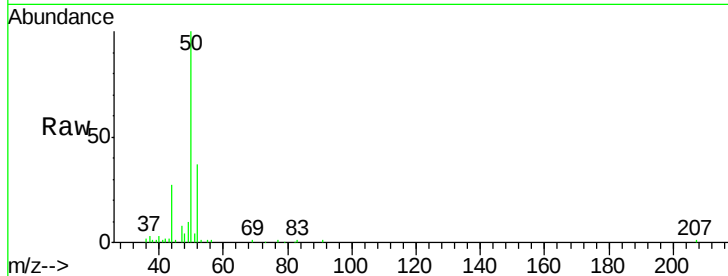
50 100

52 37.2 27.0 40.6

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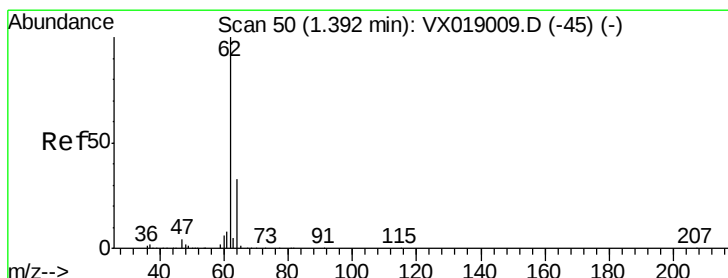
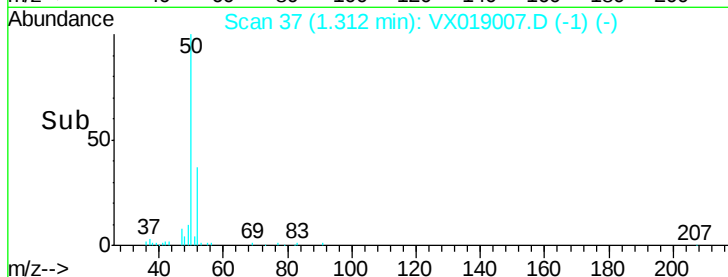
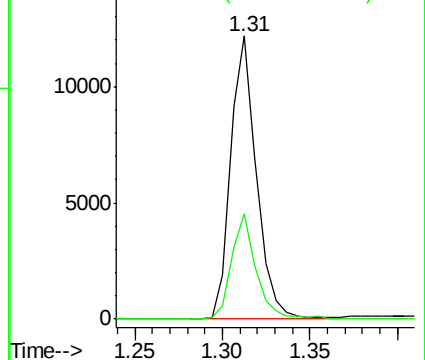
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 5.137 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX019007.D

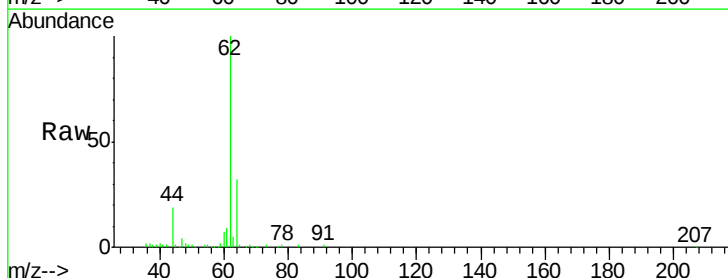
Acq: 21 Oct 2020 18:23

Tgt Ion: 62 Resp: 15134

Ion Ratio Lower Upper

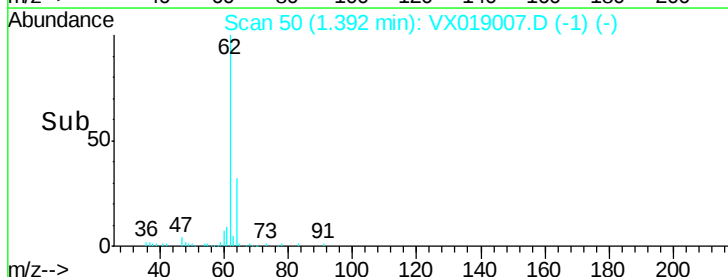
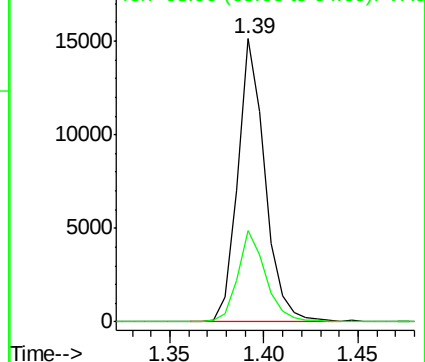
62 100

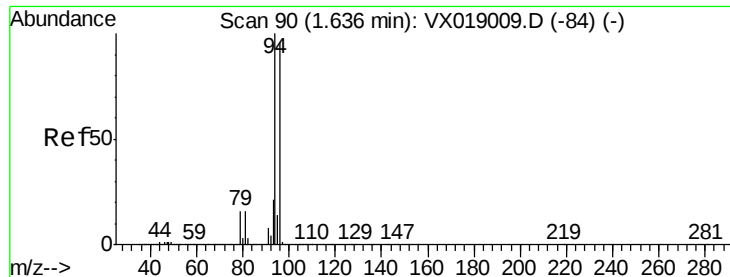
64 32.4 26.5 39.7



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 10.012 ug/l

RT: 1.64 min Scan# 90

Delta R.T. -0.00 min

Lab File: VX019007.D

Acq: 21 Oct 2020 18:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 94 Resp: 19799

Ion Ratio Lower Upper

94 100

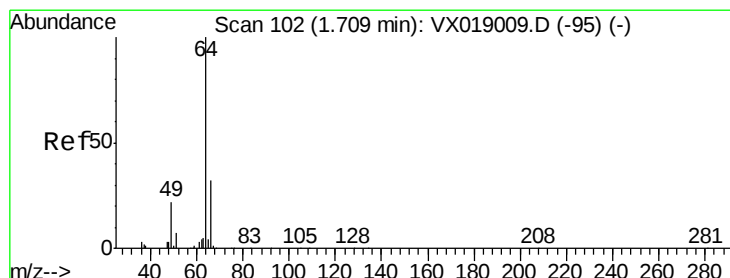
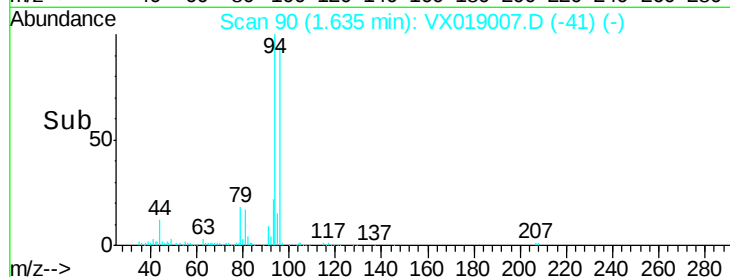
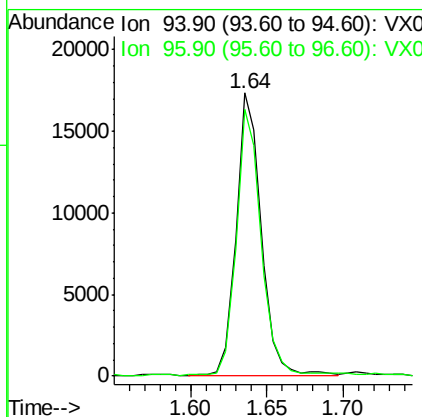
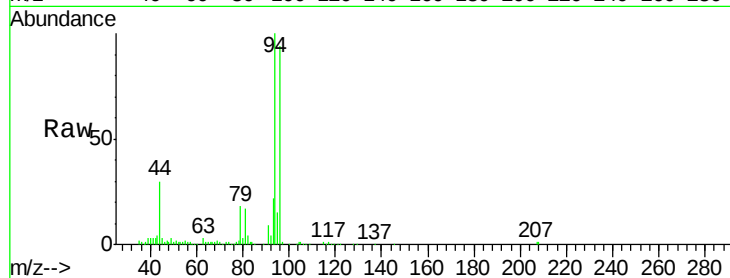
96 93.9 77.1 115.7

Manual Integrations

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#6

Chloroethane

Concen: 7.032 ug/l

RT: 1.71 min Scan# 102

Delta R.T. -0.00 min

Lab File: VX019007.D

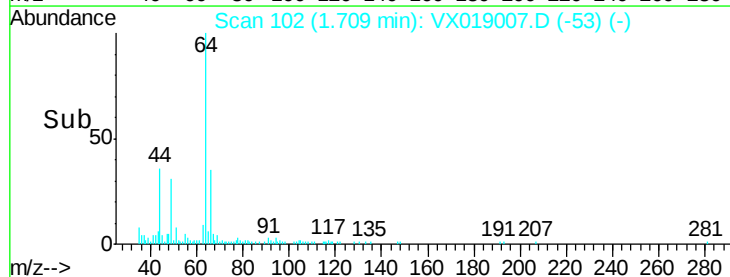
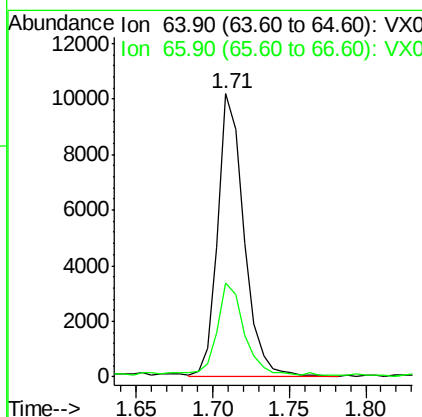
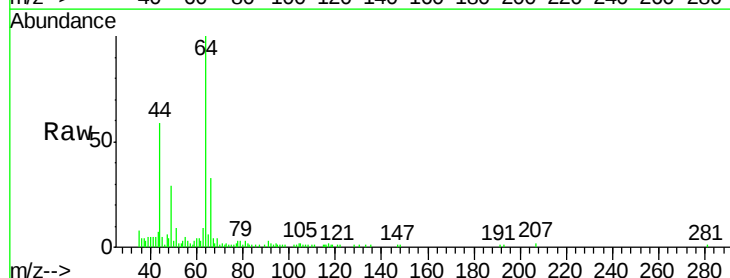
Acq: 21 Oct 2020 18:23

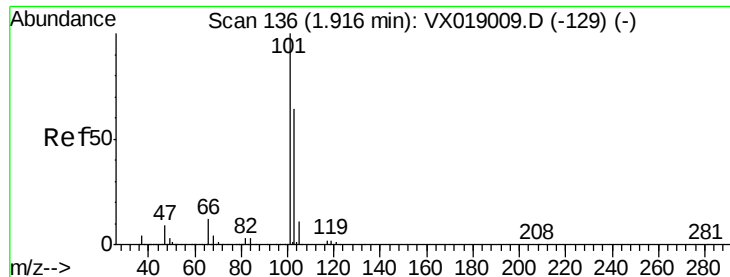
Tgt Ion: 64 Resp: 12177

Ion Ratio Lower Upper

64 100

66 32.4 25.7 38.5





#7

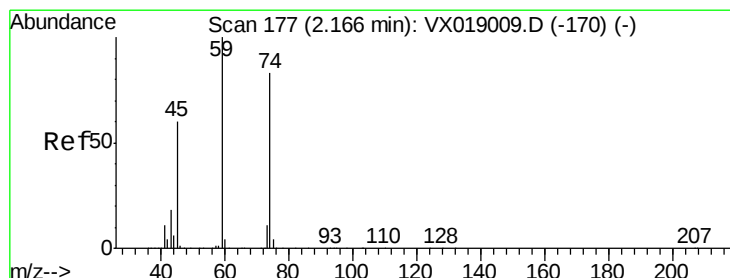
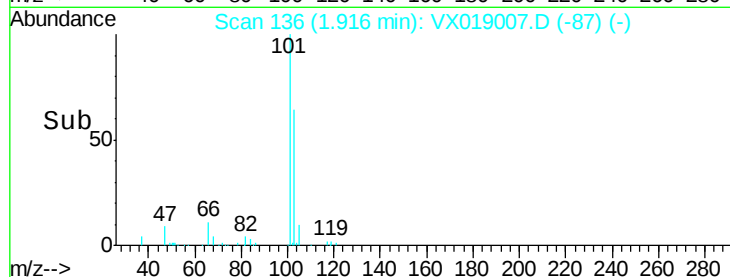
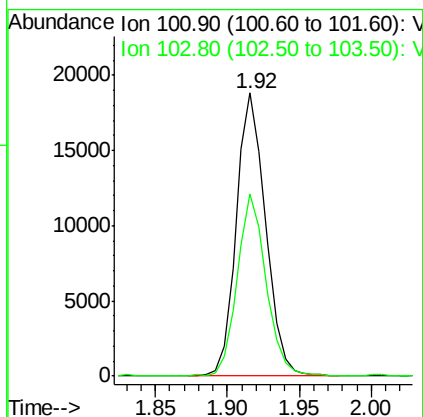
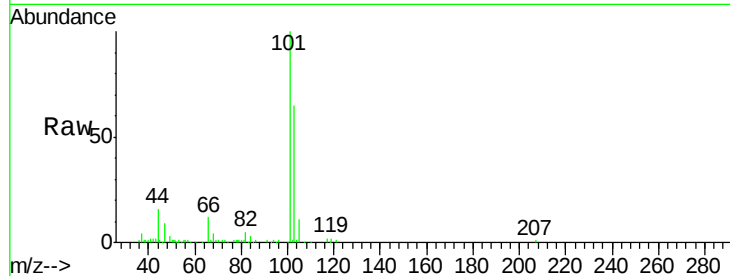
Trichlorofluoromethane
Concen: 5.855 ug/l
RT: 1.92 min Scan# 136
Delta R.T. -0.00 min
Lab File: VX019007.D
Acq: 21 Oct 2020 18:23

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MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.2	51.2	76.8

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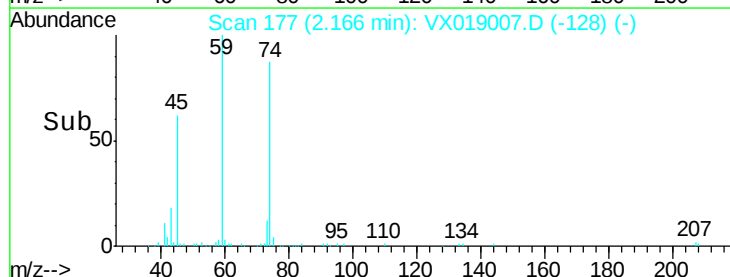
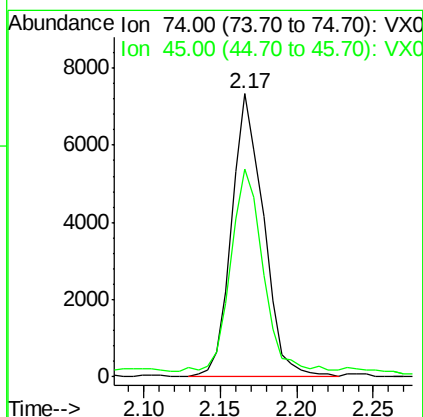
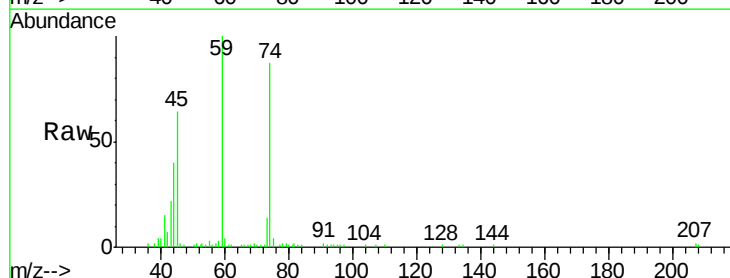
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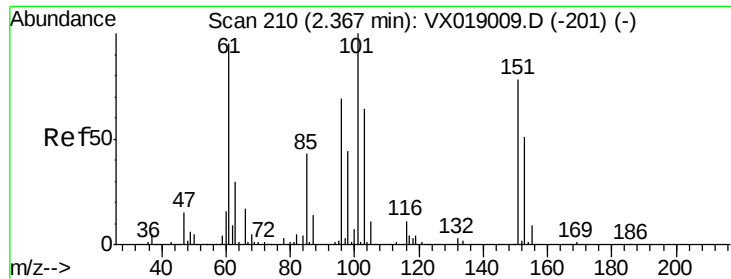


#8

Diethyl Ether
Concen: 6.535 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX019007.D
Acq: 21 Oct 2020 18:23

Tgt Ion	Ratio	Lower	Upper
74	100		
45	73.2	36.8	110.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 5.310 ug/l

RT: 2.37 min Scan# 210

Delta R.T. -0.00 min

Lab File: VX019007.D

Acq: 21 Oct 2020 18:23

Instrument :

MSVOA_X

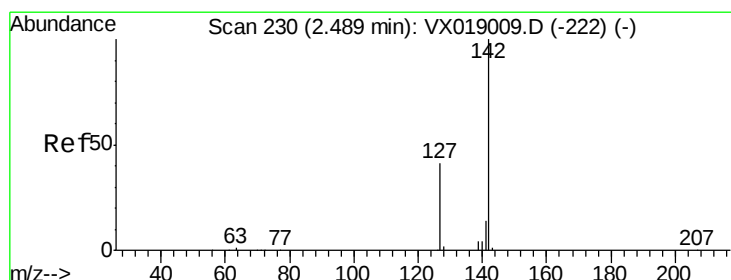
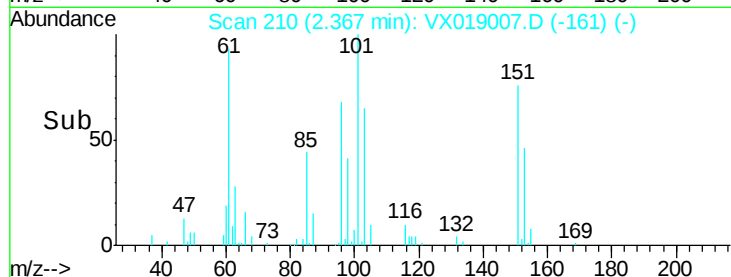
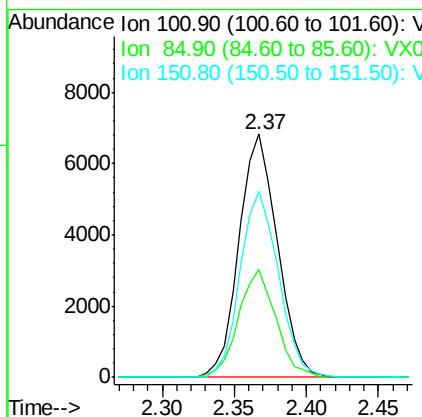
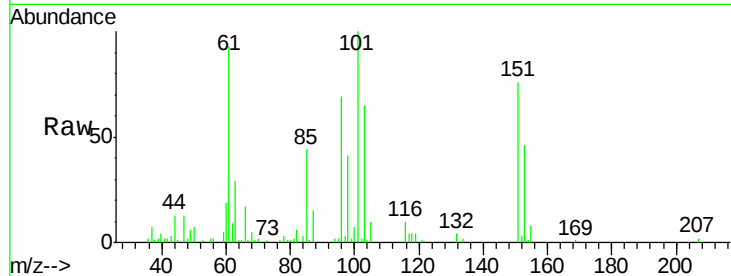
ClientSampleId :

VSTDIC005

Tot Ion:	101	Resp:	12649
Ion Ratio	Lower	Upper	
101	100		
85	42.9	35.2	52.8
151	76.3	62.4	93.6

Manual Integrations
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#10

Methyl Iodide

Concen: 3.939 ug/l

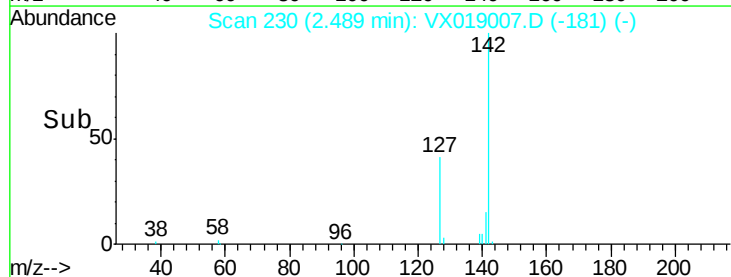
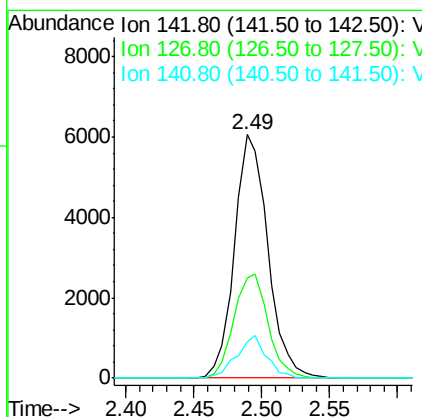
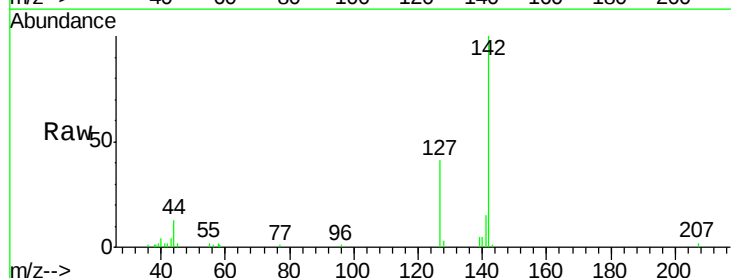
RT: 2.49 min Scan# 230

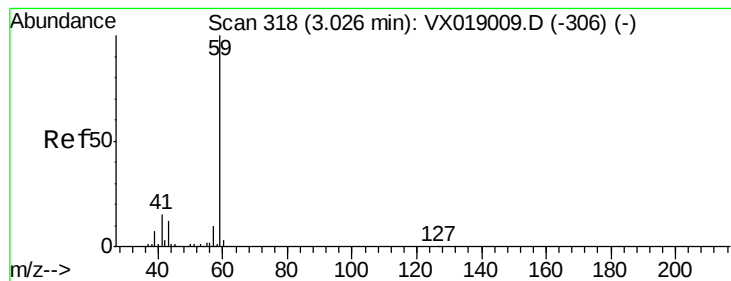
Delta R.T. -0.00 min

Lab File: VX019007.D

Acq: 21 Oct 2020 18:23

Tgt Ion:	142	Resp:	10371
Ion Ratio	Lower	Upper	
142	100		
127	43.7	33.6	50.4
141	15.7	11.2	16.8





#11

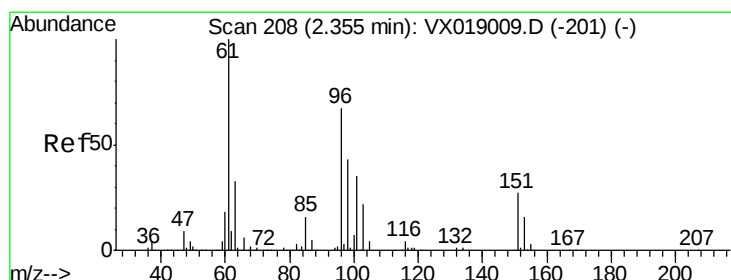
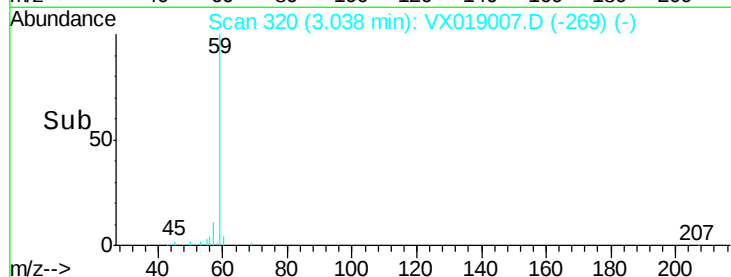
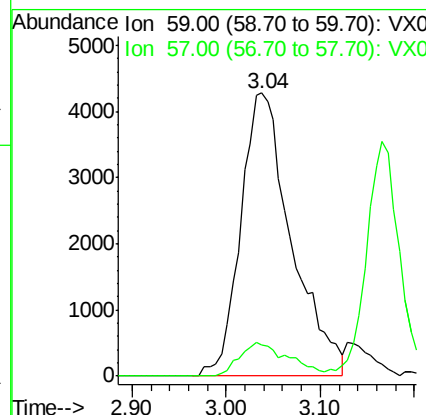
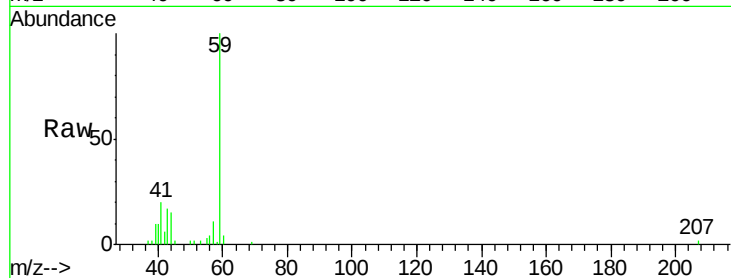
Tert butyl alcohol
Concen: 26.374 ug/l
RT: 3.04 min Scan# 320
Delta R.T. 0.01 min
Lab File: VX019007.D
Acq: 21 Oct 2020 18:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	59.00 (58.70 to 59.70): VX0	Resp	16100
Ion	Ratio	Lower	Upper
59	100		
57	11.5	8.2	12.2

Manual Integrations
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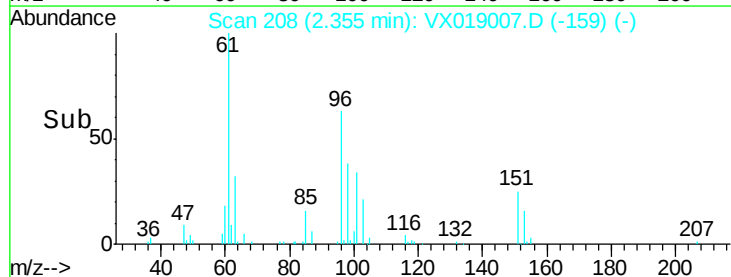
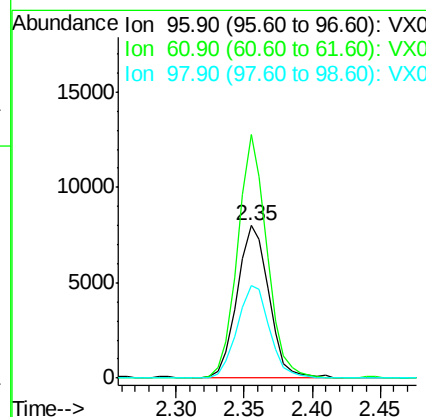
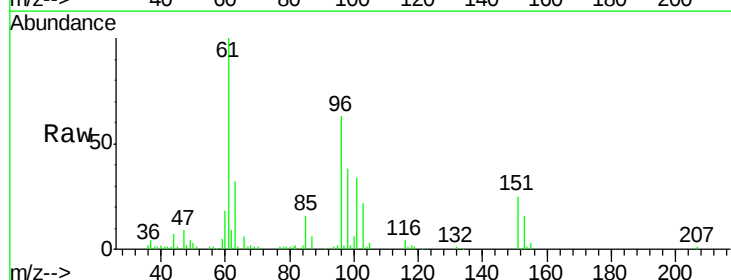
MMDadoda
10/22/2020 1:21:48 PM

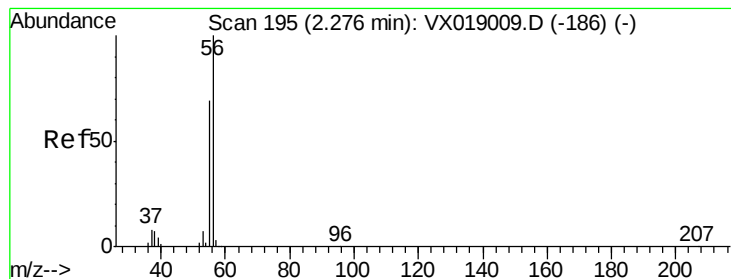


#12

1,1-Dichloroethene
Concen: 5.419 ug/l
RT: 2.35 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX019007.D
Acq: 21 Oct 2020 18:23

Tgt Ion	96	Resp	13087
Ion	Ratio	Lower	Upper
96	100		
61	159.5	119.0	178.6
98	60.5	51.0	76.4





#13

Acrolein

Concen: 22.579 ug/l

RT: 2.28 min Scan# 195

Delta R.T. -0.00 min

Lab File: VX019007.D

Acq: 21 Oct 2020 18:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 56 Resp: 8040

Ion Ratio Lower Upper

56 100

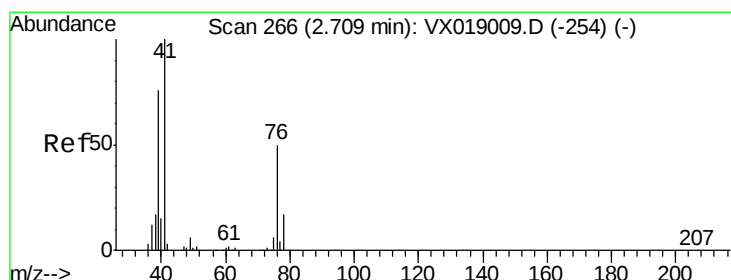
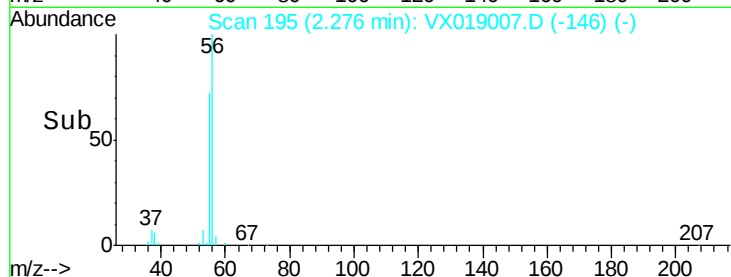
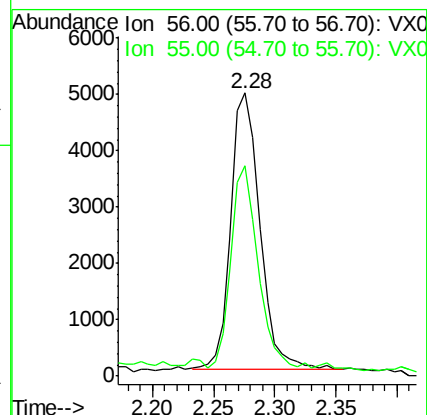
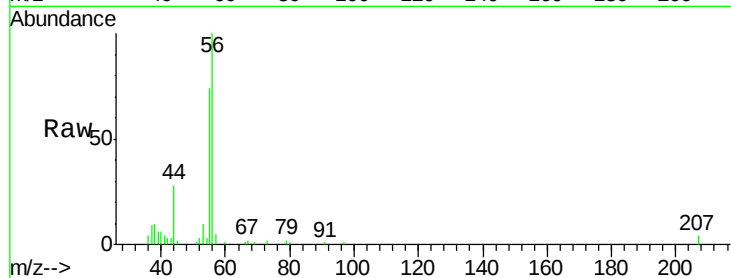
55 67.4 54.2 81.4

Manual Integrations

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#14

Allyl chloride

Concen: 3.740 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX019007.D

Acq: 21 Oct 2020 18:23

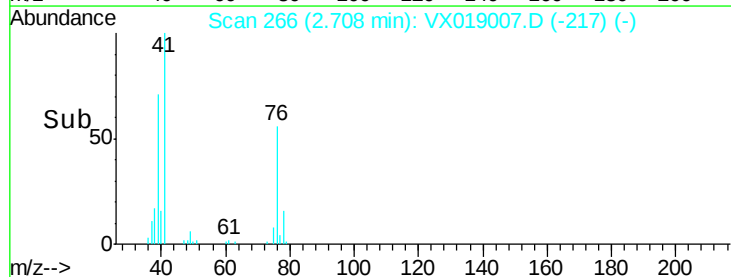
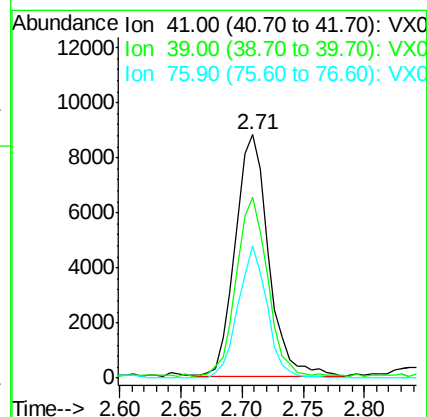
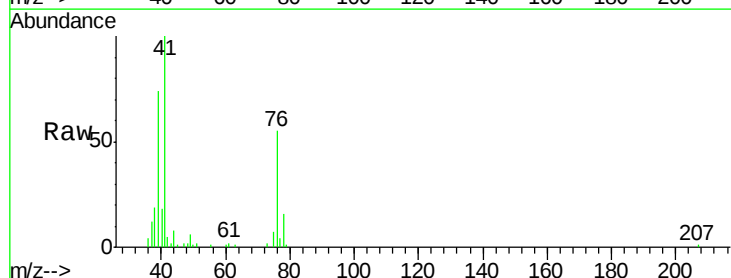
Tgt Ion: 41 Resp: 16595

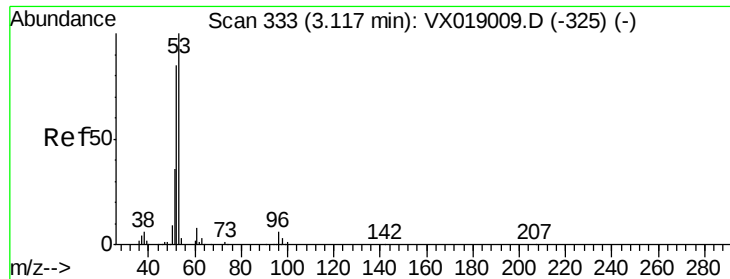
Ion Ratio Lower Upper

41 100

39 69.5 57.4 86.0

76 47.4 37.7 56.5





#15

Acrylonitrile

Concen: 21.901 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX019007.D

Acq: 21 Oct 2020 18:23

Instrument :

MSVOA_X

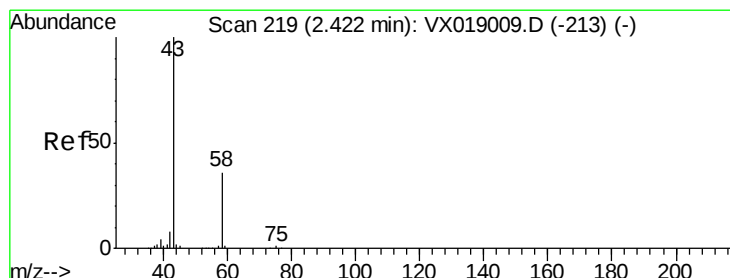
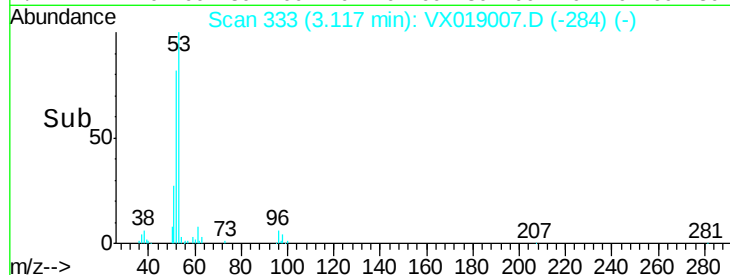
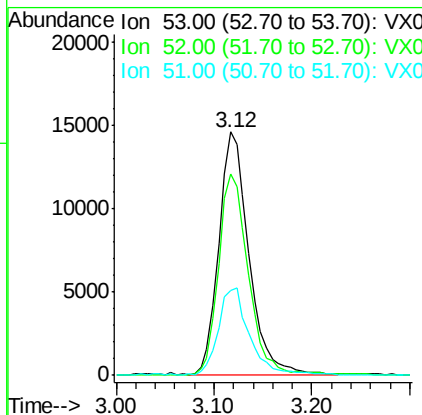
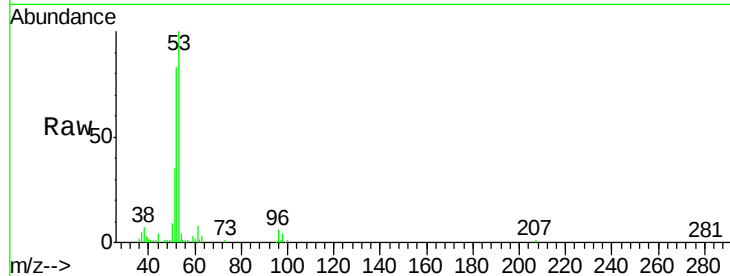
ClientSampleId :

VSTDIC005

Tot Ion:	53	Resp:	30916
Ion	Ratio	Lower	Upper
53	100		
52	84.0	65.9	98.9
51	38.0	28.3	42.5

Manual Integrations
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#16

Acetone

Concen: 20.976 ug/l

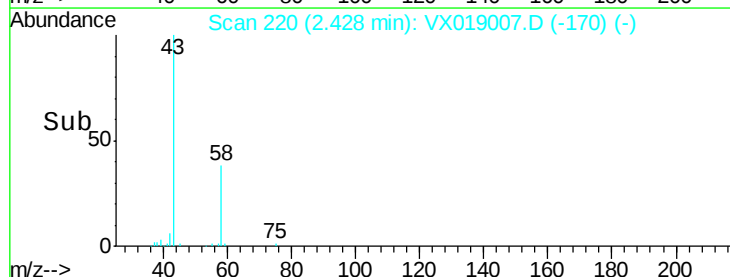
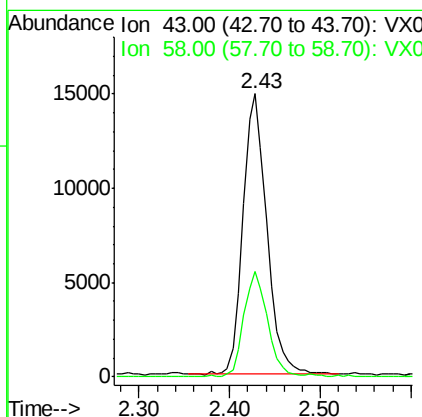
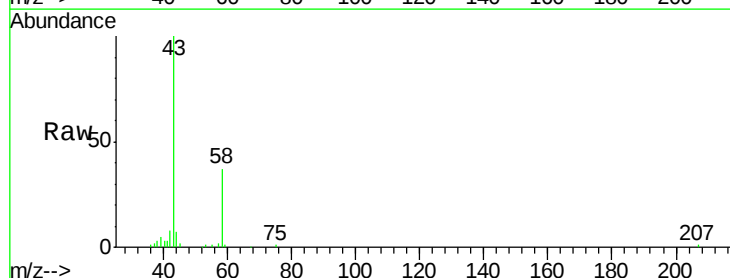
RT: 2.43 min Scan# 220

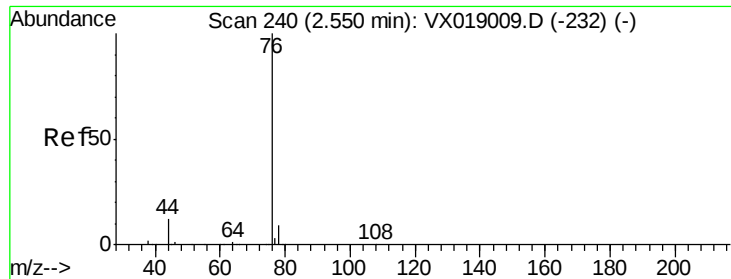
Delta R.T. 0.01 min

Lab File: VX019007.D

Acq: 21 Oct 2020 18:23

Tgt Ion:	43	Resp:	27219
Ion	Ratio	Lower	Upper
43	100		
58	37.5	28.6	42.8





#17

Carbon Disulfide

Concen: 5.038 ug/l

RT: 2.55 min Scan# 240

Delta R.T. -0.00 min

Lab File: VX019007.D

Acq: 21 Oct 2020 18:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 76 Resp: 36069

Ion Ratio Lower Upper

76 100

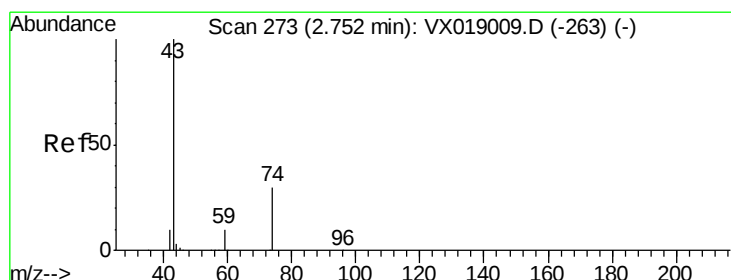
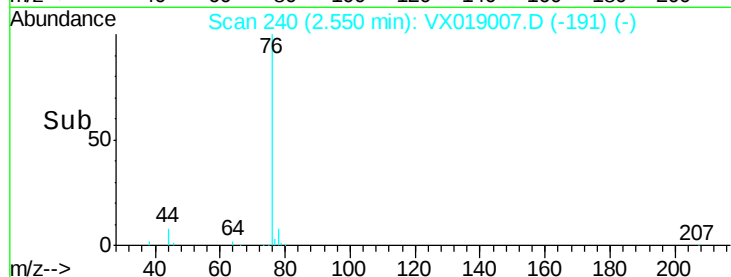
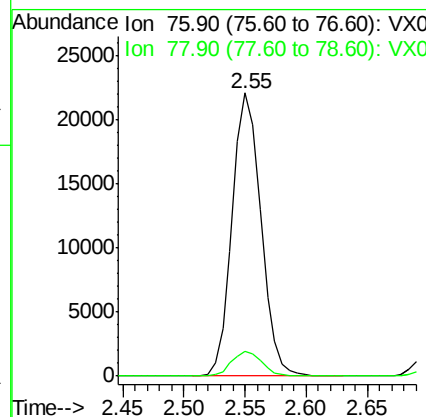
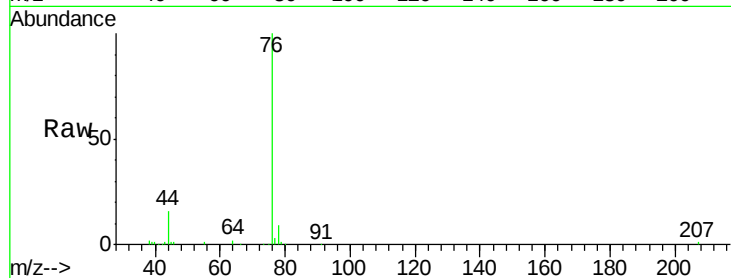
78 8.7 7.1 10.7

Manual Integrations

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#18

Methyl Acetate

Concen: 4.028 ug/l

RT: 2.75 min Scan# 273

Delta R.T. -0.00 min

Lab File: VX019007.D

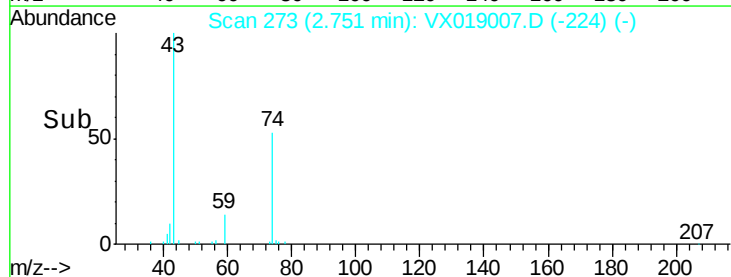
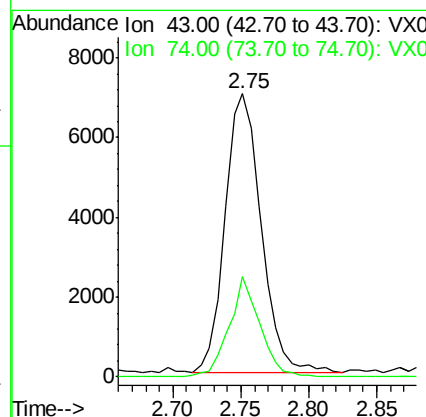
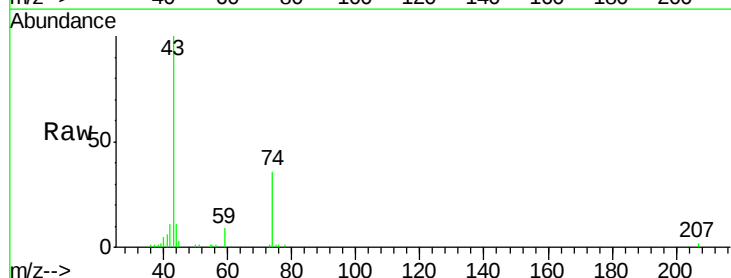
Acq: 21 Oct 2020 18:23

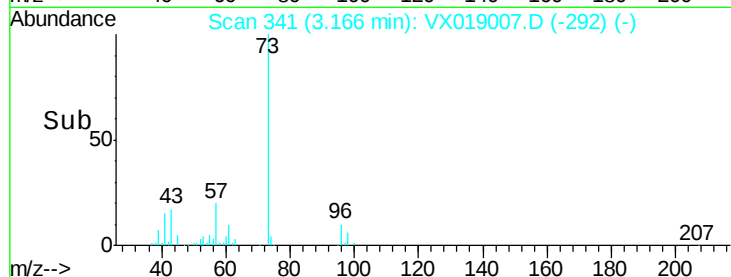
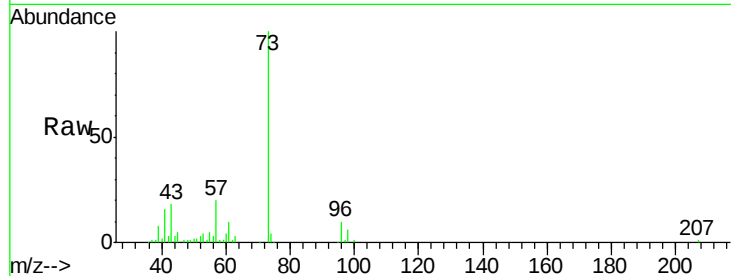
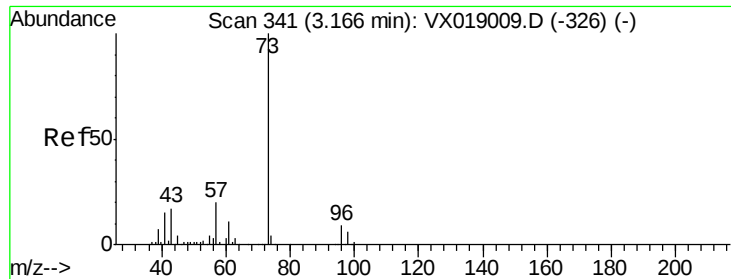
Tgt Ion: 43 Resp: 12959

Ion Ratio Lower Upper

43 100

74 30.5 24.9 37.3





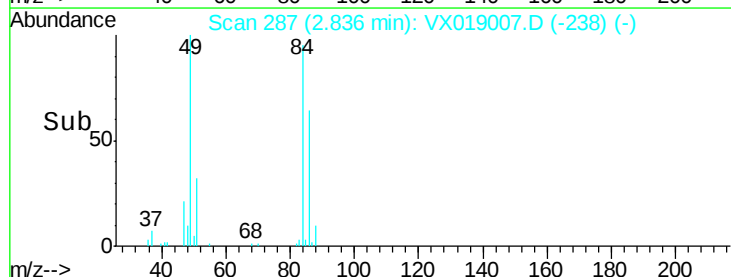
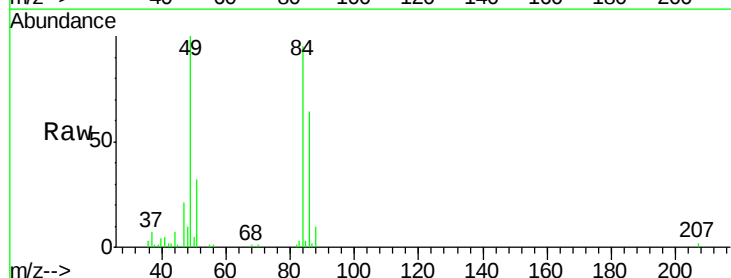
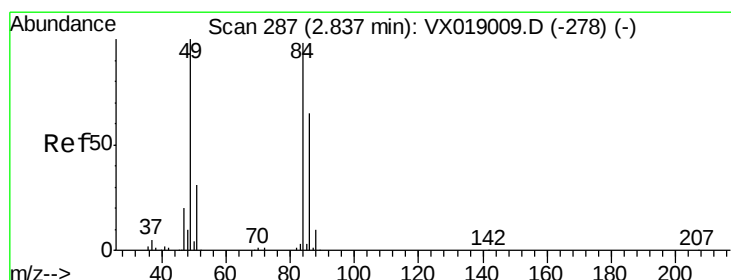
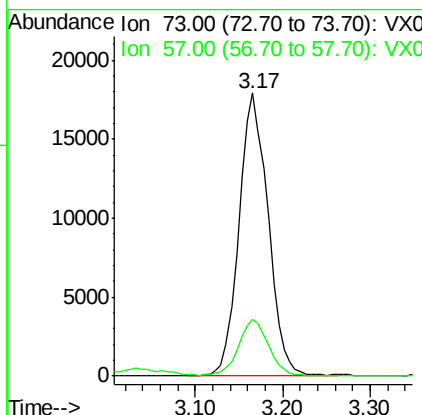
#19
Methvl tert-butvl Ether
Concen: 4.991 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.00 min
Lab File: VX019007.D
Acq: 21 Oct 2020 18:23

Tot Ion: 73 Resp: 41625
Ion Ratio Lower Upper
73 100
57 19.9 16.2 24.2

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

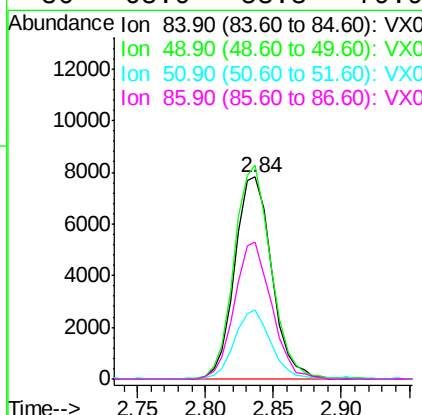
Manual Integrations
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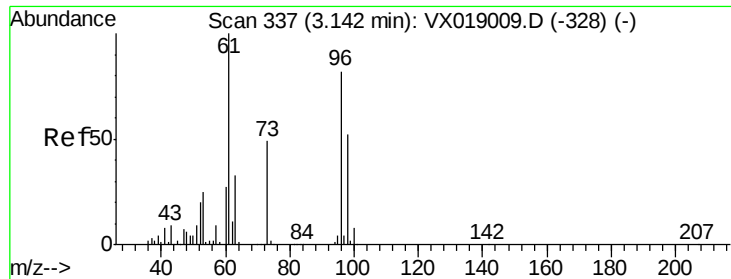
MMDadoda
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#20
Methylene Chloride
Concen: 5.006 ug/l
RT: 2.84 min Scan# 287
Delta R.T. -0.00 min
Lab File: VX019007.D
Acq: 21 Oct 2020 18:23

Tgt Ion: 84 Resp: 14875
Ion Ratio Lower Upper
84 100
49 105.7 81.6 122.4
51 34.1 25.6 38.4
86 68.0 53.3 79.9





#21

trans-1,2-Dichloroethene

Concen: 5.262 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX019007.D

Acq: 21 Oct 2020 18:23

Instrument :

MSVOA_X

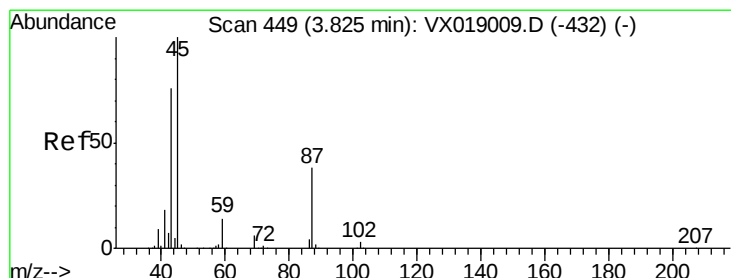
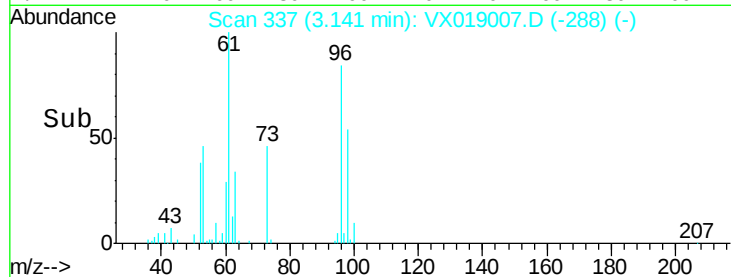
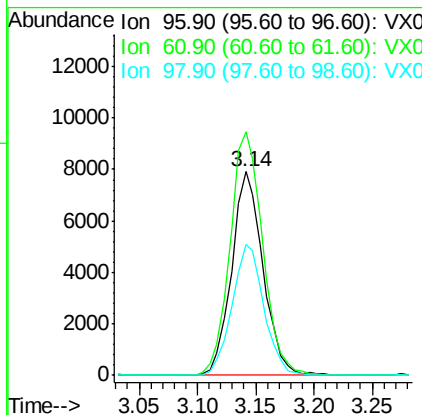
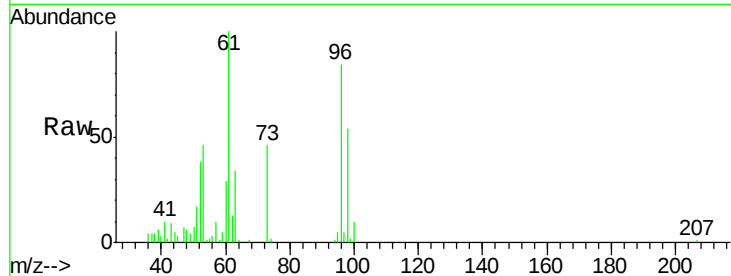
ClientSampleId :

VSTDIC005

Tot Ion:	96	Resp:	14844
Ion	Ratio	Lower	Upper
96	100		
61	119.6	97.8	146.6
98	64.3	50.7	76.1

Manual Integrations
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#22

Diisopropyl ether

Concen: 3.974 ug/l

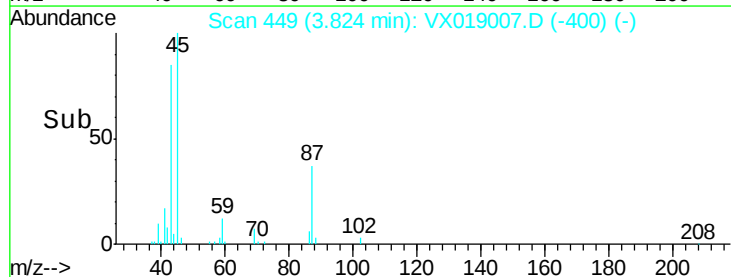
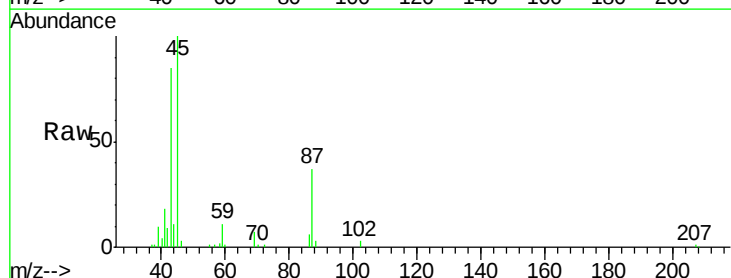
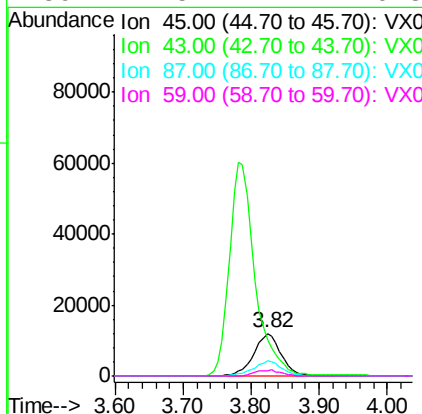
RT: 3.82 min Scan# 449

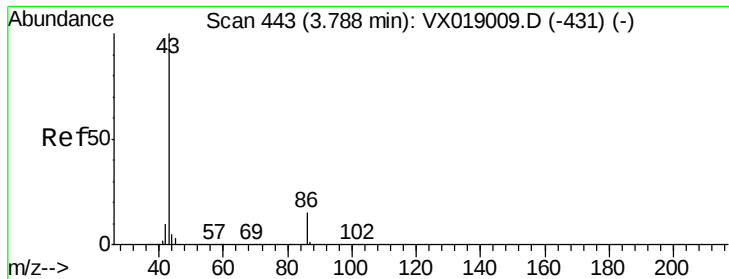
Delta R.T. -0.00 min

Lab File: VX019007.D

Acq: 21 Oct 2020 18:23

Tgt Ion:	45	Resp:	33293
Ion	Ratio	Lower	Upper
45	100		
43	84.5	60.4	90.6
87	36.8	30.4	45.6
59	11.5	11.2	16.8





#23

Vinyl Acetate

Concen: 21.033 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX019007.D

Acq: 21 Oct 2020 18:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 43 Resp: 156974

Ion Ratio Lower Upper

43 100

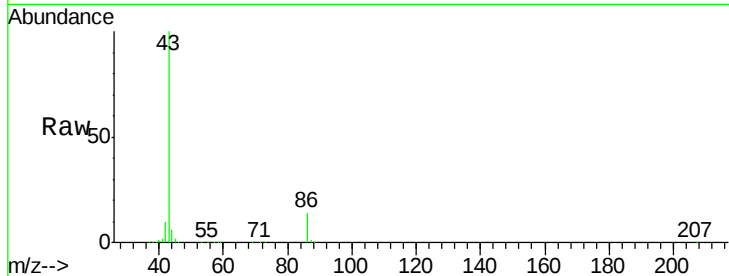
86 14.1 11.7 17.5

Manual Integrations

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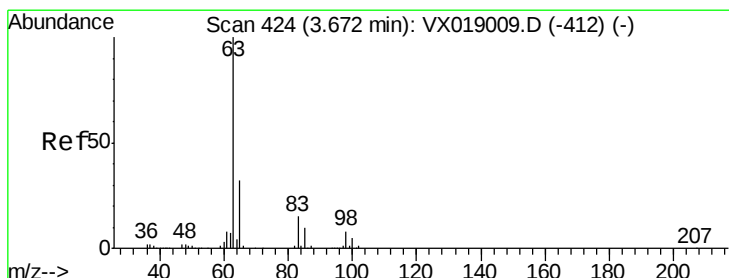
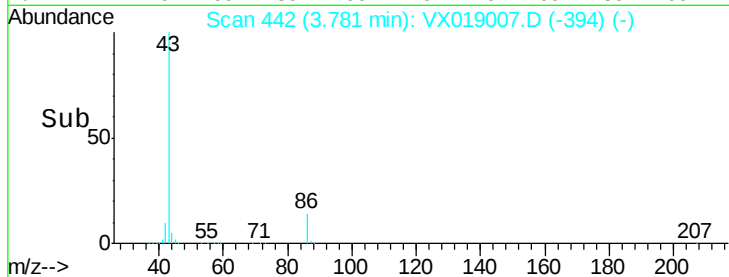
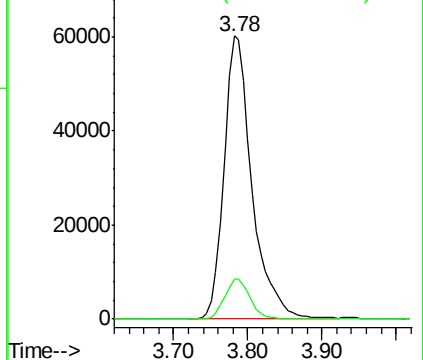
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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 4.935 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX019007.D

Acq: 21 Oct 2020 18:23

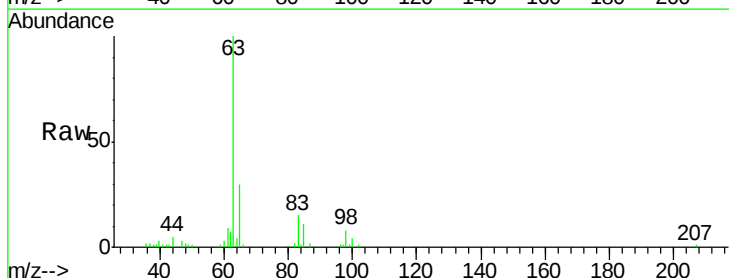
Tgt Ion: 63 Resp: 24728

Ion Ratio Lower Upper

63 100

98 7.6 4.0 12.0

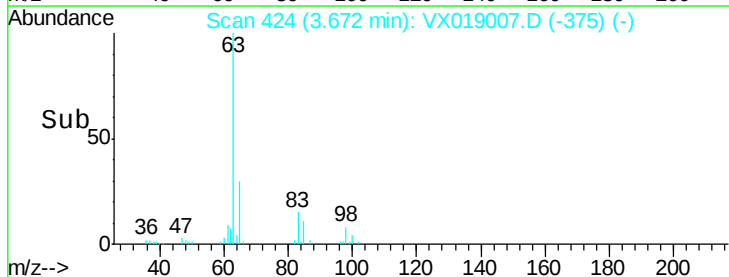
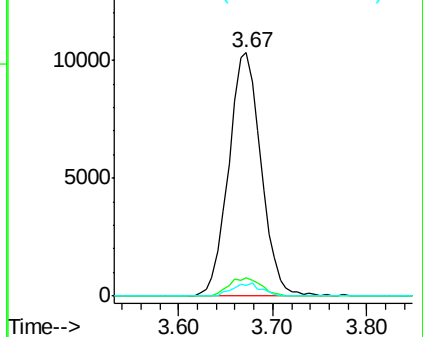
100 4.1 2.5 7.4

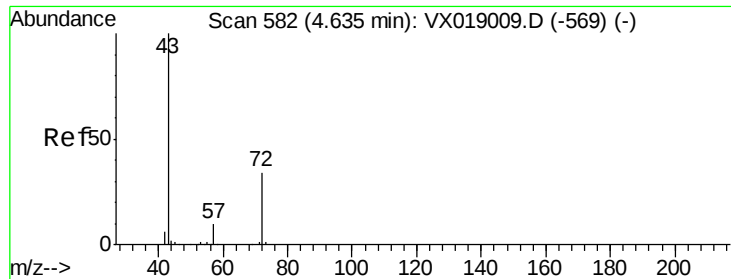


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 21.372 ug/l

RT: 4.64 min Scan# 583

Delta R.T. 0.01 min

Lab File: VX019007.D

Acq: 21 Oct 2020 18:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 43 Resp: 43241

Ion Ratio Lower Upper

43 100

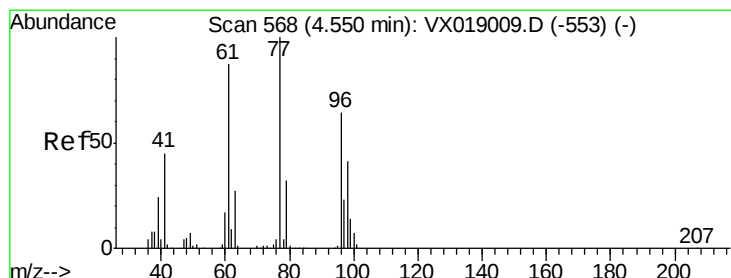
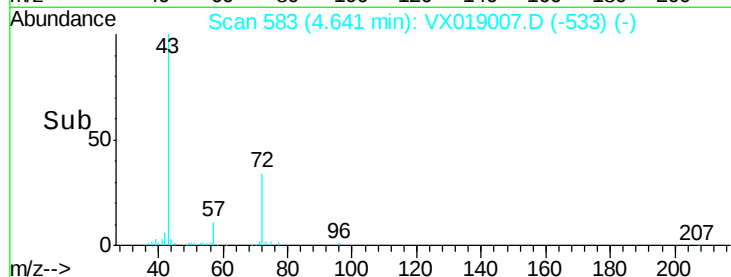
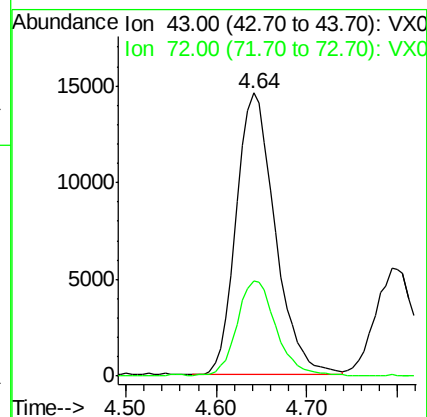
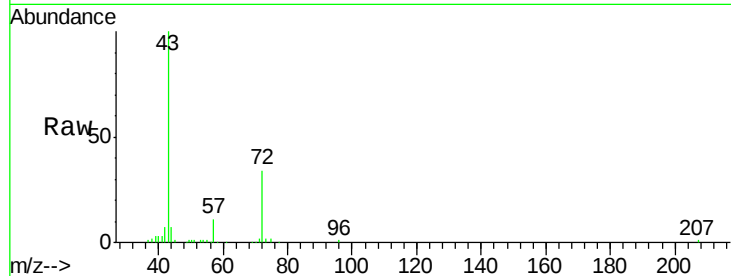
72 33.7 27.8 41.6

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 4.971 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX019007.D

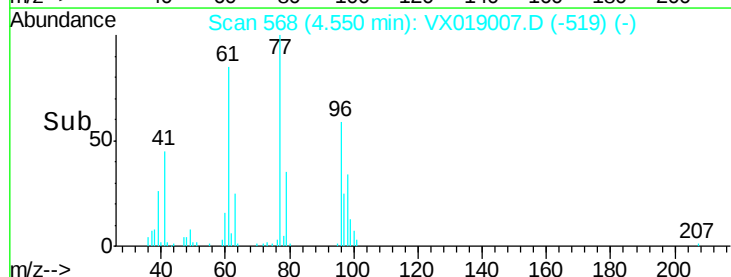
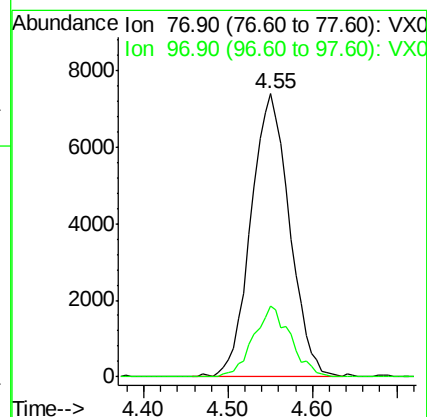
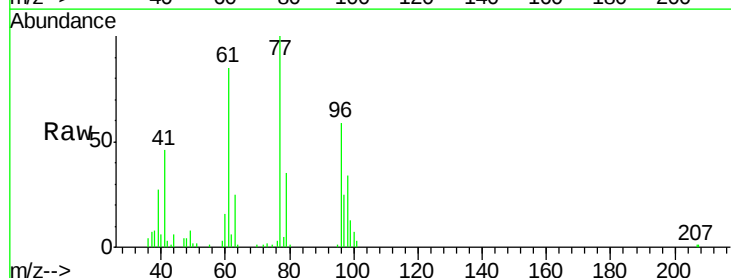
Acq: 21 Oct 2020 18:23

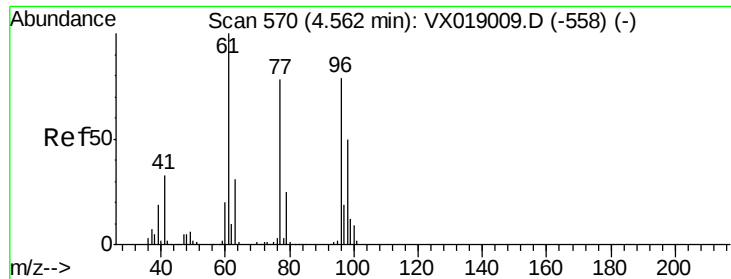
Tgt Ion: 77 Resp: 23060

Ion Ratio Lower Upper

77 100

97 24.1 11.9 35.7





#27

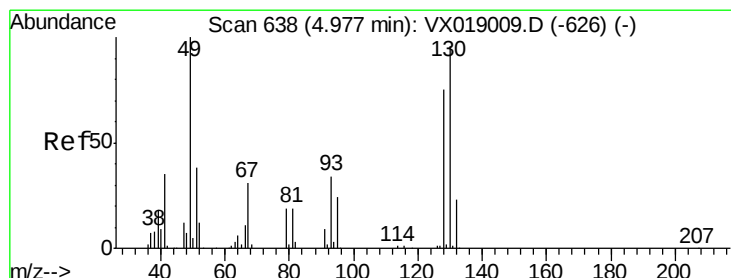
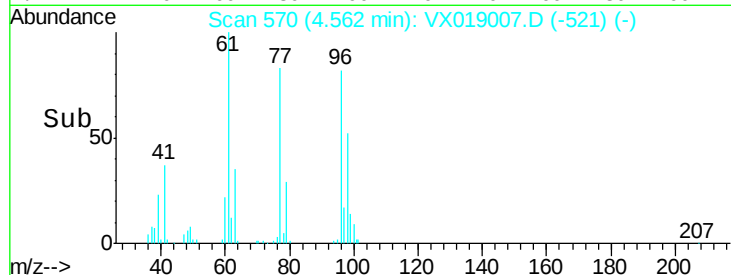
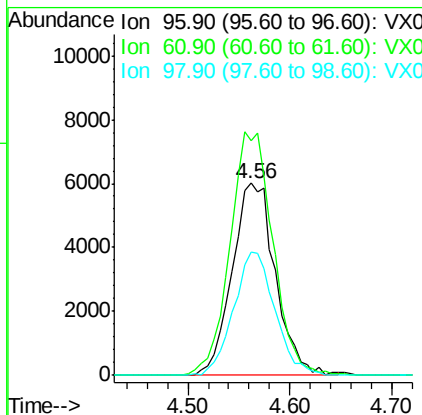
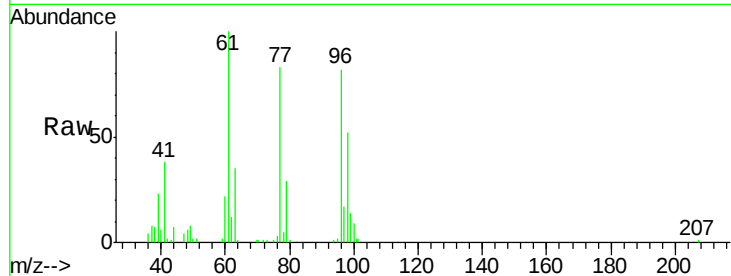
cis-1,2-Dichloroethene
Concen: 5.570 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.00 min
Lab File: VX019007.D
Acq: 21 Oct 2020 18:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
96	100		
61	126.2	0.0	260.0
98	61.3	0.0	131.4

Manual Integrations
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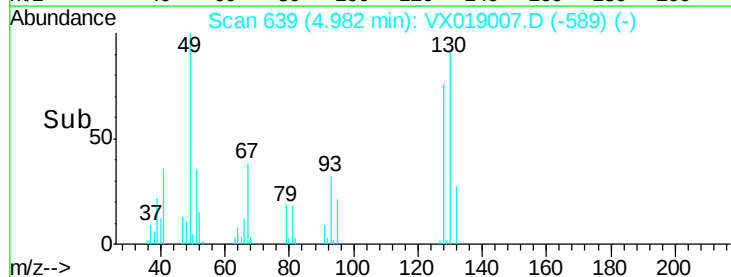
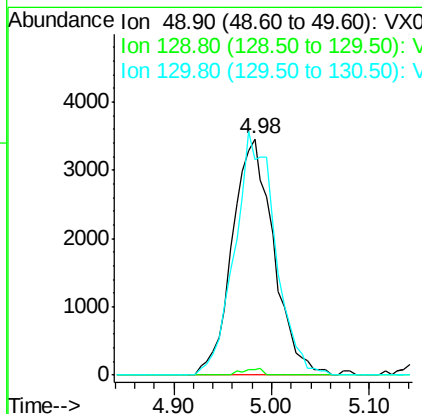
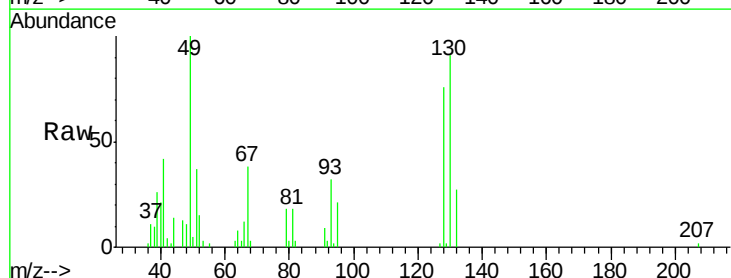
MMDadoda
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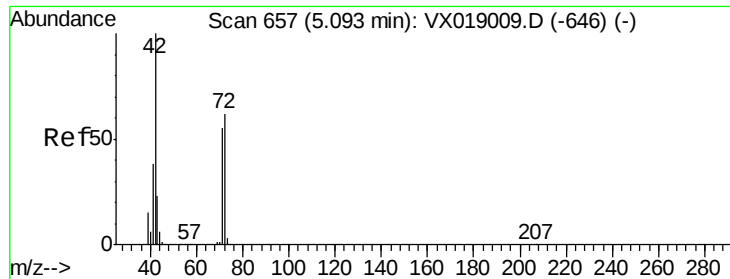


#28

Bromochloromethane
Concen: 4.411 ug/l
RT: 4.98 min Scan# 639
Delta R.T. 0.01 min
Lab File: VX019007.D
Acq: 21 Oct 2020 18:23

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.3	0.0	5.2
130	100.0	79.0	118.6





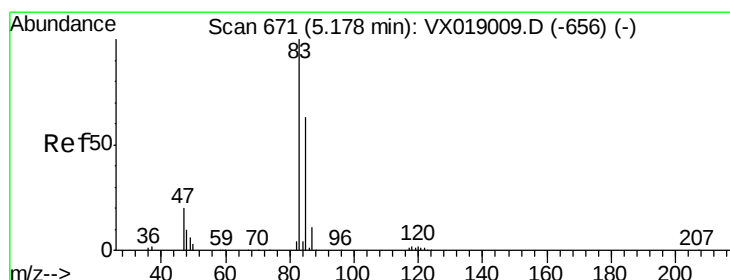
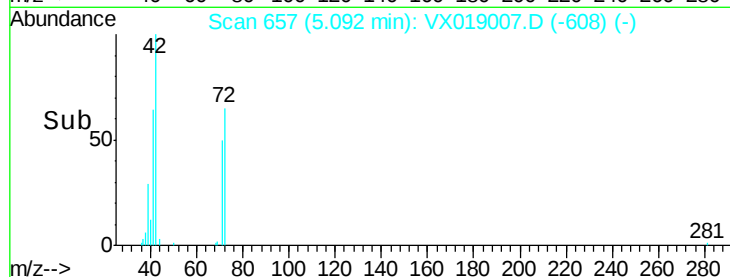
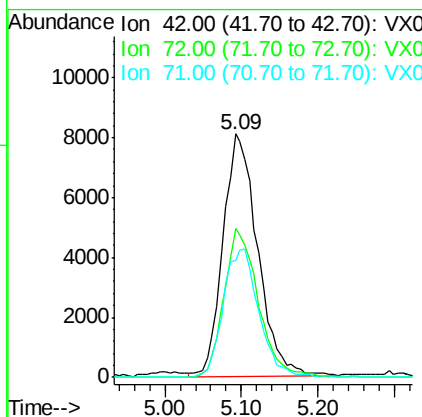
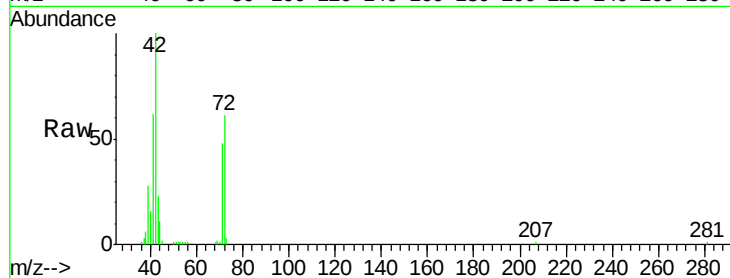
#29
Tetrahydrofuran
Concen: 20.232 ug/l
RT: 5.09 min Scan# 657
Delta R.T. -0.00 min
Lab File: VX019007.D
Acq: 21 Oct 2020 18:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
42	100		
72	60.5	49.1	73.7
71	54.1	44.2	66.4

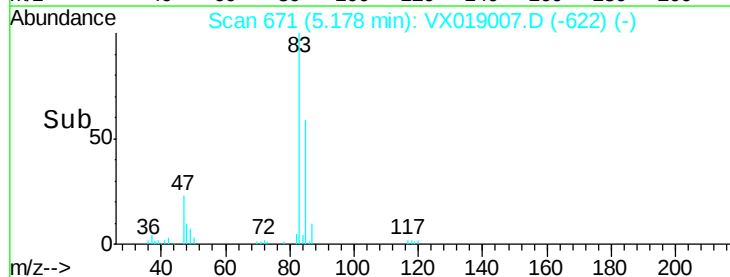
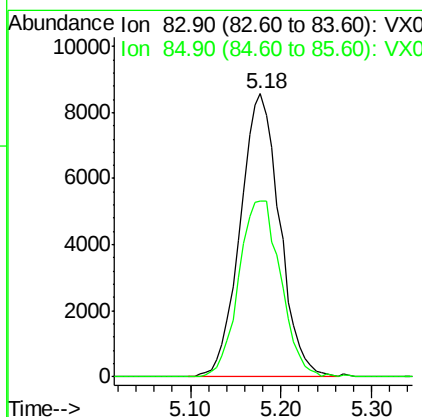
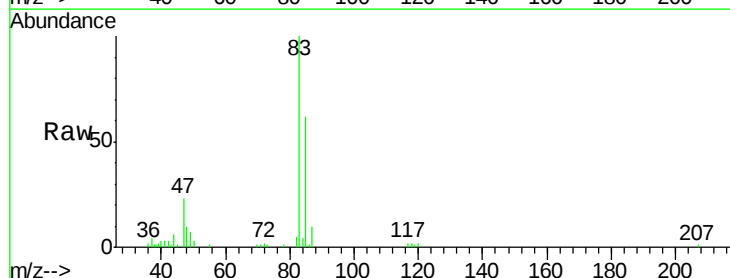
Manual Integrations
APPROVED

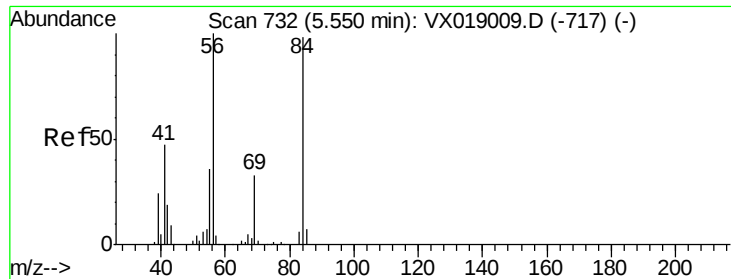
MMDadoda
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#30
Chloroform
Concen: 5.022 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.00 min
Lab File: VX019007.D
Acq: 21 Oct 2020 18:23

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.1	50.5	75.7





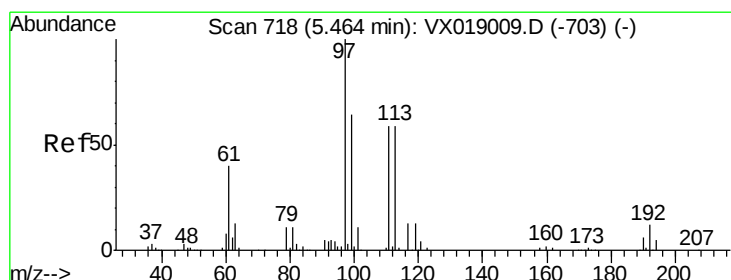
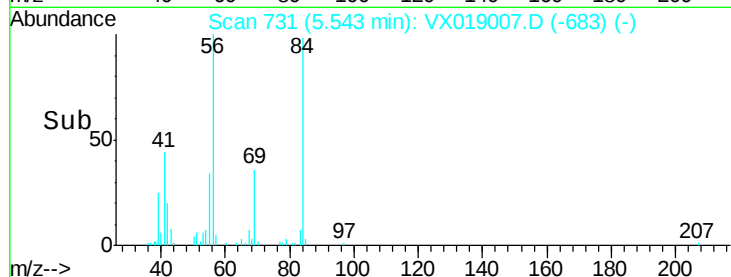
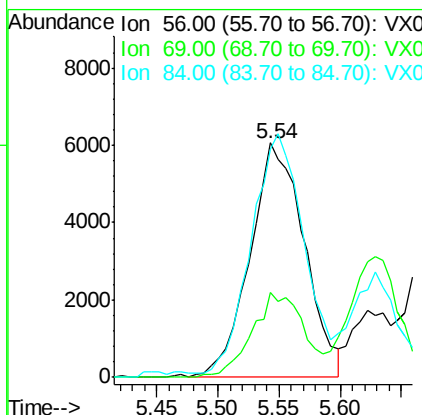
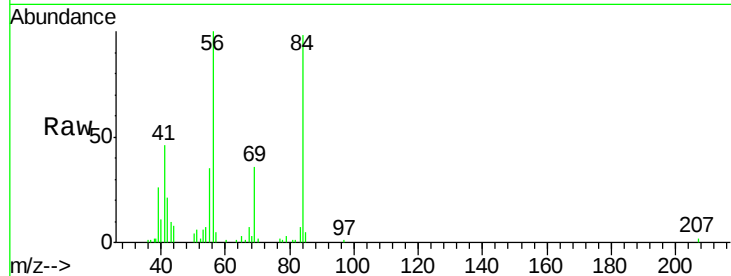
#31
Cvclohexane
Concen: 4.546 ug/l
RT: 5.54 min Scan# 731
Delta R.T. -0.01 min
Lab File: VX019007.D
Acq: 21 Oct 2020 18:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
56	100		
69	36.3	26.2	39.2
84	95.9	78.3	117.5

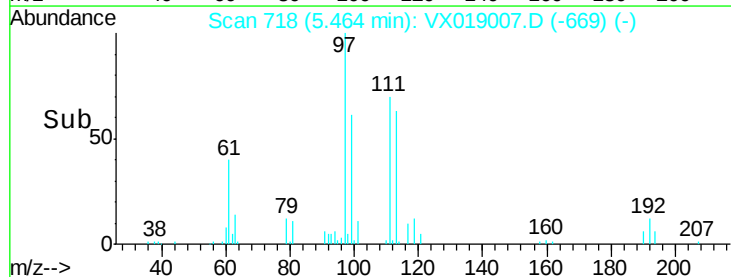
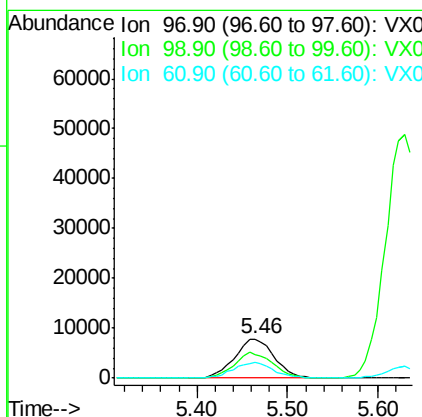
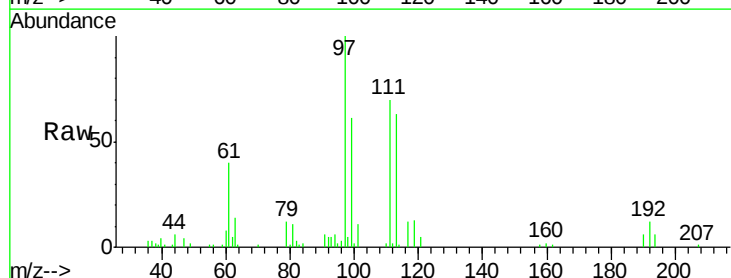
Manual Integrations
APPROVED

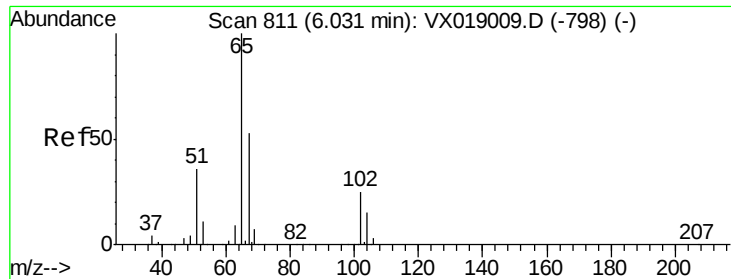
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#32
1,1,1-Trichloroethane
Concen: 4.913 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.00 min
Lab File: VX019007.D
Acq: 21 Oct 2020 18:23

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.8	51.3	76.9
61	40.9	31.9	47.9





#33

1,2-Dichloroethane-d4

Concen: 4.962 ug/l

RT: 6.04 min Scan# 812

Delta R.T. 0.01 min

Lab File: VX019007.D

Acq: 21 Oct 2020 18:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 65 Resp: 17044

Ion Ratio Lower Upper

65 100

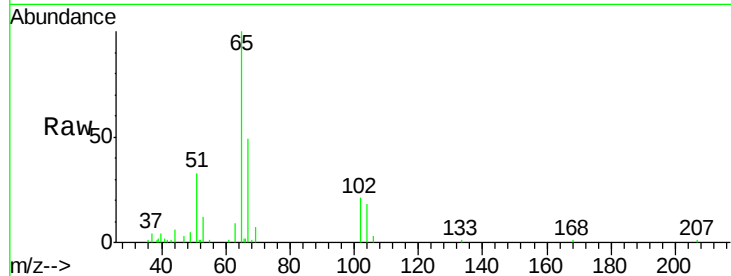
67 51.9 0.0 107.0

Manual Integrations

APPROVED

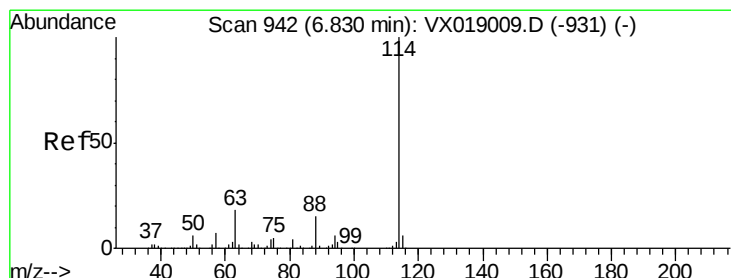
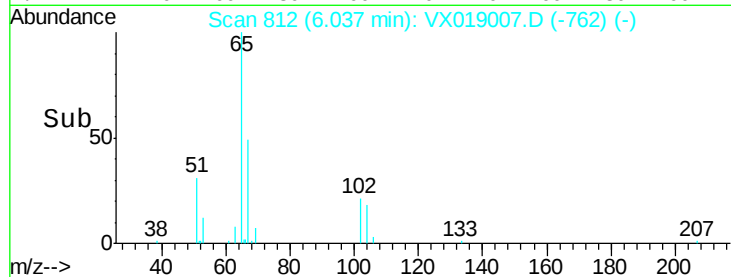
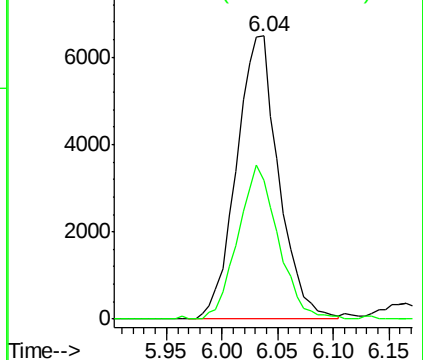
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Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX019007.D

Acq: 21 Oct 2020 18:23

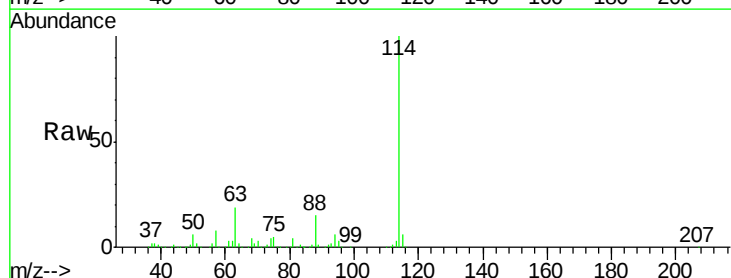
Tgt Ion: 114 Resp: 422814

Ion Ratio Lower Upper

114 100

63 18.6 0.0 36.8

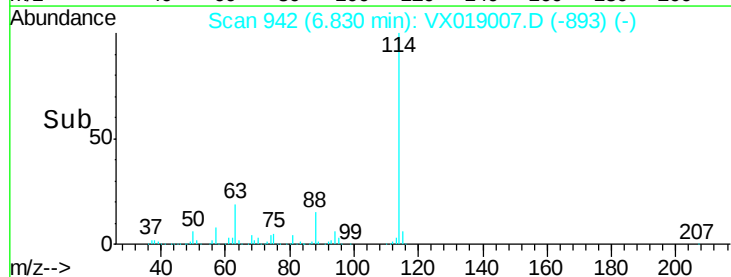
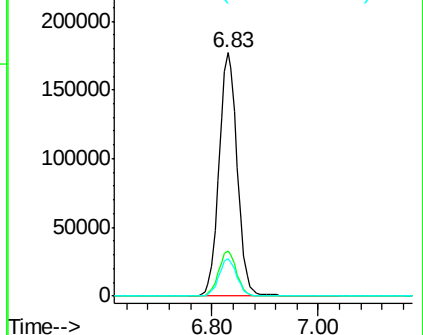
88 15.3 0.0 30.2

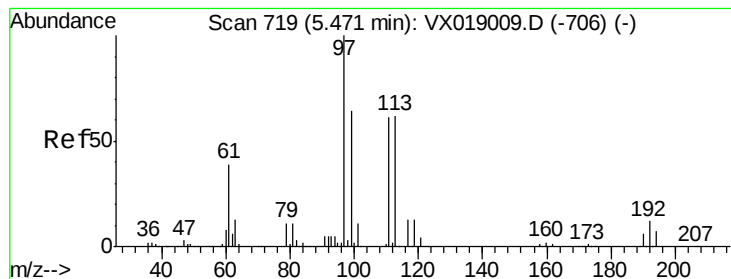


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 4.901 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.01 min

Lab File: VX019007.D

Acq: 21 Oct 2020 18:23

Instrument :

MSVOA_X

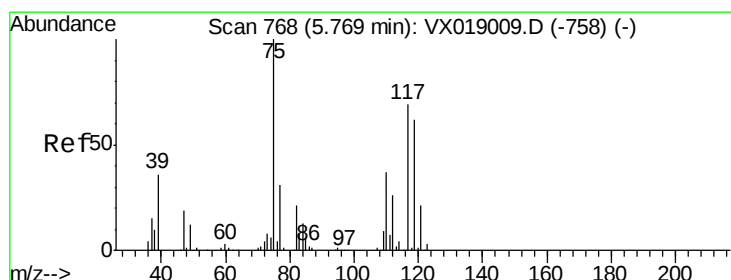
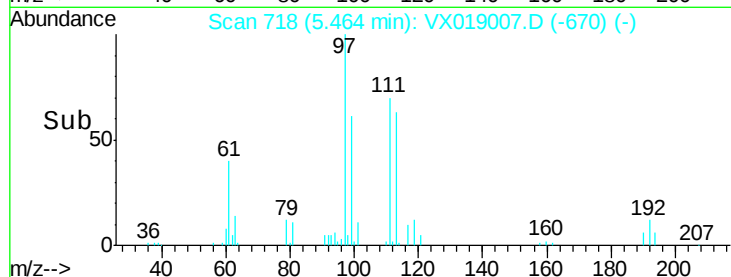
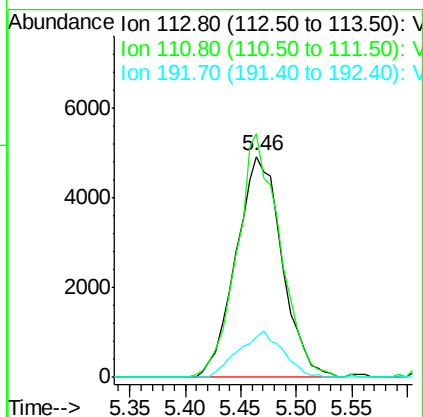
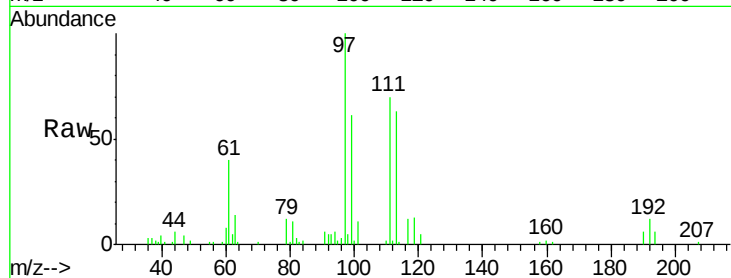
ClientSampleId :

VSTDIC005

Tot Ion:	113	Resp:	14137
Ion	Ratio	Lower	Upper
113	100		
111	103.5	81.5	122.3
192	20.2	16.3	24.5

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 4.963 ug/l

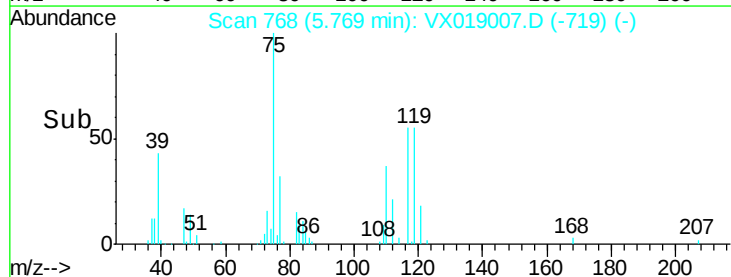
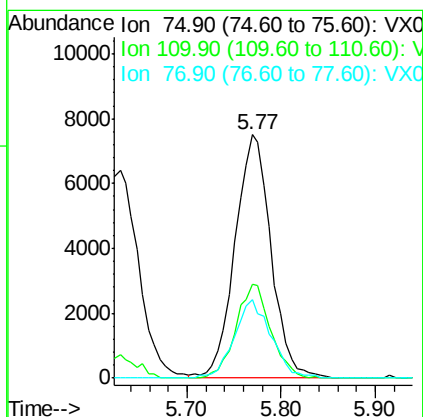
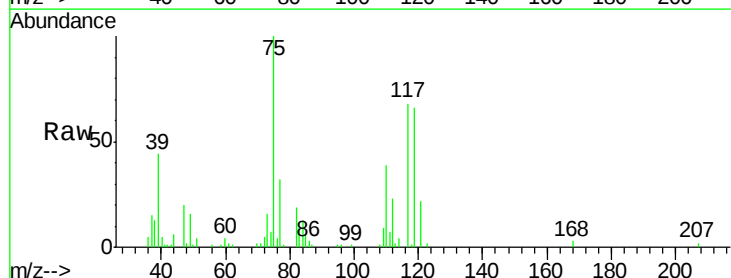
RT: 5.77 min Scan# 768

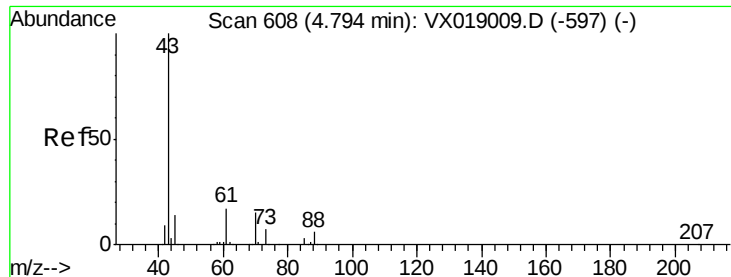
Delta R.T. -0.00 min

Lab File: VX019007.D

Acq: 21 Oct 2020 18:23

Tgt Ion:	75	Resp:	20063
Ion	Ratio	Lower	Upper
75	100		
110	37.2	19.4	58.2
77	32.6	25.2	37.8





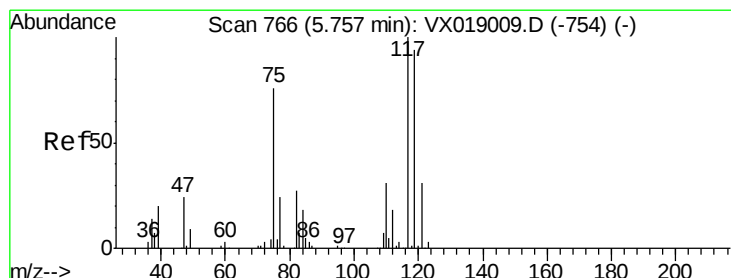
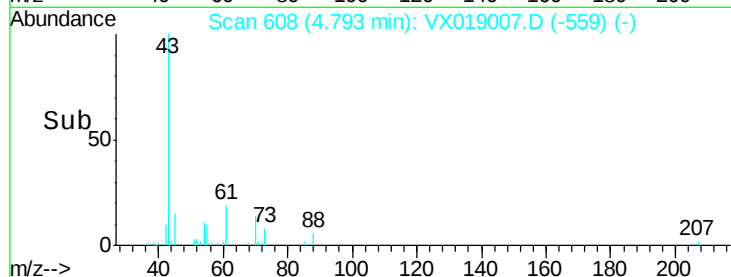
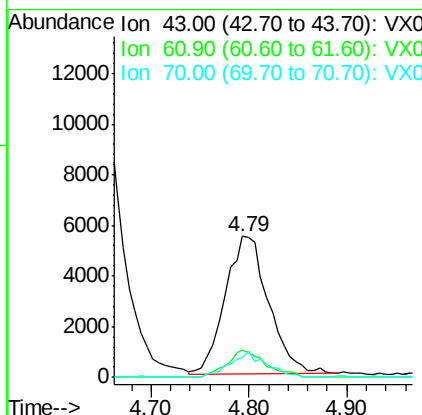
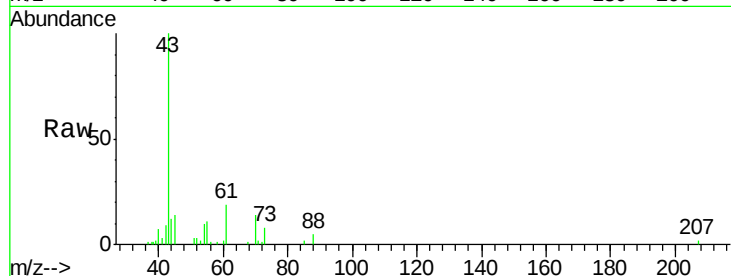
#37
Ethyl Acetate
Concen: 4.036 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.00 min
Lab File: VX019007.D
Acq: 21 Oct 2020 18:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
43	100		
61	17.4	13.8	20.8
70	15.3	11.4	17.2

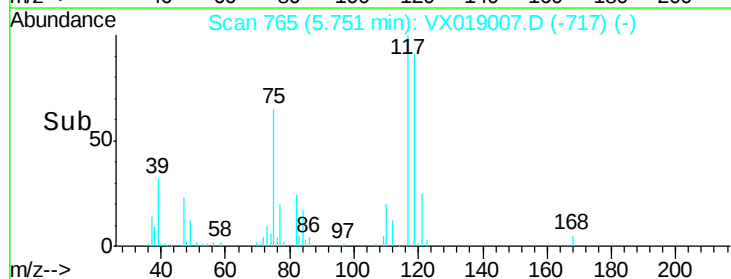
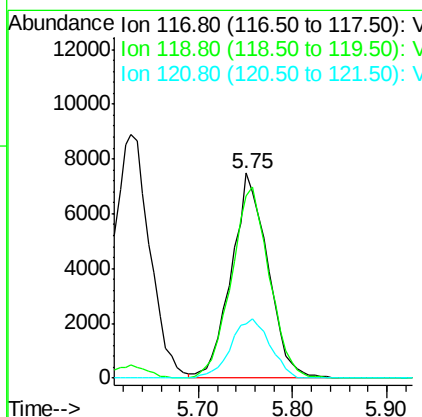
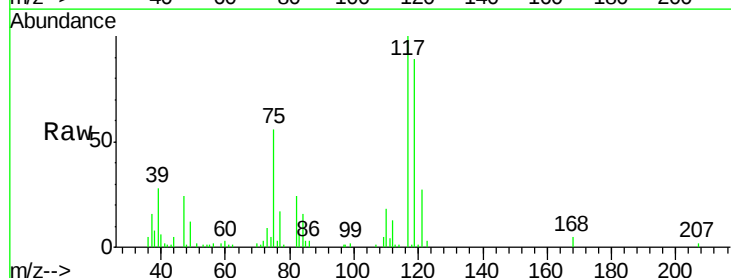
Manual Integrations
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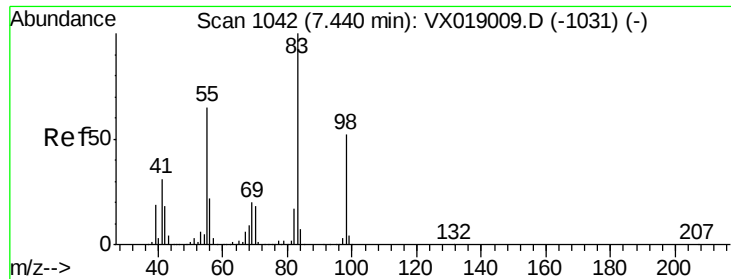
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#38
Carbon Tetrachloride
Concen: 4.539 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.01 min
Lab File: VX019007.D
Acq: 21 Oct 2020 18:23

Tgt Ion	Ratio	Lower	Upper
117	100		
119	89.0	75.4	113.0
121	26.7	25.0	37.6





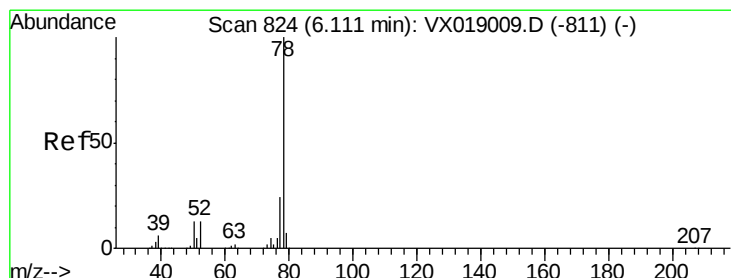
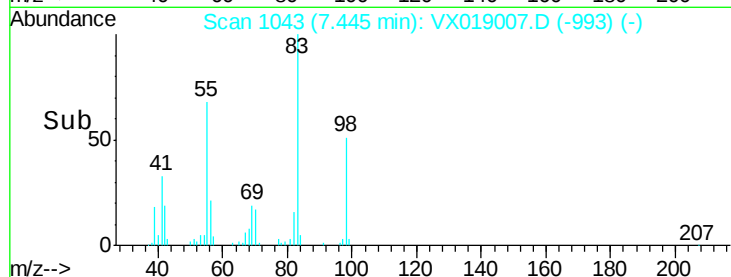
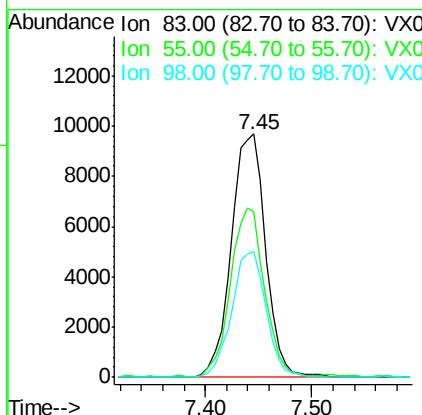
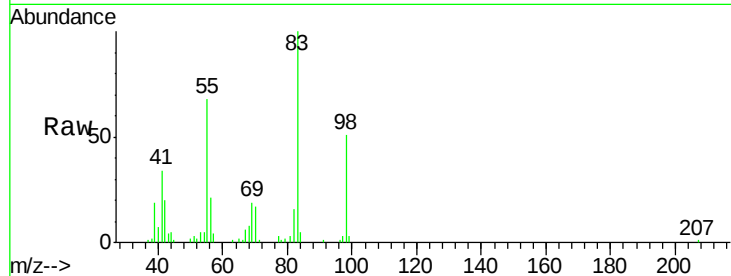
#39
Methvlcvclohexane
Concen: 4.817 ug/l
RT: 7.45 min Scan# 1043
Delta R.T. 0.01 min
Lab File: VX019007.D
Acq: 21 Oct 2020 18:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
83	100		
55	68.2	51.8	77.6
98	51.5	41.4	62.2

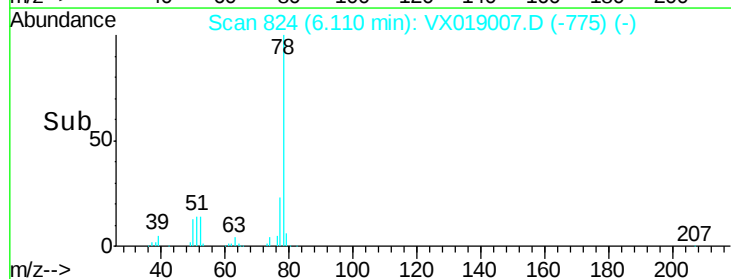
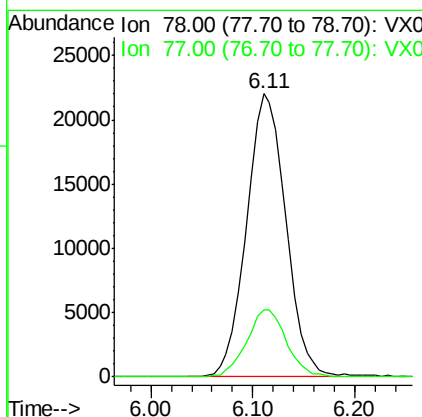
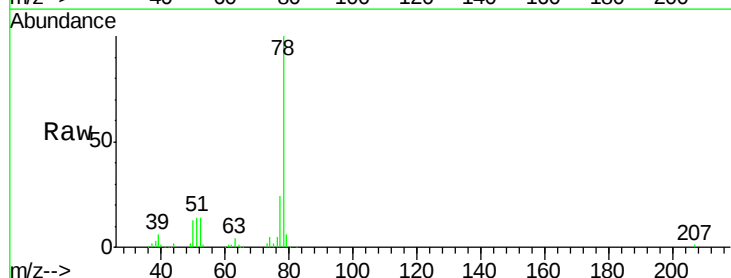
Manual Integrations
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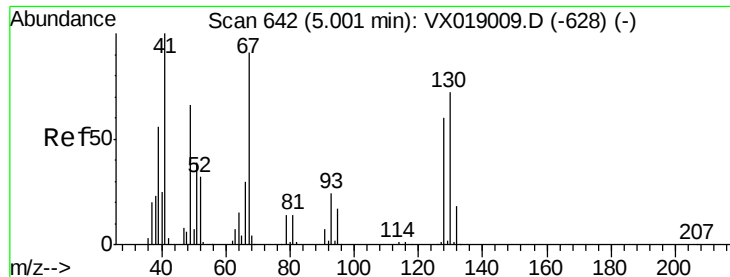
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#40
Benzene
Concen: 5.042 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.00 min
Lab File: VX019007.D
Acq: 21 Oct 2020 18:23

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.8	19.3	28.9





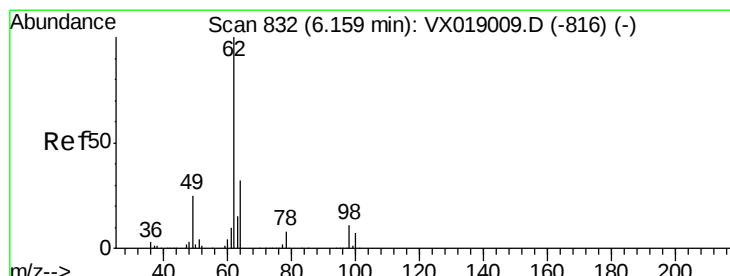
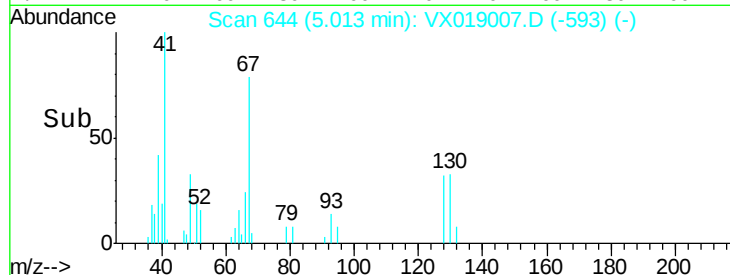
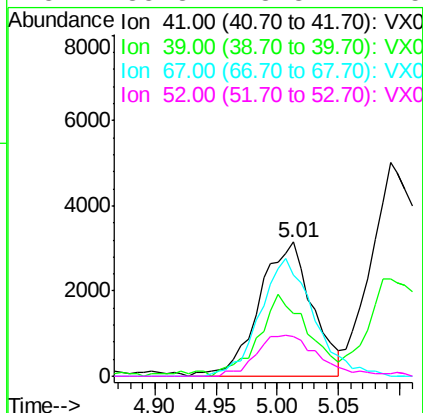
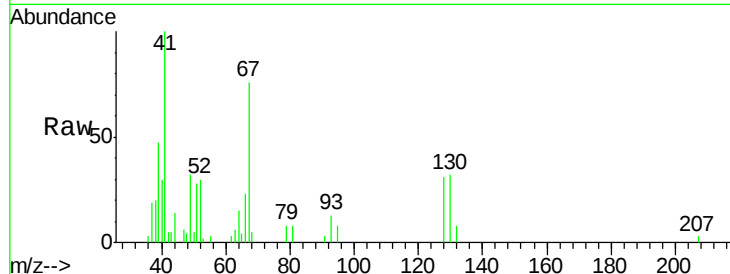
#41
Methacrylonitrile
Concen: 4.122 ug/l
RT: 5.01 min Scan# 644
Delta R.T. 0.01 min
Lab File: VX019007.D
Acq: 21 Oct 2020 18:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion:	41	Resp:	9553
Ion	Ratio	Lower	Upper
41	100		
39	57.0	44.6	67.0
67	88.7	76.1	114.1
52	35.3	28.3	42.5

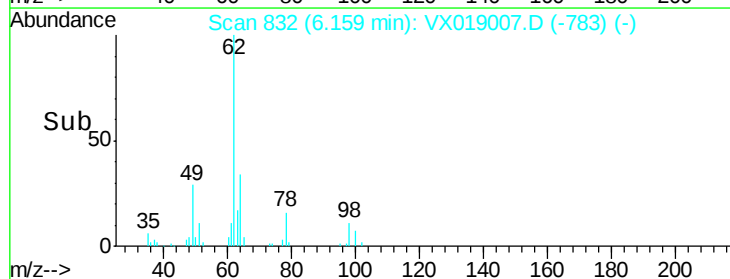
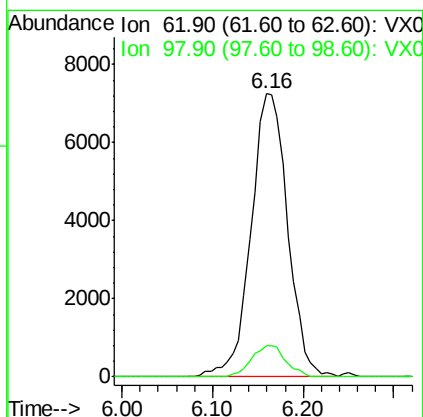
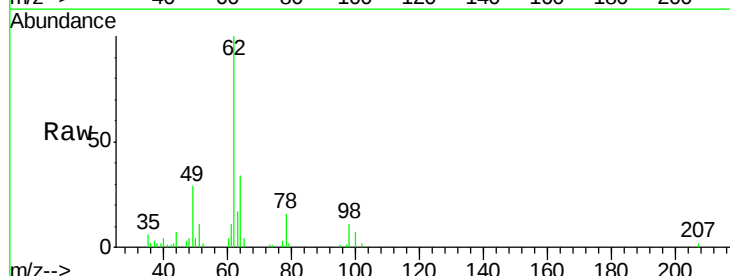
Manual Integrations
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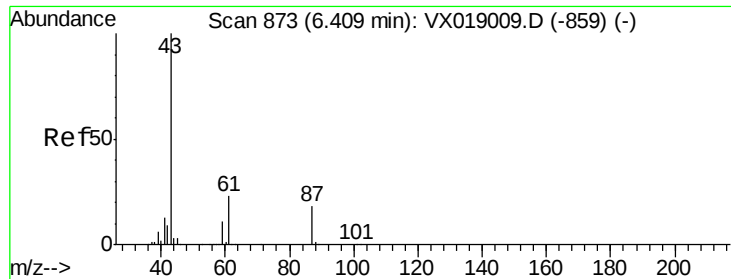
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#42
1,2-Dichloroethane
Concen: 4.536 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.00 min
Lab File: VX019007.D
Acq: 21 Oct 2020 18:23

Tgt Ion:	62	Resp:	20243
Ion	Ratio	Lower	Upper
62	100		
98	10.3	0.0	20.8





#43

Isopropyl Acetate

Concen: 4.155 ug/l

RT: 6.41 min Scan# 873

Delta R.T. -0.00 min

Lab File: VX019007.D

Acq: 21 Oct 2020 18:23

Instrument :

MSVOA_X

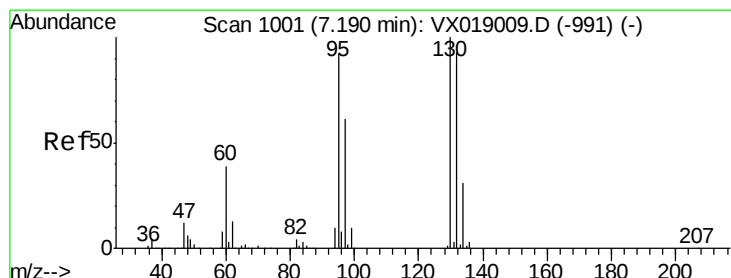
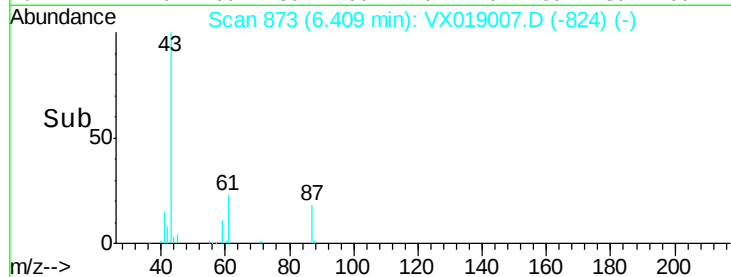
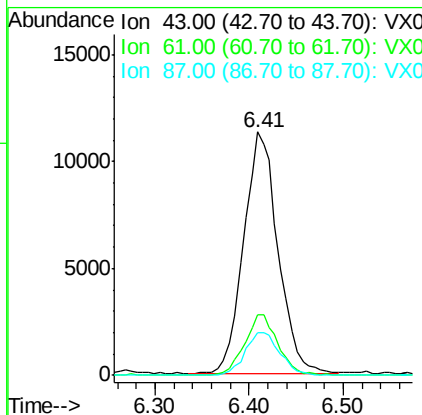
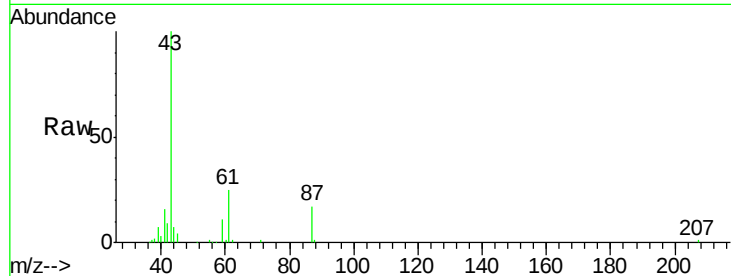
ClientSampleId :

VSTDIC005

Tot Ion:	43	Resp:	28966
Ion	Ratio	Lower	Upper
43	100		
61	23.9	18.7	28.1
87	17.8	14.2	21.4

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#44

Trichloroethene

Concen: 5.060 ug/l

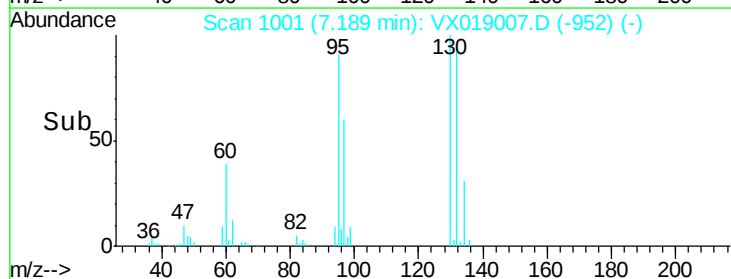
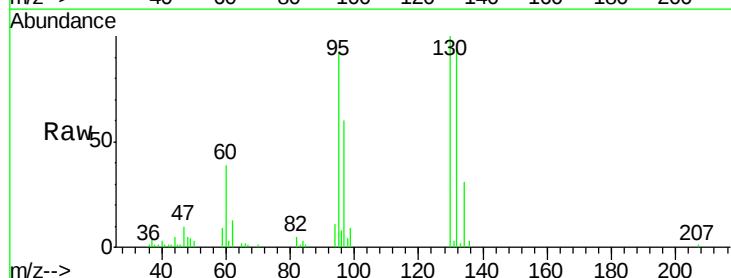
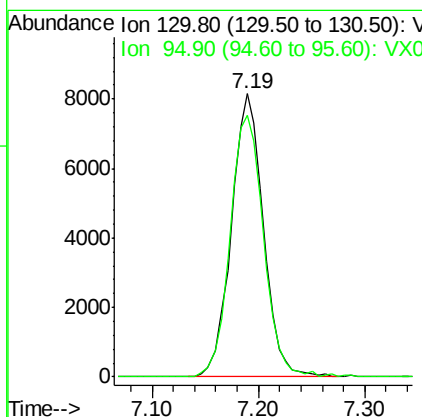
RT: 7.19 min Scan# 1001

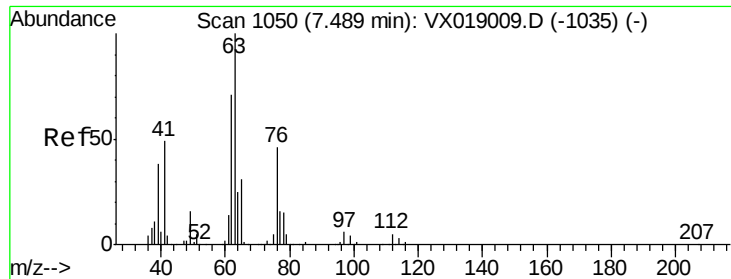
Delta R.T. -0.00 min

Lab File: VX019007.D

Acq: 21 Oct 2020 18:23

Tgt Ion:	130	Resp:	17111
Ion	Ratio	Lower	Upper
130	100		
95	92.4	0.0	184.2





#45

1,2-Dichloropropane

Concen: 4.451 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VX019007.D

Acq: 21 Oct 2020 18:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 63 Resp: 14031

Ion Ratio Lower Upper

63 100

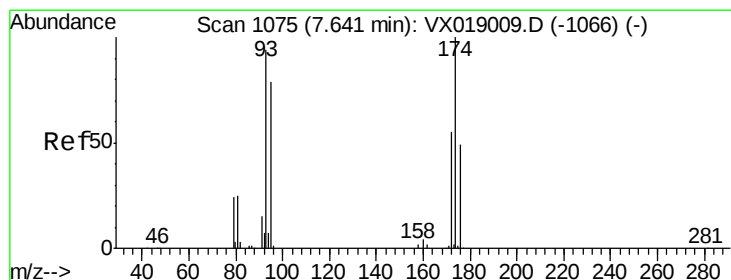
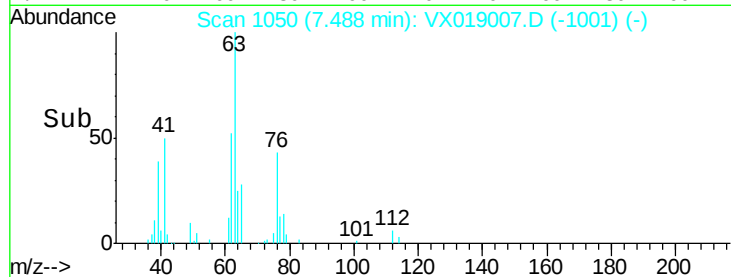
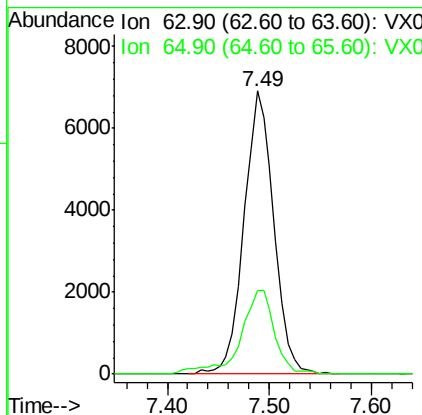
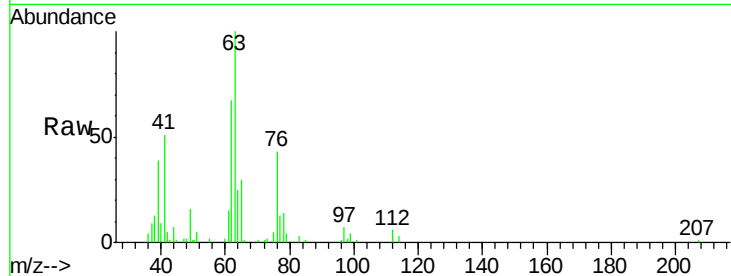
65 29.7 24.9 37.3

Manual Integrations

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#46

Dibromomethane

Concen: 4.793 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VX019007.D

Acq: 21 Oct 2020 18:23

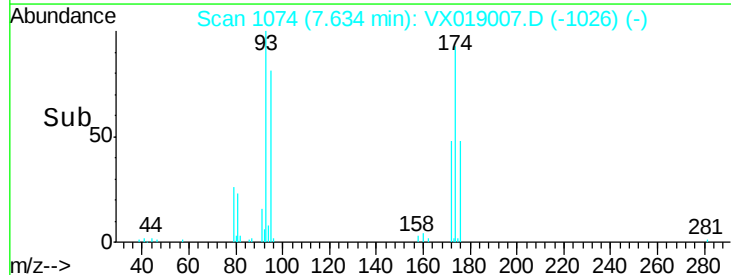
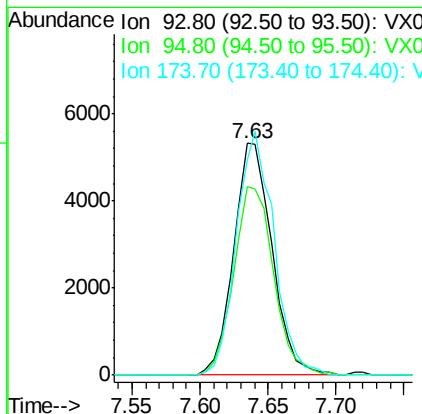
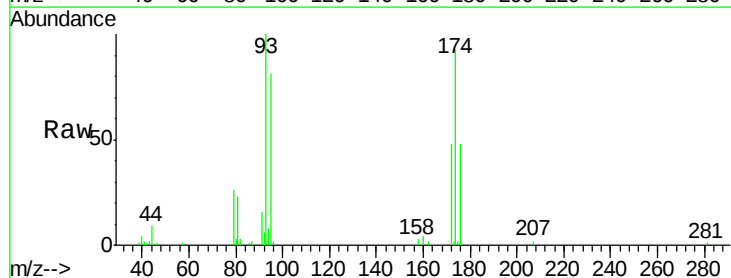
Tgt Ion: 93 Resp: 10482

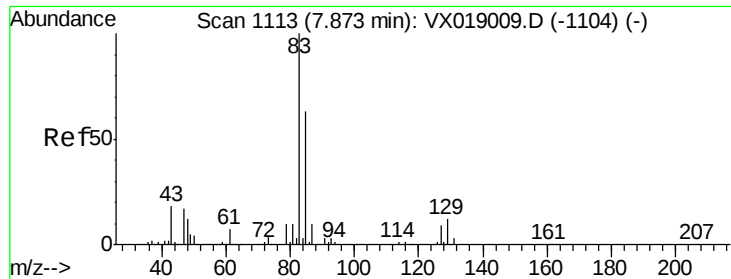
Ion Ratio Lower Upper

93 100

95 84.6 66.8 100.2

174 103.2 83.8 125.8





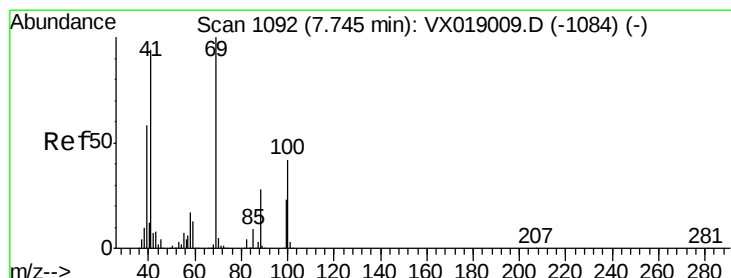
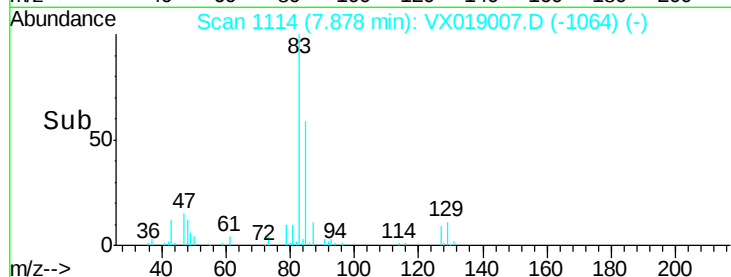
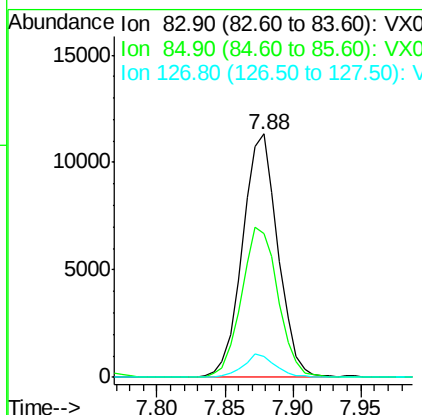
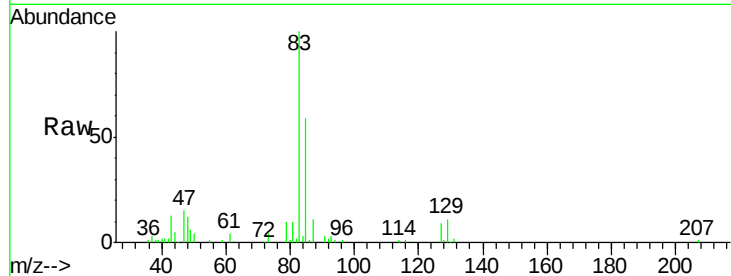
#47
Bromodichloromethane
Concen: 4.677 ug/l
RT: 7.88 min Scan# 1114
Delta R.T. 0.01 min
Lab File: VX019007.D
Acq: 21 Oct 2020 18:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Resp	Lower	Upper
83	100	20593		
85	58.9		50.7	76.1
127	8.5		6.8	10.2

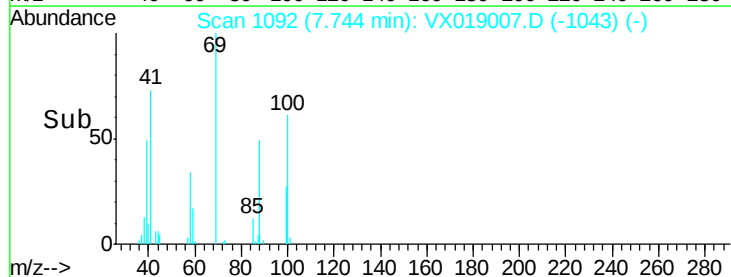
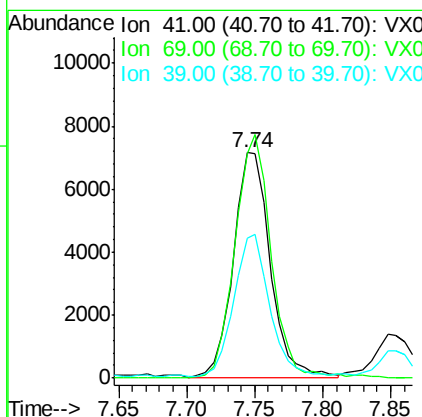
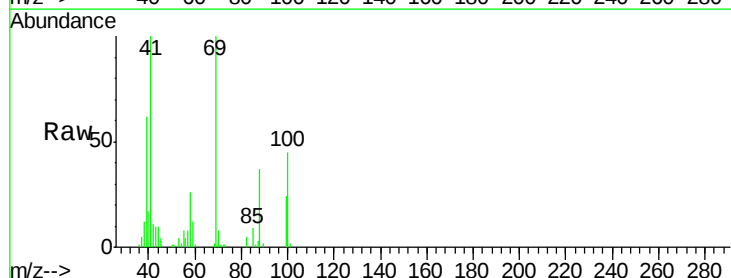
Manual Integrations
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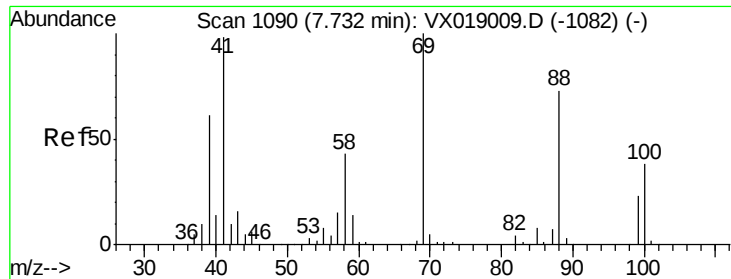
MMDadoda
10/22/2020 1:21:48 PM



#48
Methyl methacrylate
Concen: 4.046 ug/l
RT: 7.74 min Scan# 1092
Delta R.T. -0.00 min
Lab File: VX019007.D
Acq: 21 Oct 2020 18:23

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	13636		
69	105.3		85.5	128.3
39	60.0		49.3	73.9





#49

1,4-Dioxane

Concen: 112.758 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. 0.01 min

Lab File: VX019007.D

Acq: 21 Oct 2020 18:23

Instrument :

MSVOA_X

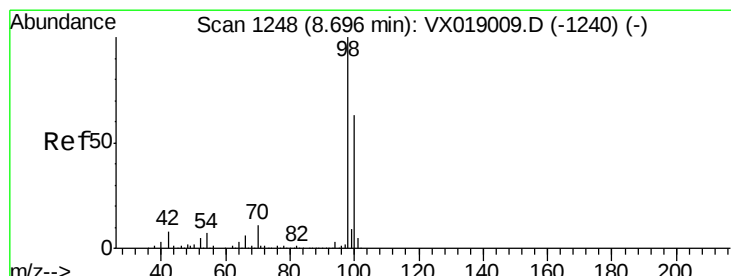
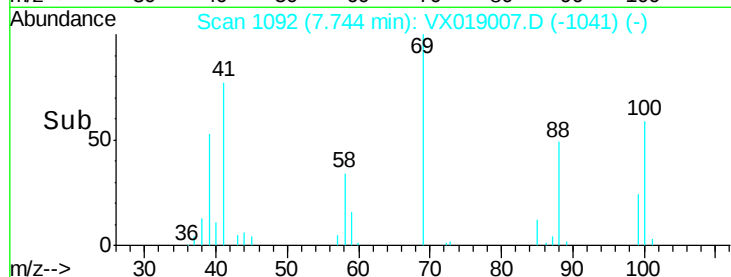
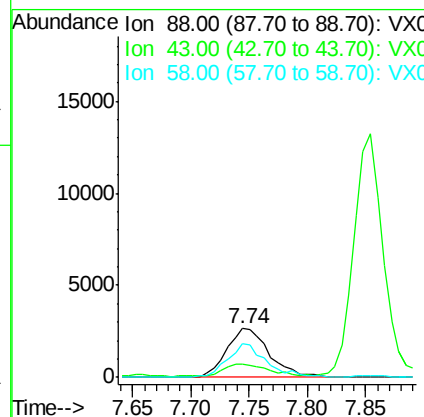
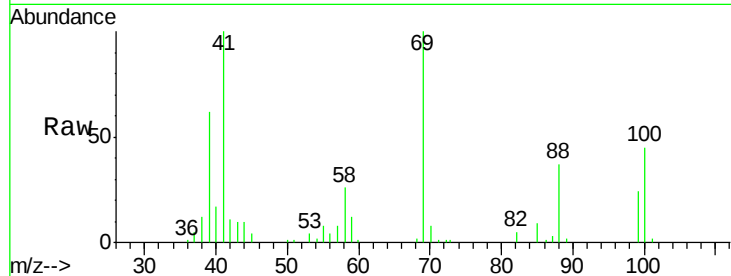
ClientSampleId :

VSTDIC005

Tot Ion:	88	Resp:	6673
Ion	Ratio	Lower	Upper
88	100		
43	33.1	20.3	30.5#
58	63.6	48.4	72.6

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#50

Toluene-d8

Concen: 5.183 ug/l

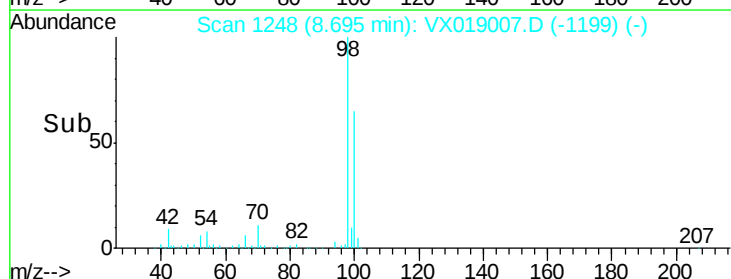
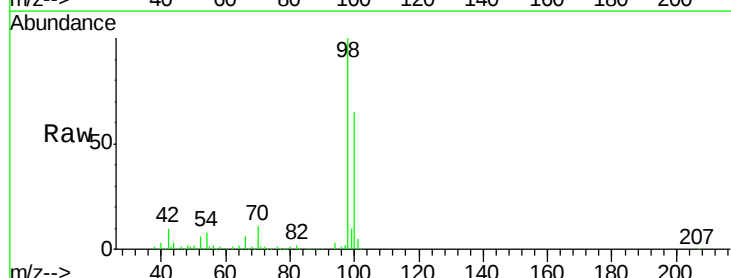
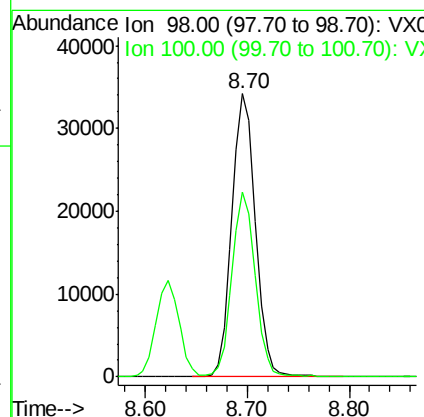
RT: 8.70 min Scan# 1248

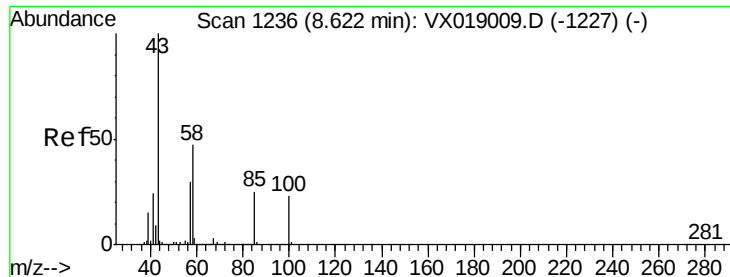
Delta R.T. -0.00 min

Lab File: VX019007.D

Acq: 21 Oct 2020 18:23

Tgt Ion:	98	Resp:	54670
Ion	Ratio	Lower	Upper
98	100		
100	64.4	52.1	78.1





#51

4-Methyl-2-Pentanone

Concen: 20.554 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VX019007.D

Acq: 21 Oct 2020 18:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 43 Resp: 85142

Ion Ratio Lower Upper

43 100

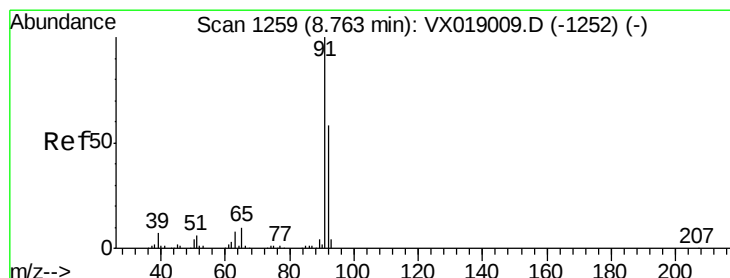
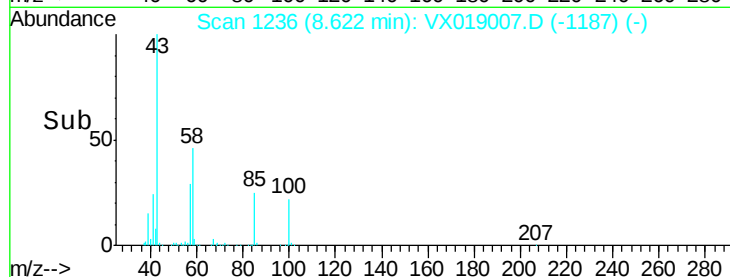
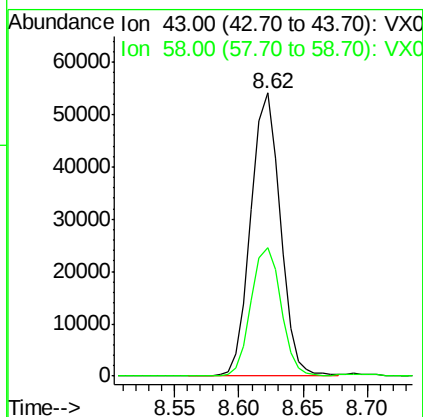
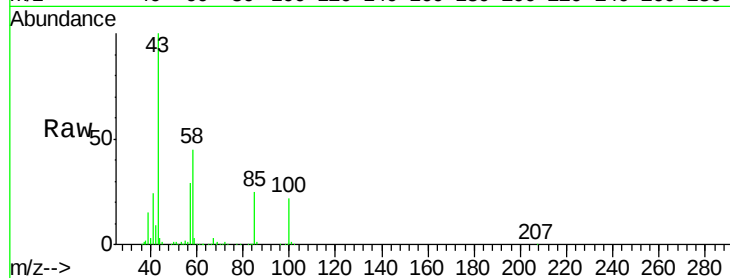
58 46.5 37.4 56.0

Manual Integrations

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#52

Toluene

Concen: 5.138 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.00 min

Lab File: VX019007.D

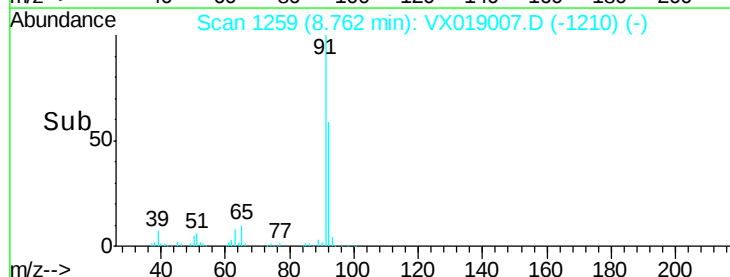
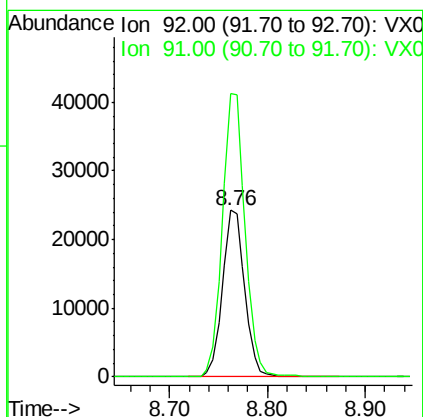
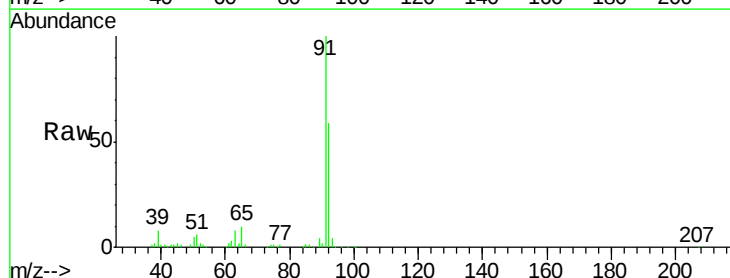
Acq: 21 Oct 2020 18:23

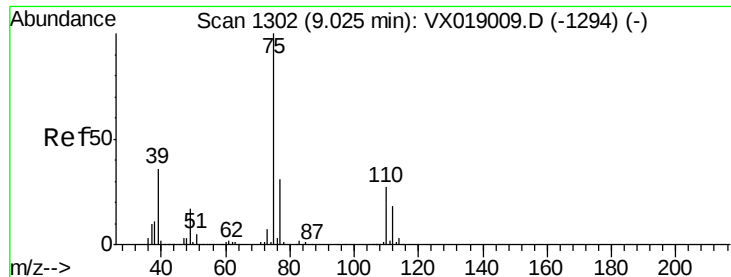
Tgt Ion: 92 Resp: 38127

Ion Ratio Lower Upper

92 100

91 174.3 138.6 208.0





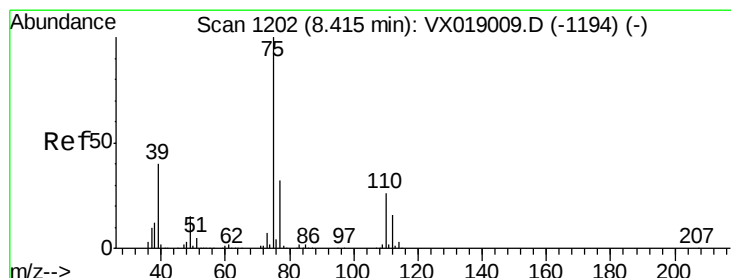
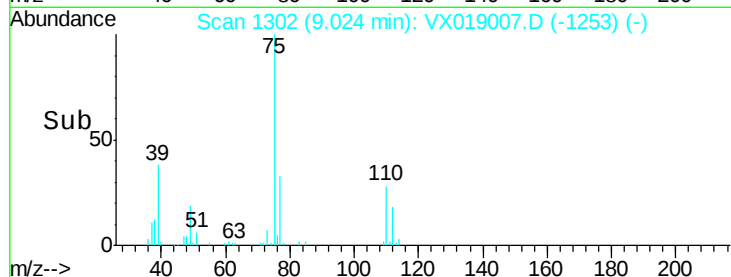
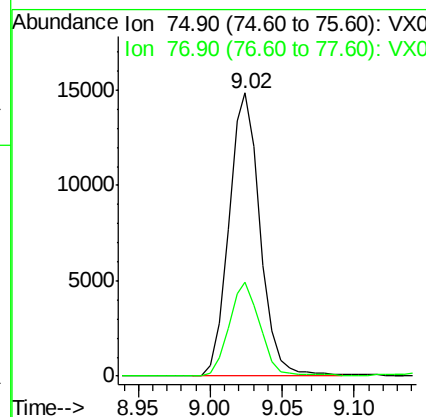
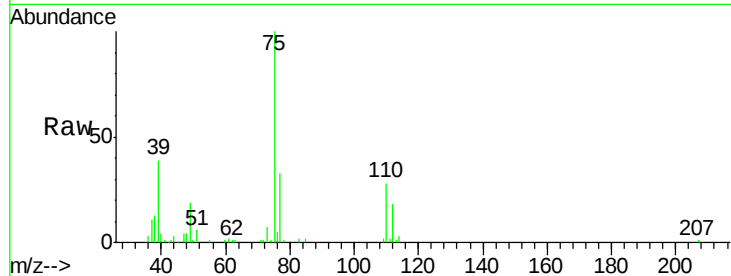
#53
t-1,3-Dichloropropene
Concen: 4.498 ug/l
RT: 9.02 min Scan# 1302
Delta R.T. -0.00 min
Lab File: VX019007.D
Acq: 21 Oct 2020 18:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
75	100		
77	33.3	25.1	37.7

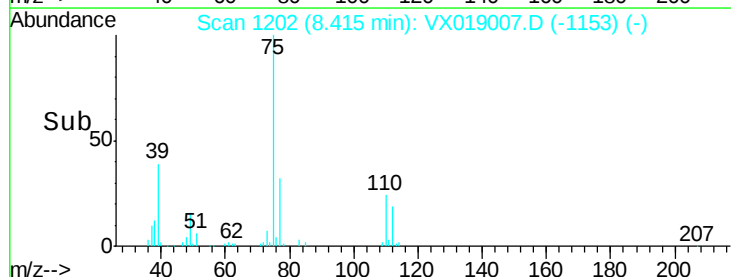
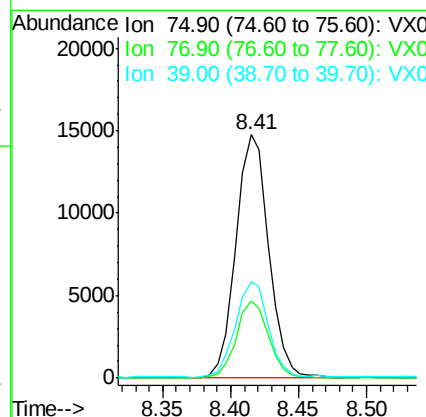
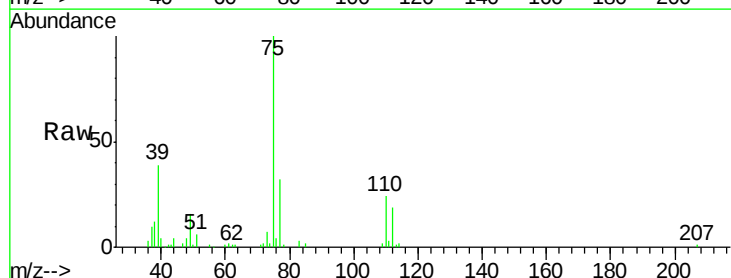
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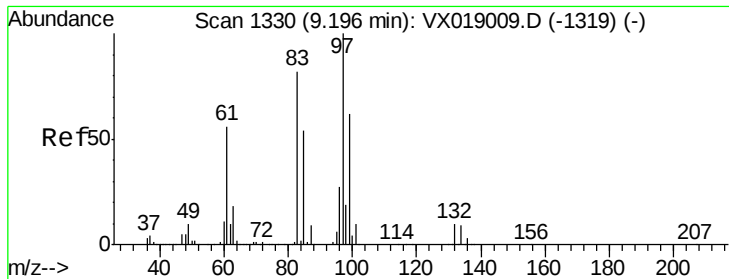
MMDadoda
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#54
cis-1,3-Dichloropropene
Concen: 4.808 ug/l
RT: 8.41 min Scan# 1202
Delta R.T. -0.00 min
Lab File: VX019007.D
Acq: 21 Oct 2020 18:23

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.7	25.9	38.9
39	39.0	31.7	47.5





#55

1,1,2-Trichloroethane

Concen: 5.179 ug/l

RT: 9.20 min Scan# 1330

Delta R.T. -0.00 min

Lab File: VX019007.D

Acq: 21 Oct 2020 18:23

Instrument :

MSVOA_X

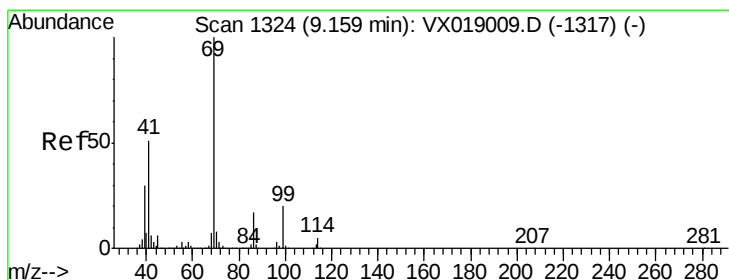
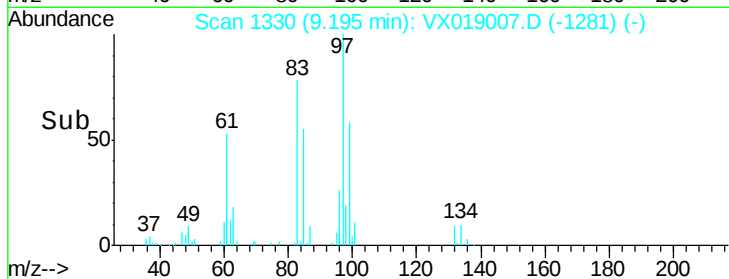
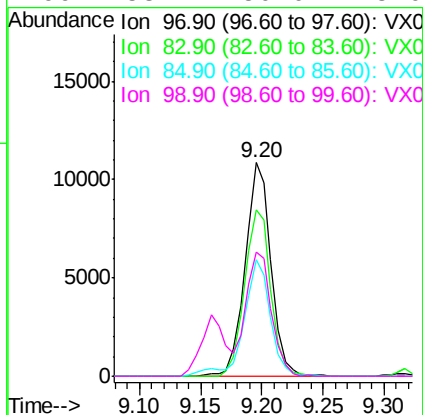
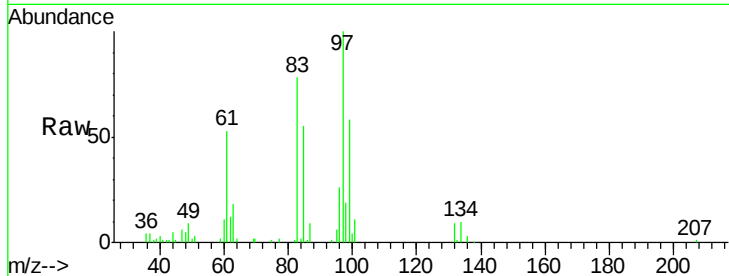
ClientSampleId :

VSTDIC005

Tot Ion:	97	Resp:	15855
Ion	Ratio	Lower	Upper
97	100		
83	78.0	65.4	98.2
85	54.8	43.3	64.9
99	58.4	50.0	75.0

Manual Integrations
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#56

Ethyl methacrylate

Concen: 4.895 ug/l

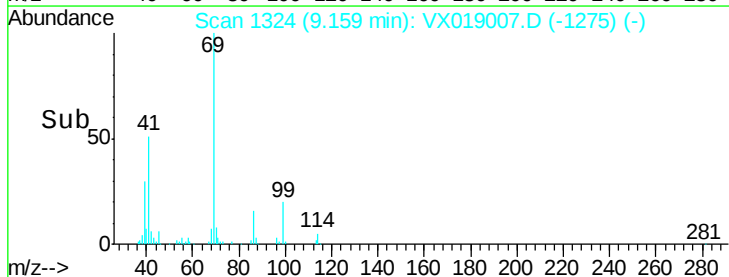
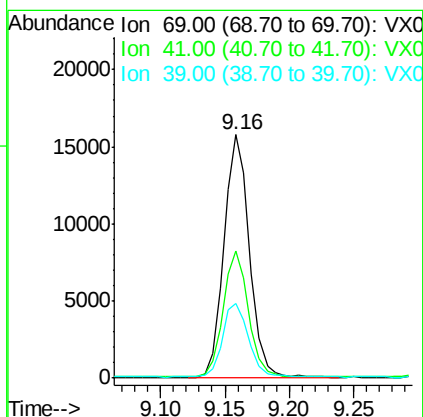
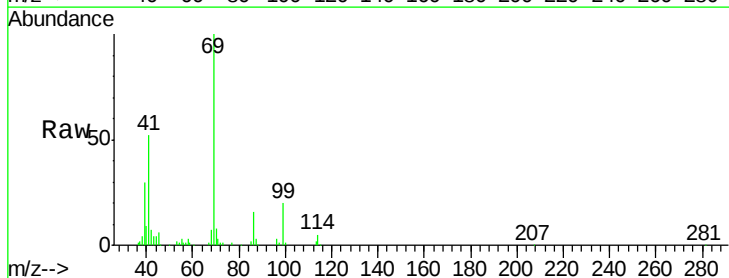
RT: 9.16 min Scan# 1324

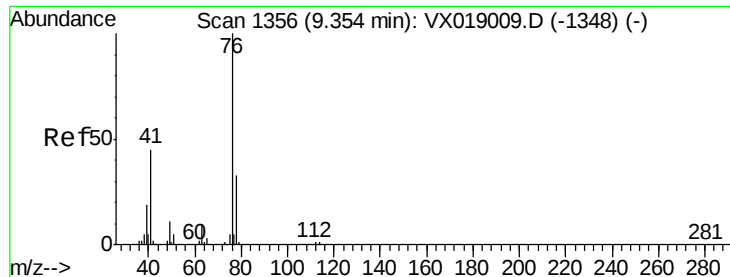
Delta R.T. -0.00 min

Lab File: VX019007.D

Acq: 21 Oct 2020 18:23

Tgt Ion:	69	Resp:	22056
Ion	Ratio	Lower	Upper
69	100		
41	50.8	41.1	61.7
39	32.9	24.6	37.0





#57

1,3-Dichloropropane

Concen: 4.987 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX019007.D

Acq: 21 Oct 2020 18:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 76 Resp: 25498

Ion Ratio Lower Upper

76 100

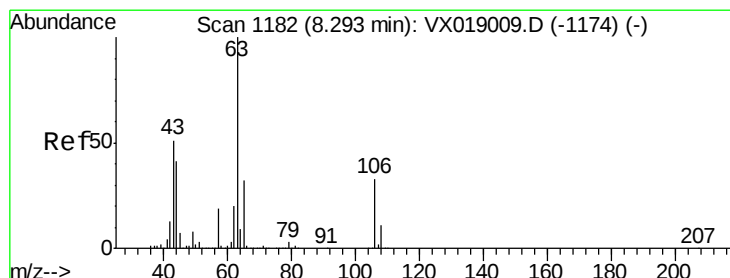
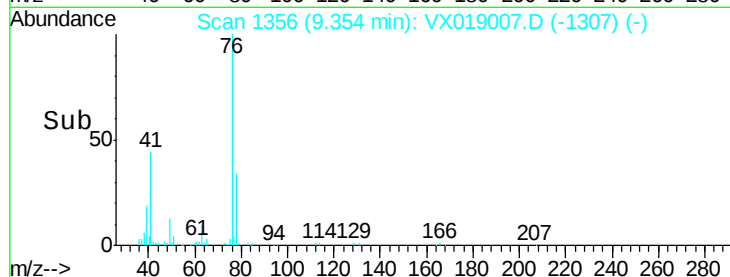
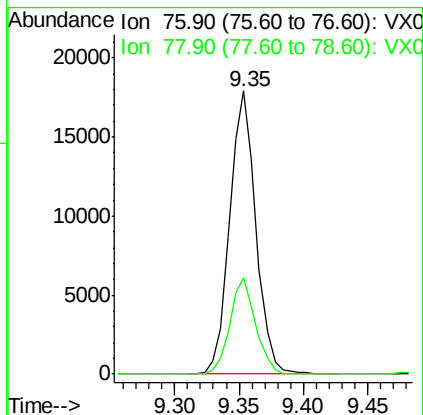
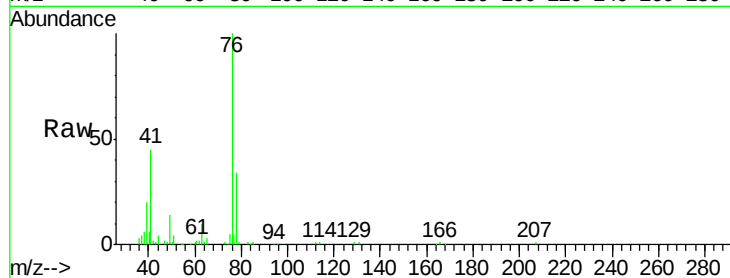
78 33.0 26.2 39.4

Manual Integrations

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10/22/2020 1:21:48 PM



#58

2-Chloroethyl Vinyl ether

Concen: 25.125 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VX019007.D

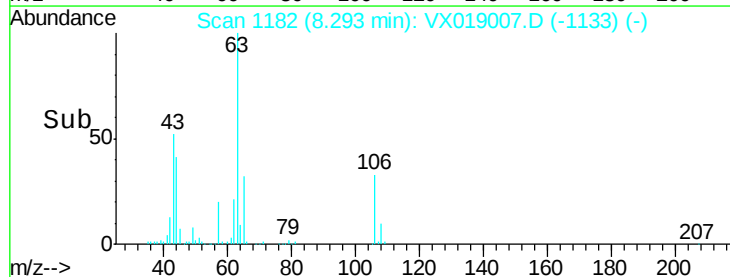
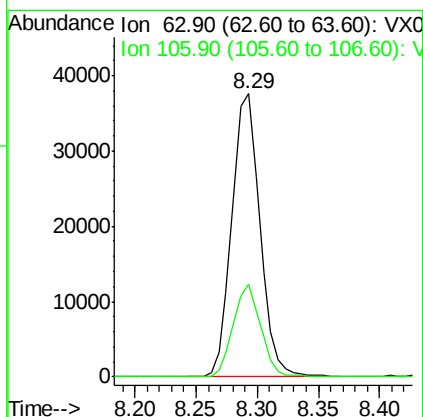
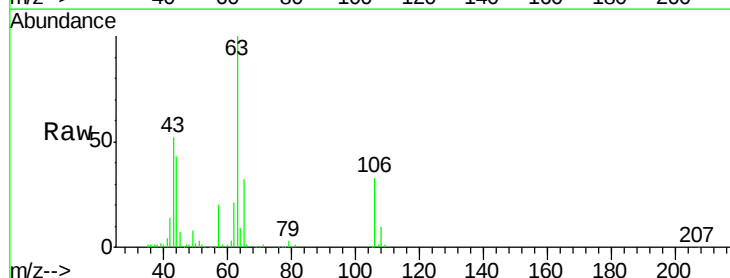
Acq: 21 Oct 2020 18:23

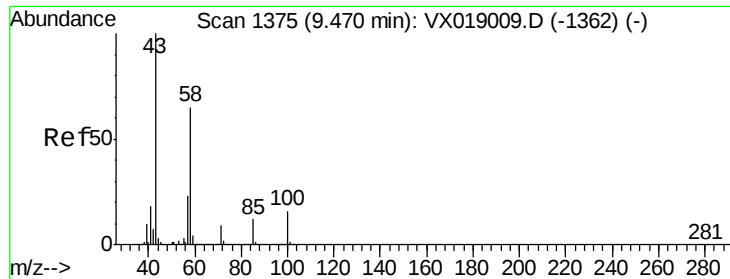
Tgt Ion: 63 Resp: 59915

Ion Ratio Lower Upper

63 100

106 32.0 26.0 39.0





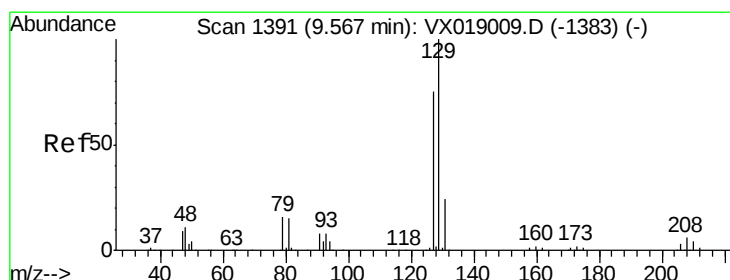
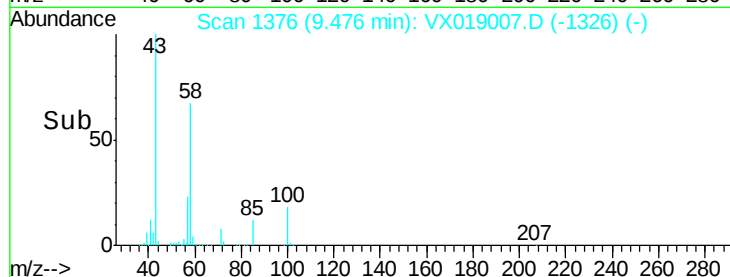
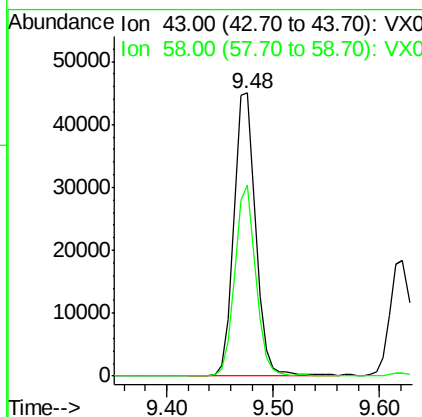
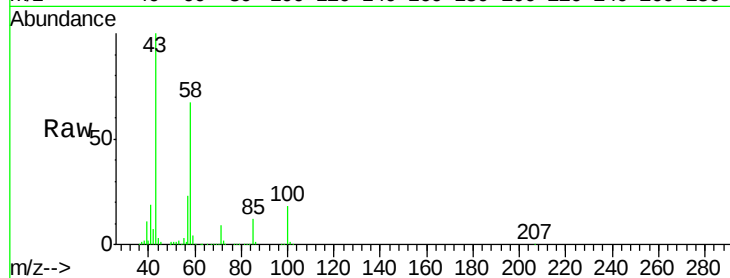
#59
2-Hexanone
Concen: 20.596 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. 0.01 min
Lab File: VX019007.D
Acq: 21 Oct 2020 18:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion: 43 Resp: 64600
Ion Ratio Lower Upper
43 100
58 65.1 32.8 98.4

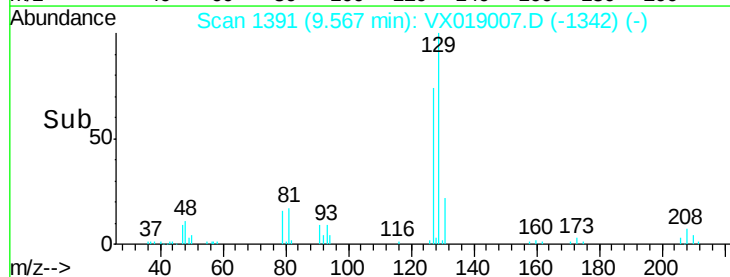
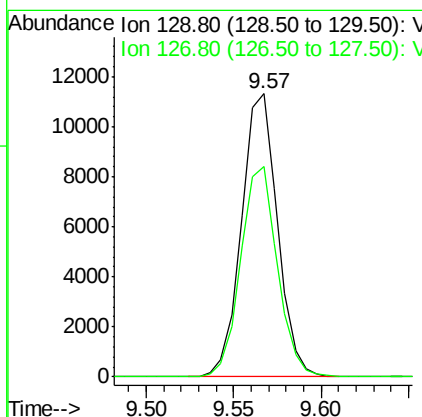
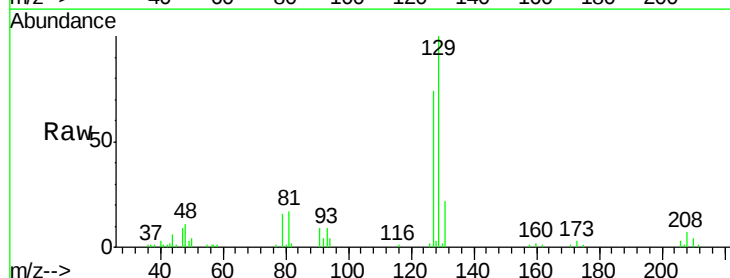
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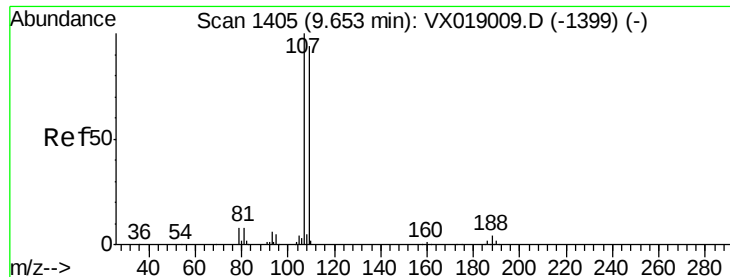
MMDadoda
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#60
Dibromochloromethane
Concen: 4.471 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX019007.D
Acq: 21 Oct 2020 18:23

Tgt Ion: 129 Resp: 16173
Ion Ratio Lower Upper
129 100
127 75.7 38.6 115.7





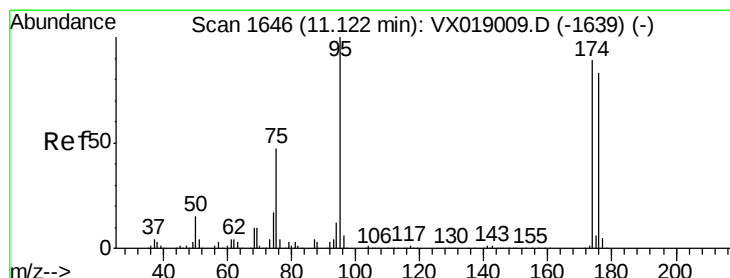
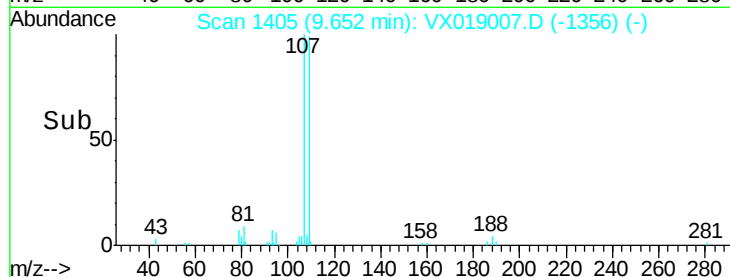
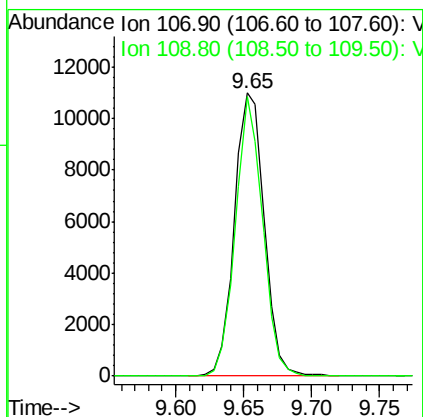
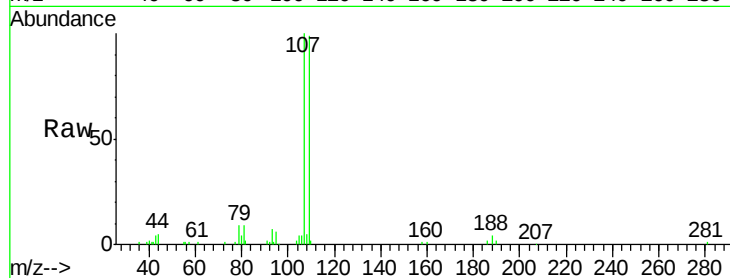
#61
 1,2-Dibromoethane
 Concen: 5.146 ug/l
 RT: 9.65 min Scan# 1405
 Delta R.T. -0.00 min
 Lab File: VX019007.D
 Acq: 21 Oct 2020 18:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
107	100		
109	90.0	75.0	112.6

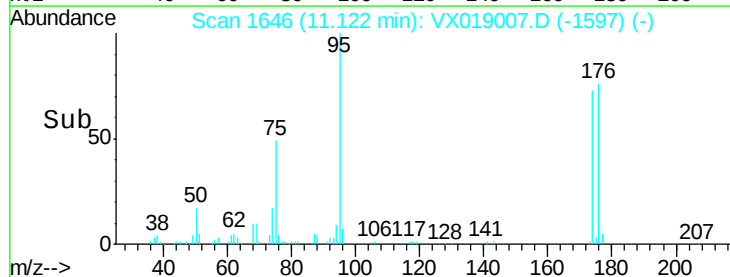
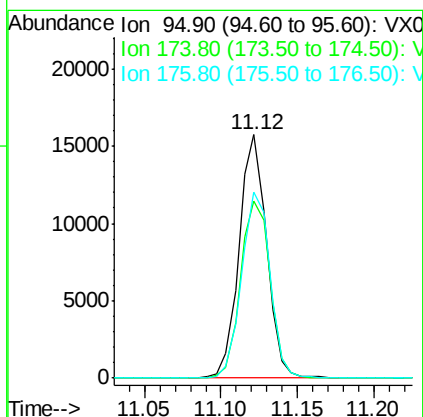
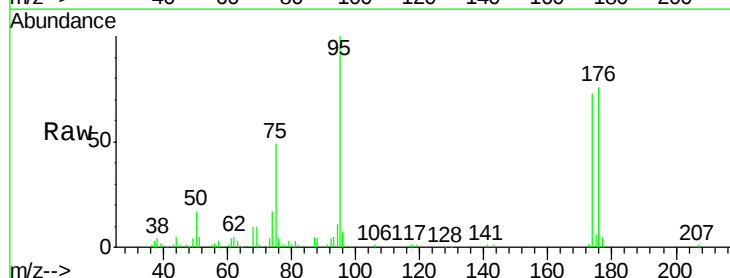
Manual Integrations
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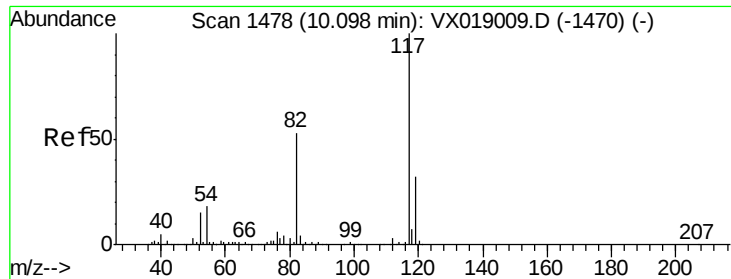
MMDadoda
 10/22/2020 1:21:48 PM



#62
 4-Bromofluorobenzene
 Concen: 4.747 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. -0.00 min
 Lab File: VX019007.D
 Acq: 21 Oct 2020 18:23

Tgt Ion	Ratio	Lower	Upper
95	100		
174	78.2	0.0	167.6
176	79.0	0.0	165.2





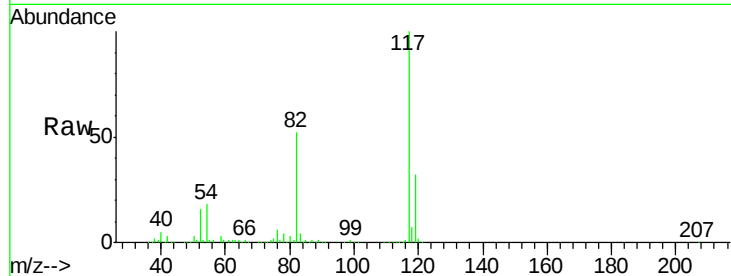
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX019007.D
Acq: 21 Oct 2020 18:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Resp	Lower	Upper
117	100	383237		
82	51.8	42.4	63.6	
119	31.5	25.6	38.4	

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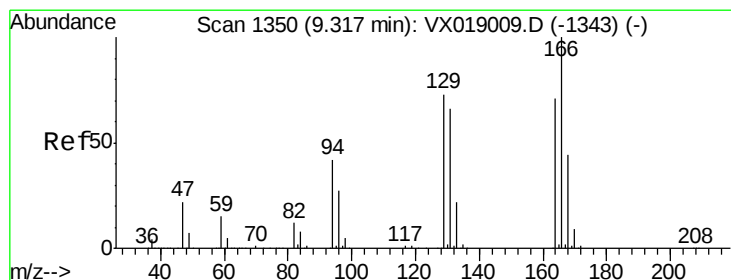
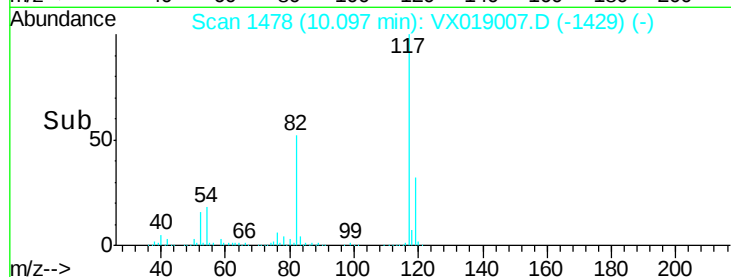
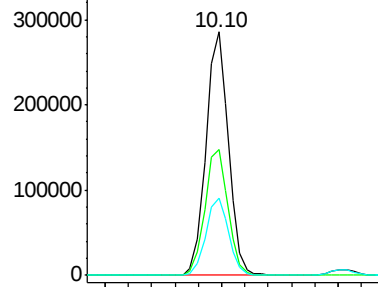


Abundance

Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64
Tetrachloroethene
Concen: 5.174 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX019007.D
Acq: 21 Oct 2020 18:23

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	15462		
166	128.3	112.2	168.4	
129	100.7	81.8	122.8	
131	94.7	74.6	112.0	

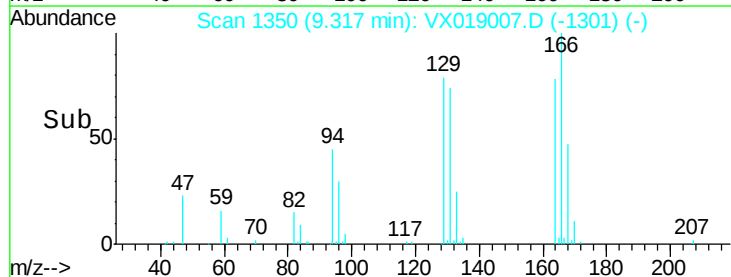
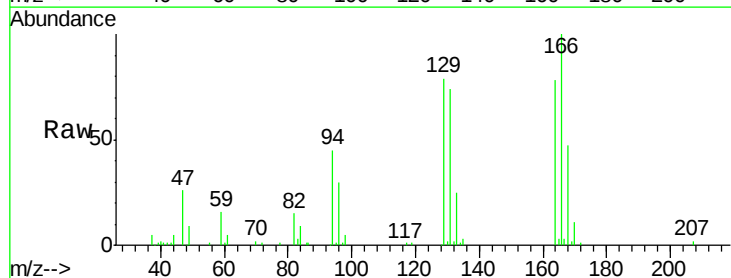
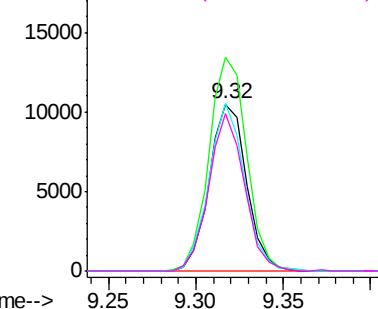
Abundance

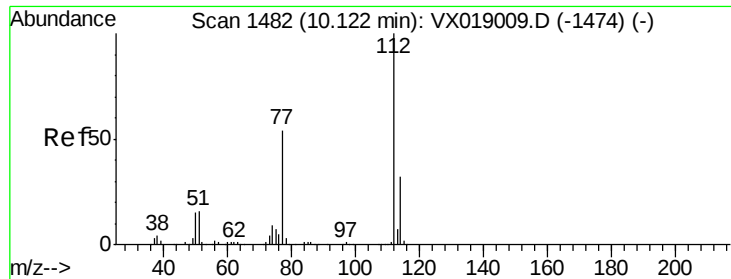
Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V





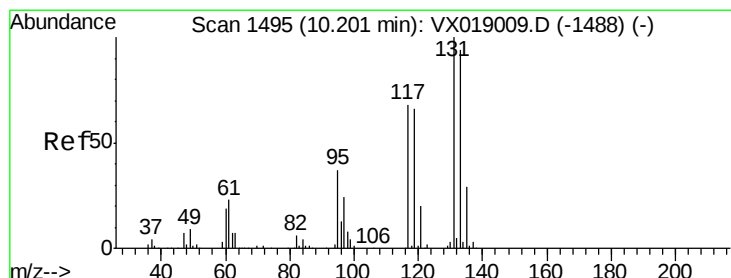
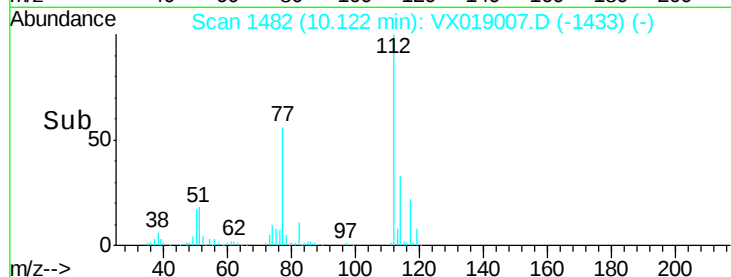
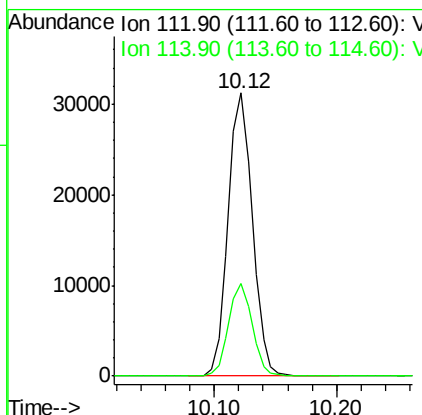
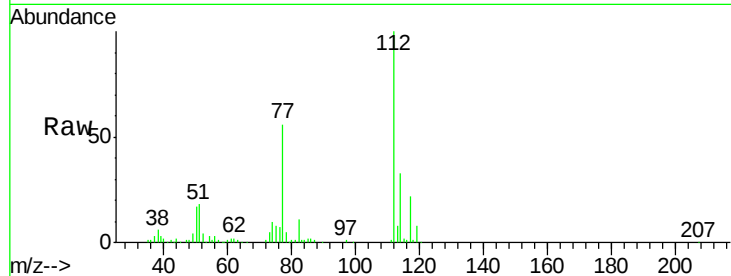
#65
Chlorobenzene
Concen: 5.418 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX019007.D
Acq: 21 Oct 2020 18:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.5	25.5	38.3

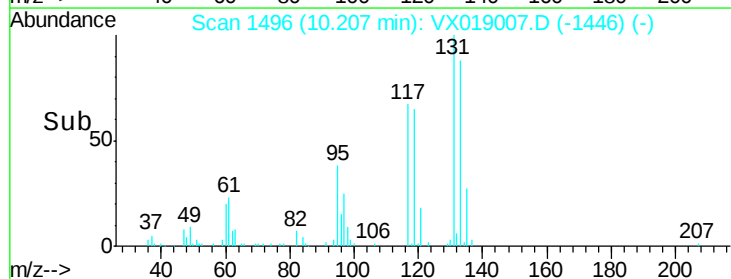
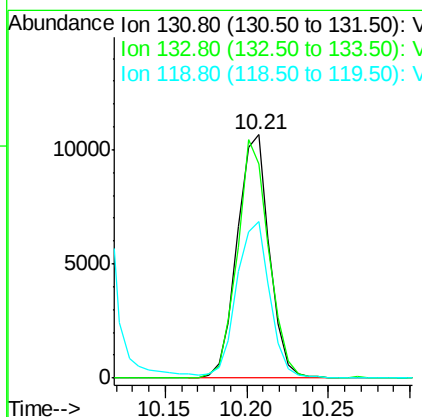
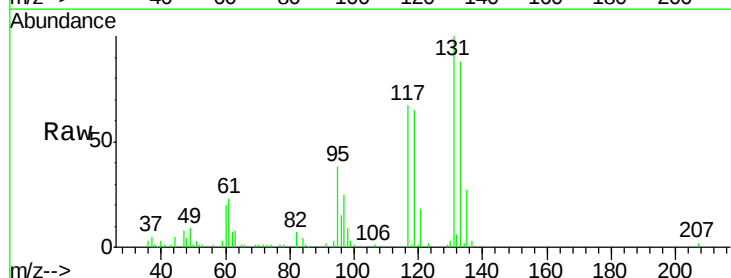
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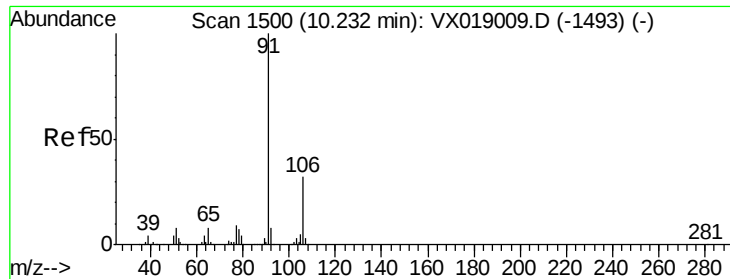
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 4.667 ug/l
RT: 10.21 min Scan# 1496
Delta R.T. 0.01 min
Lab File: VX019007.D
Acq: 21 Oct 2020 18:23

Tgt Ion	Ratio	Lower	Upper
131	100		
133	96.0	47.0	141.2
119	66.6	32.9	98.7





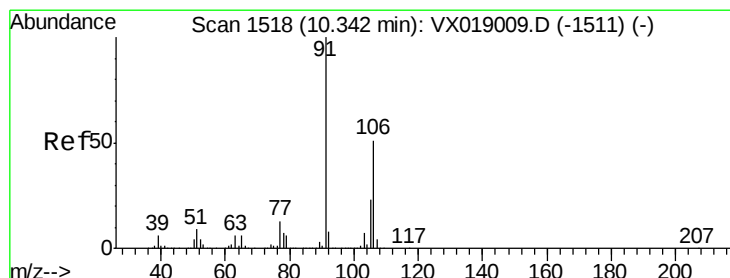
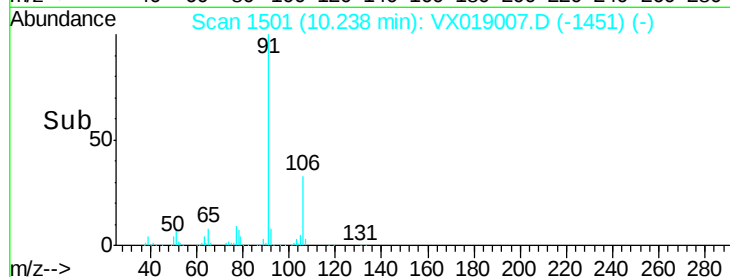
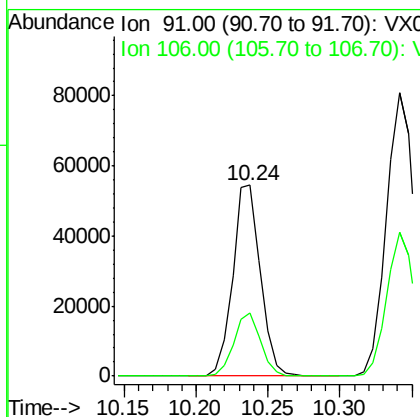
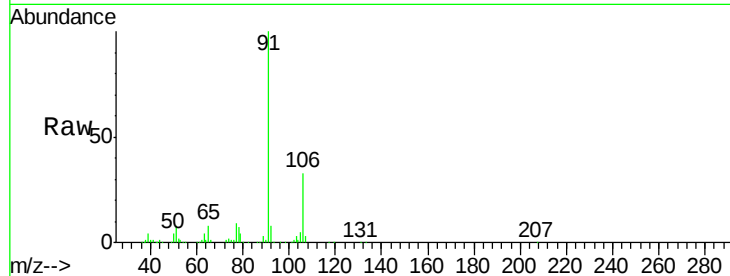
#67
Ethyl Benzene
Concen: 5.407 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. 0.01 min
Lab File: VX019007.D
Acq: 21 Oct 2020 18:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion: 91 Resp: 73733
Ion Ratio Lower Upper
91 100
106 33.1 25.3 37.9

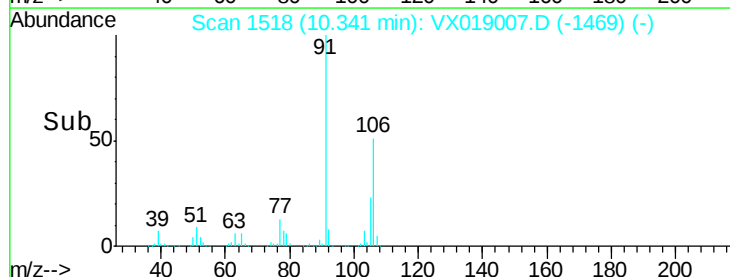
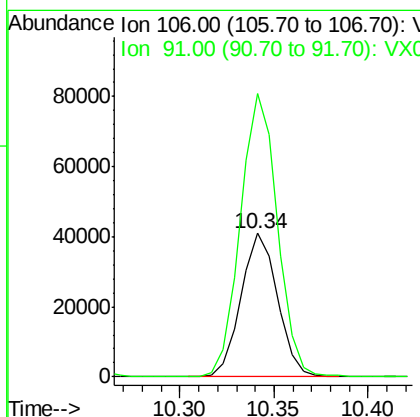
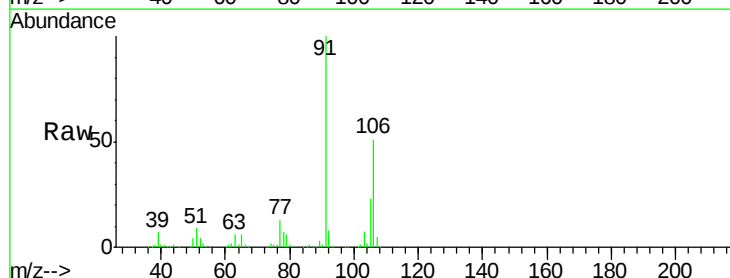
Manual Integrations
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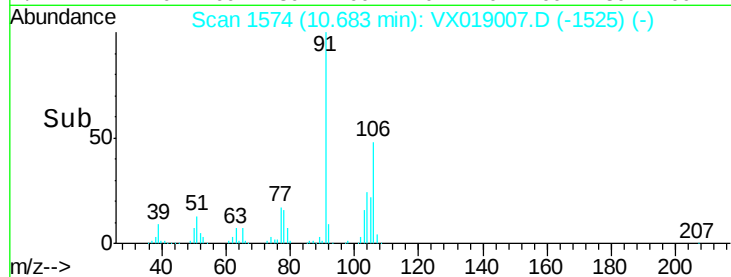
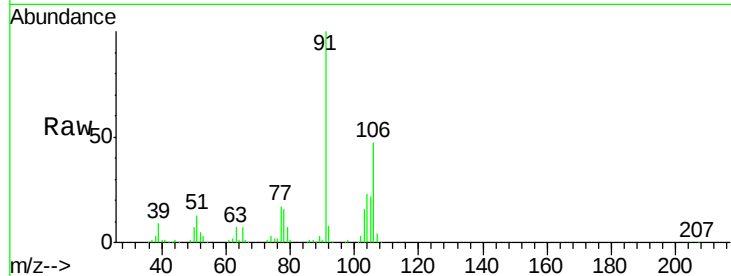
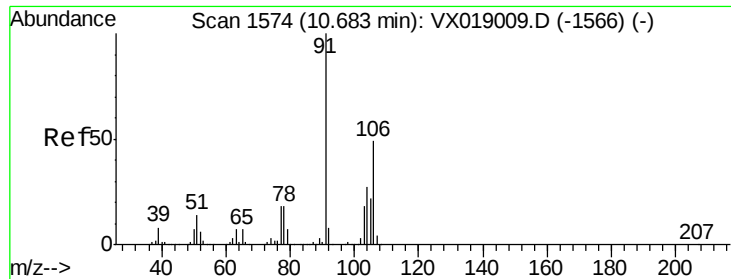
MMDadoda
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#68
m/p-Xylenes
Concen: 10.653 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX019007.D
Acq: 21 Oct 2020 18:23

Tgt Ion: 106 Resp: 55362
Ion Ratio Lower Upper
106 100
91 199.2 156.9 235.3





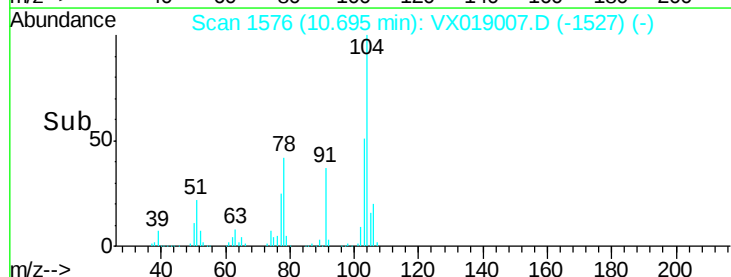
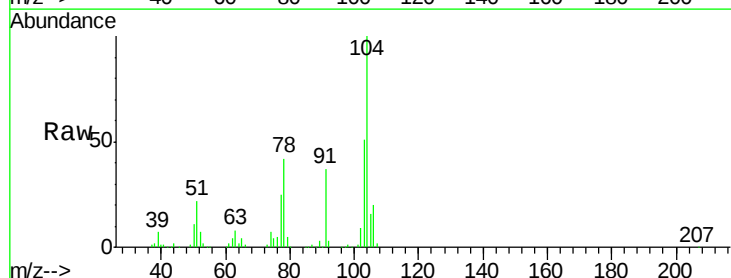
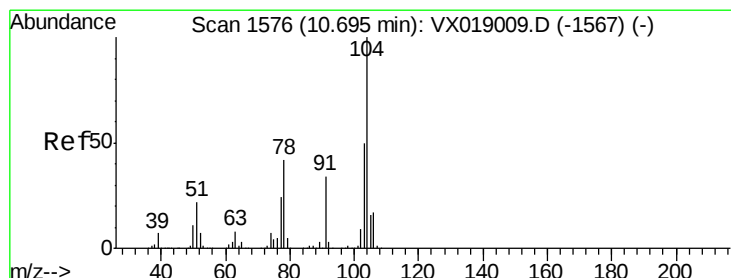
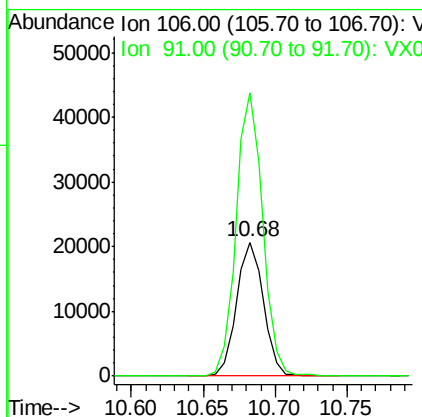
#69
o-Xylene
Concen: 5.475 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX019007.D
Acq: 21 Oct 2020 18:23

Tot Ion:106 Resp: 26919
Ion Ratio Lower Upper
106 100
91 209.0 104.0 312.0

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

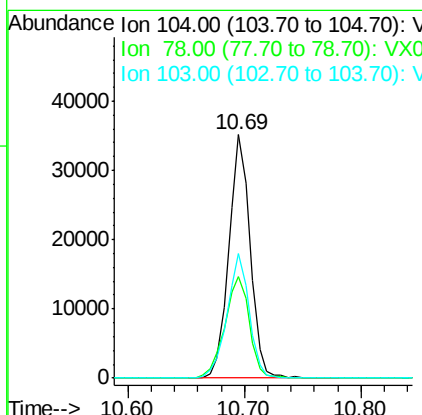
Manual Integrations
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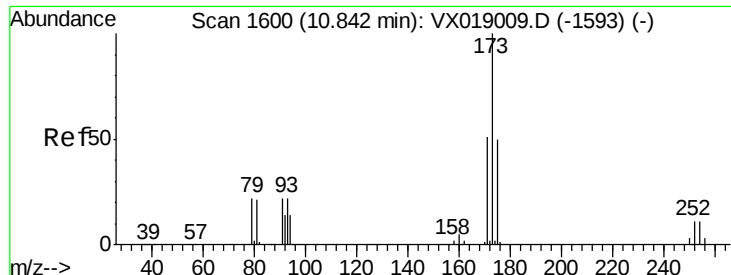
MMDadoda
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#70
Styrene
Concen: 5.320 ug/l
RT: 10.69 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX019007.D
Acq: 21 Oct 2020 18:23

Tgt Ion:104 Resp: 44855
Ion Ratio Lower Upper
104 100
78 48.0 37.7 56.5
103 53.1 43.5 65.3





#71

Bromoform

Concen: 4.286 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX019007.D

Acq: 21 Oct 2020 18:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion:173 Resp: 11167

Ion Ratio Lower Upper

173 100

175 49.7 24.1 72.4

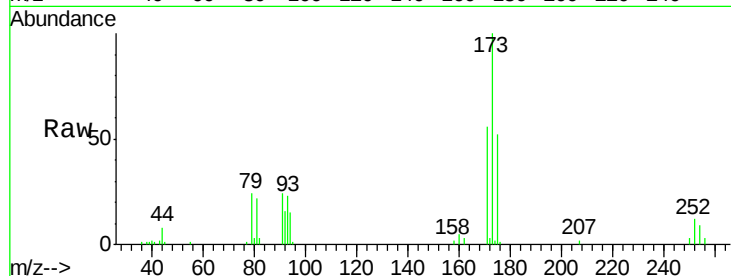
254 0.0 0.1 0.1#

Manual Integrations

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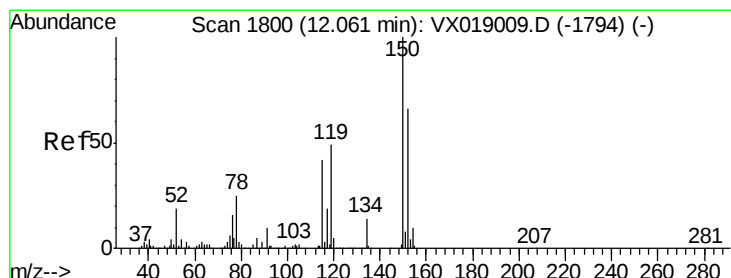
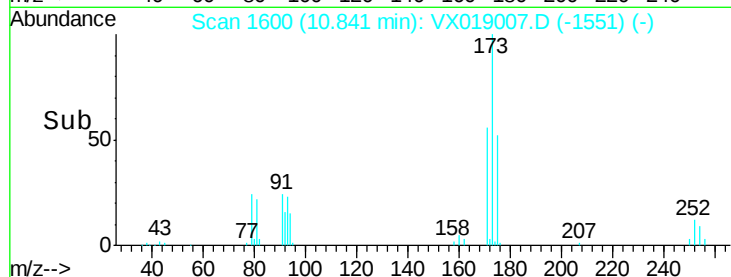
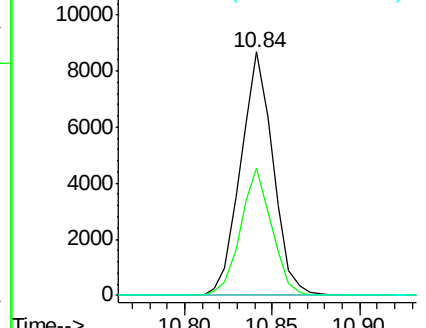
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Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX019007.D

Acq: 21 Oct 2020 18:23

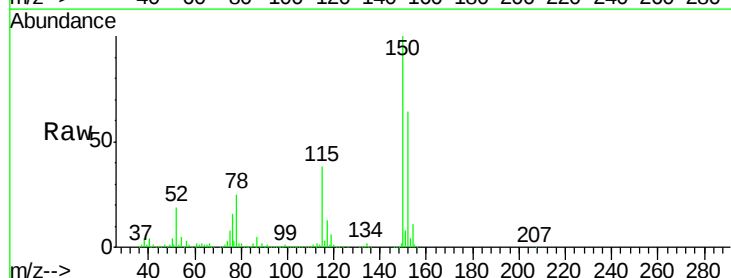
Tgt Ion:152 Resp: 187450

Ion Ratio Lower Upper

152 100

115 61.0 40.8 122.5

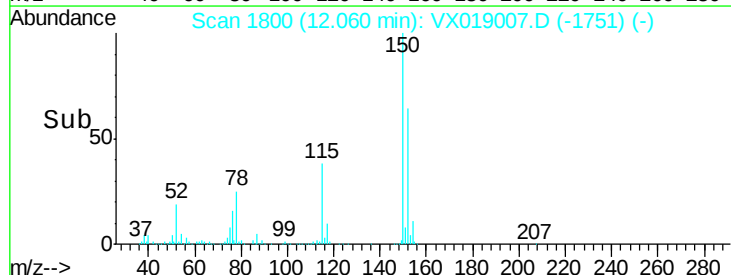
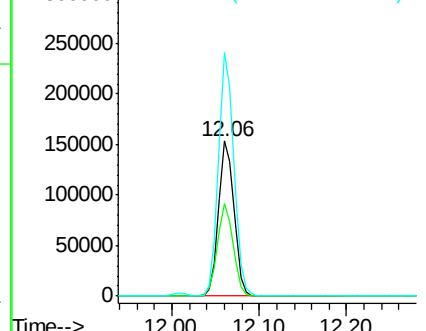
150 156.9 0.0 345.6

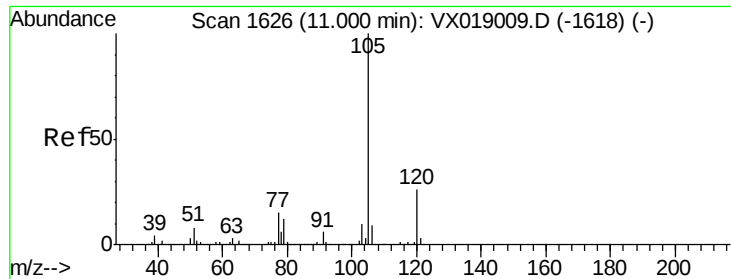


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





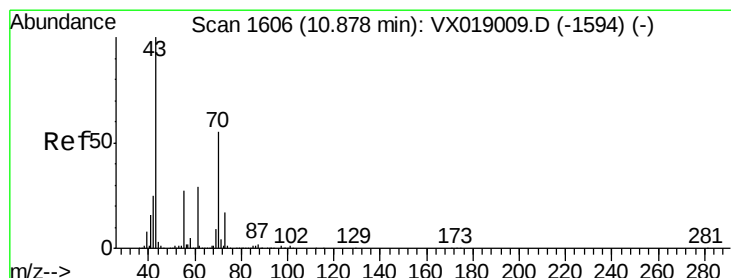
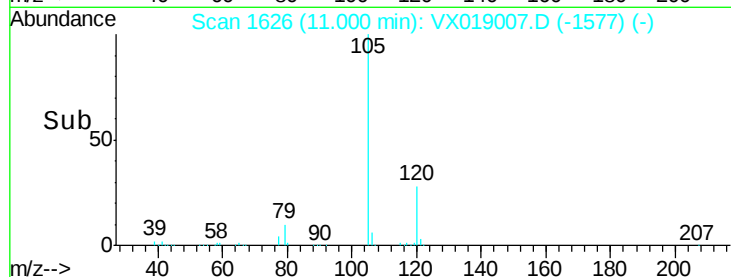
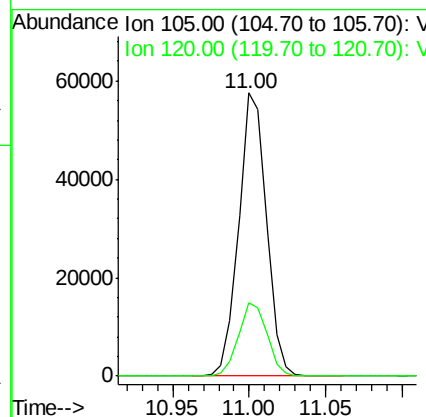
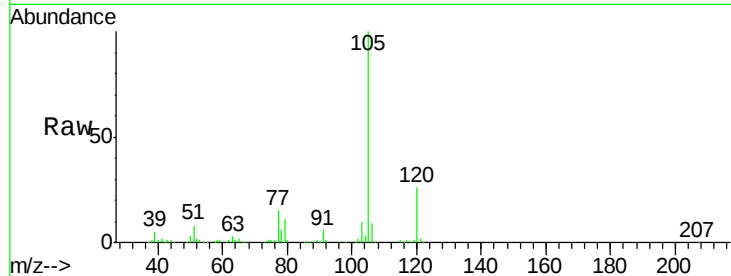
#73
Isopropylbenzene
Concen: 5.704 ug/l
RT: 11.00 min Scan# 1626
Delta R.T. -0.00 min
Lab File: VX019007.D
Acq: 21 Oct 2020 18:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
105	100		
120	26.9	13.4	40.1

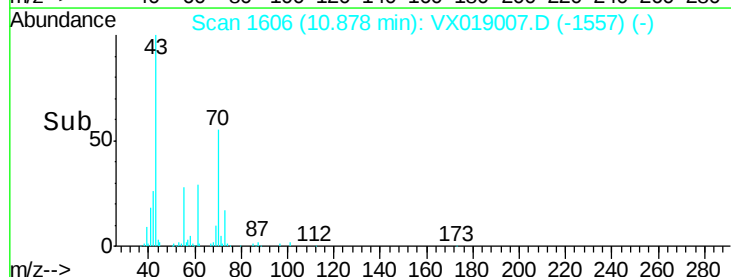
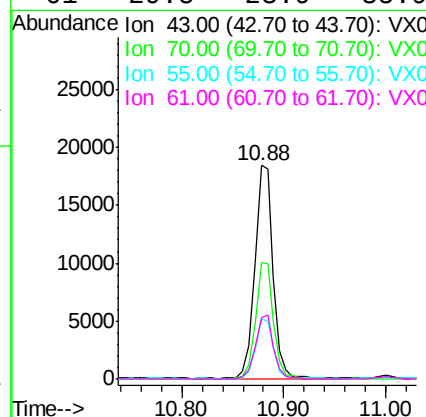
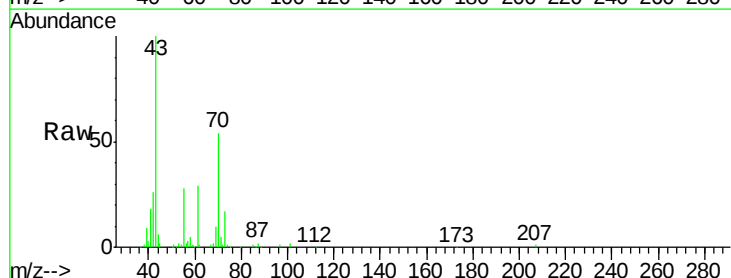
Manual Integrations
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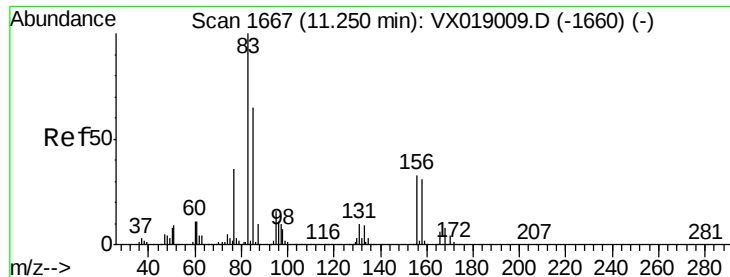
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#74
N-ethyl acetate
Concen: 4.270 ug/l
RT: 10.88 min Scan# 1606
Delta R.T. -0.00 min
Lab File: VX019007.D
Acq: 21 Oct 2020 18:23

Tgt Ion	Ratio	Lower	Upper
43	100		
70	53.7	44.5	66.7
55	28.4	21.9	32.9
61	29.5	23.9	35.9





#75

1,1,2,2-Tetrachloroethane

Concen: 5.343 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX019007.D

Acq: 21 Oct 2020 18:23

Instrument :

MSVOA_X

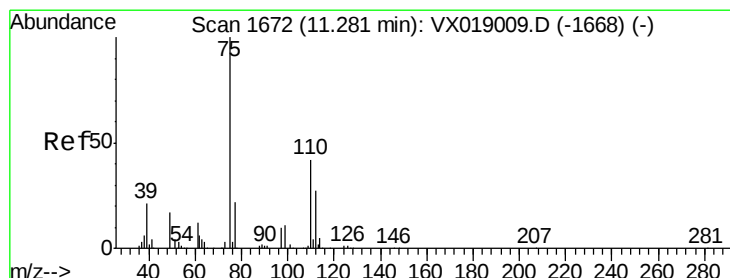
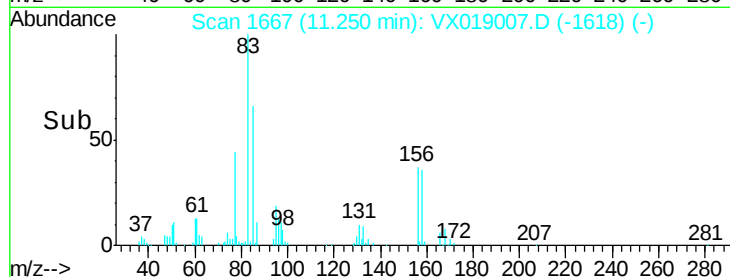
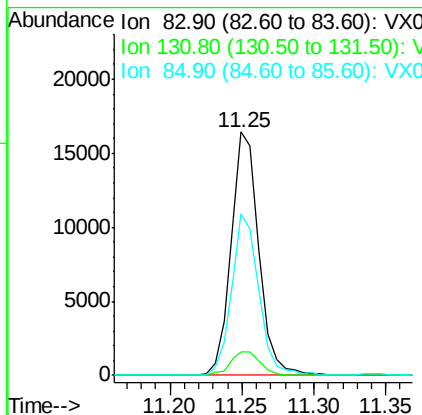
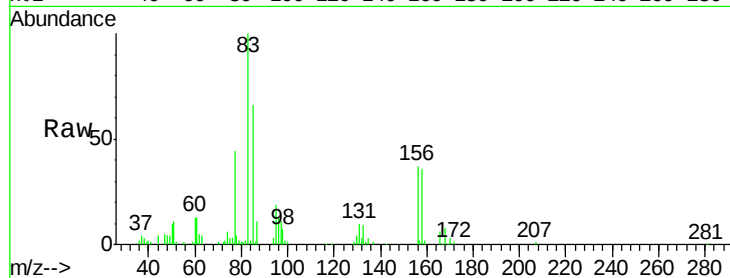
ClientSampleId :

VSTDIC005

Tot Ion	83	Resp	22175
Ion Ratio	Lower	Upper	
83	100		
131	10.4	5.1	15.4
85	65.1	32.3	96.8

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 5.202 ug/l m

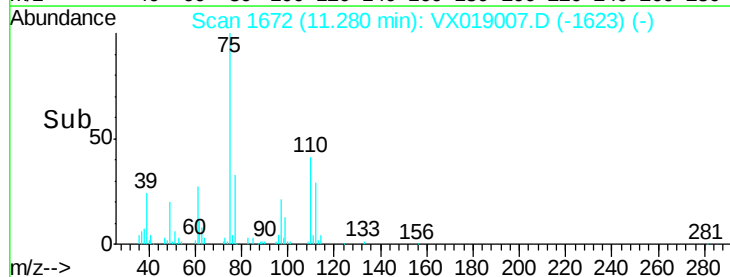
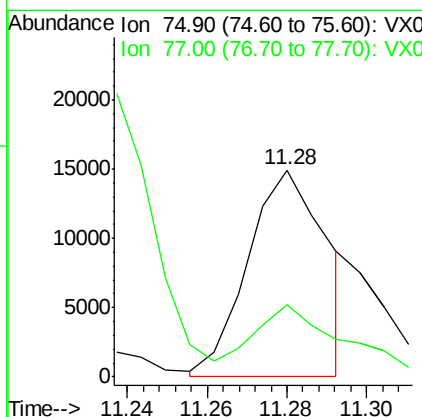
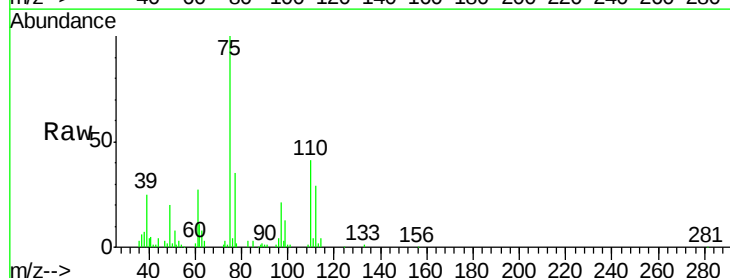
RT: 11.28 min Scan# 1672

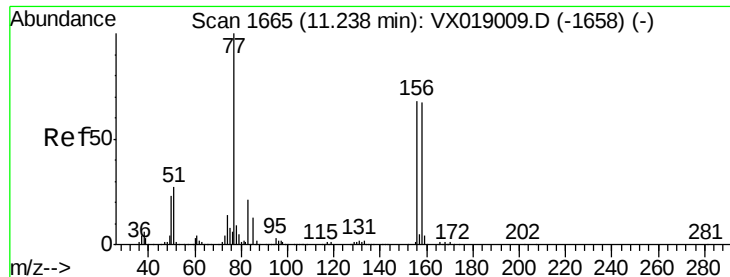
Delta R.T. -0.00 min

Lab File: VX019007.D

Acq: 21 Oct 2020 18:23

Tgt Ion	75	Resp	20360
Ion Ratio	Lower	Upper	
75	100		
77	41.2	20.7	62.1





#77

Bromobenzene

Concen: 5.124 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX019007.D

Acq: 21 Oct 2020 18:23

Instrument :

MSVOA_X

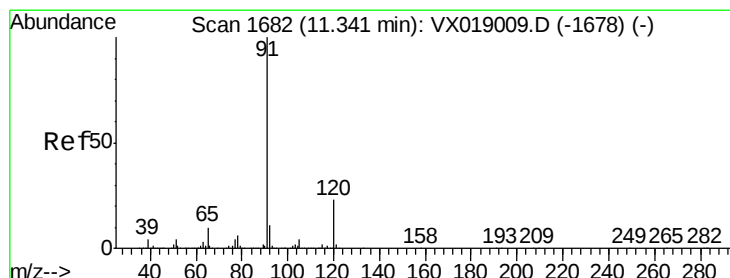
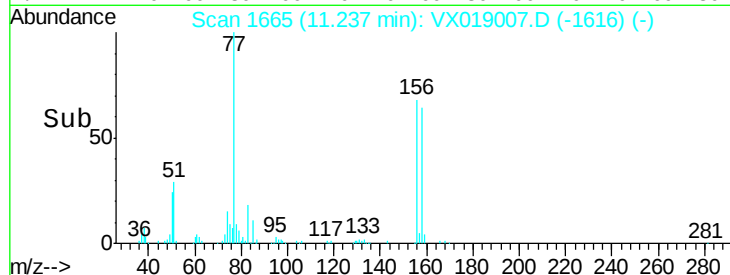
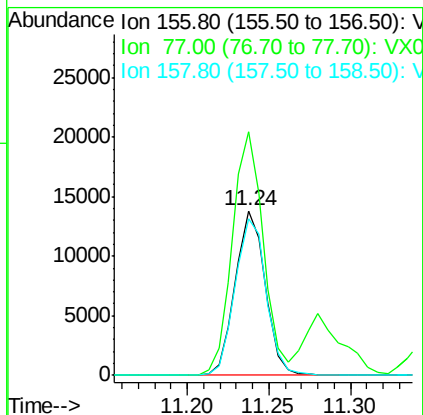
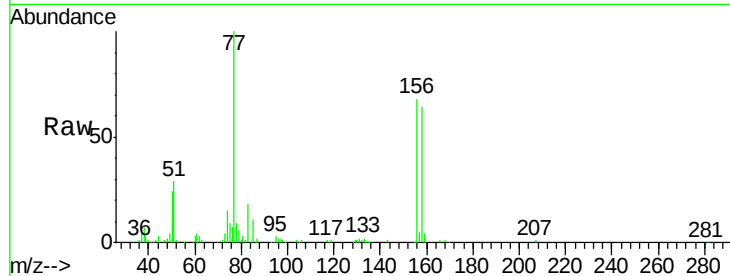
ClientSampleId :

VSTDIC005

Tot Ion:	156	Resp:	17732
Ion Ratio	Lower	Upper	
156	100		
77	152.2	74.4	223.1
158	98.0	48.8	146.3

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#78

n-propylbenzene

Concen: 5.553 ug/l

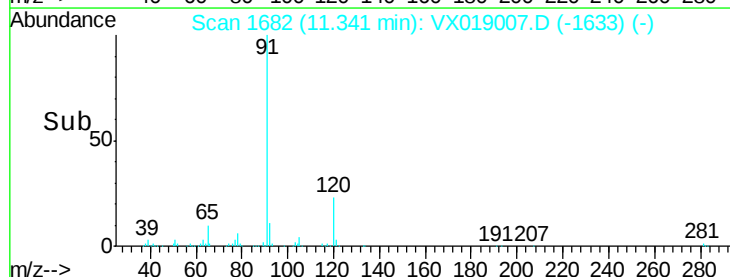
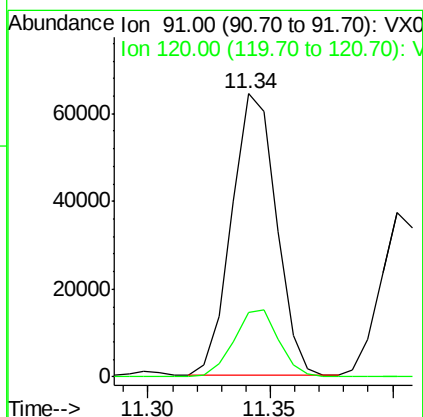
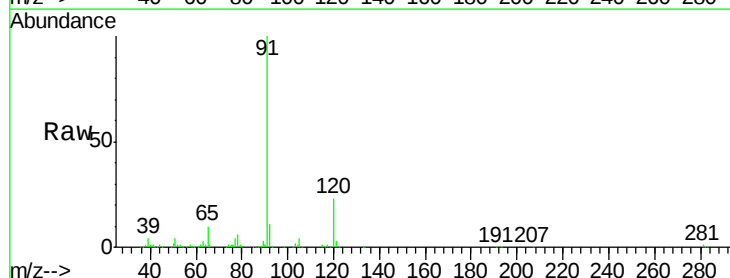
RT: 11.34 min Scan# 1682

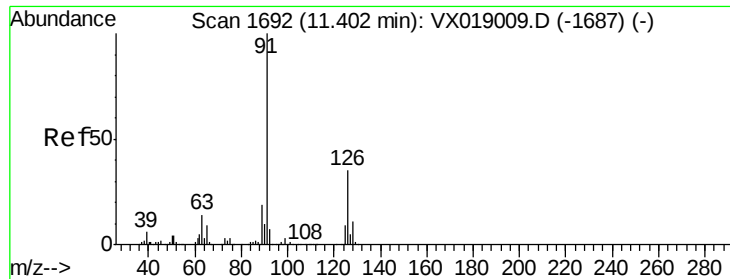
Delta R.T. -0.00 min

Lab File: VX019007.D

Acq: 21 Oct 2020 18:23

Tgt Ion:	91	Resp:	81883
Ion Ratio	Lower	Upper	
91	100		
120	23.8	12.1	36.3





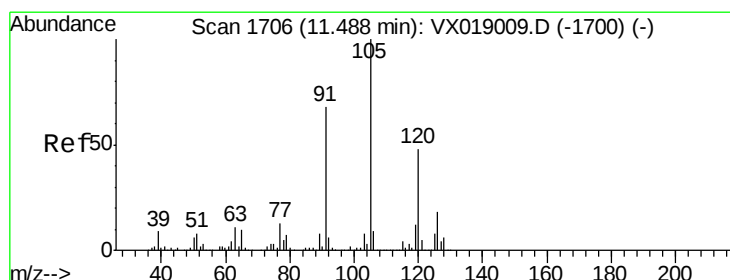
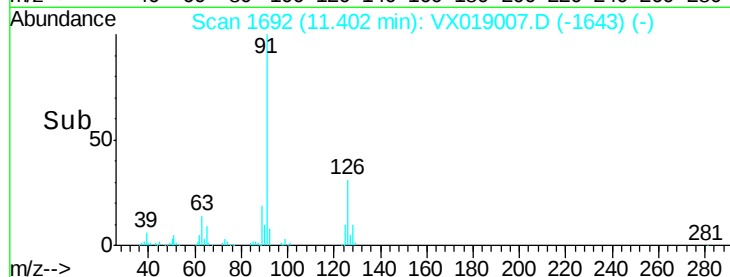
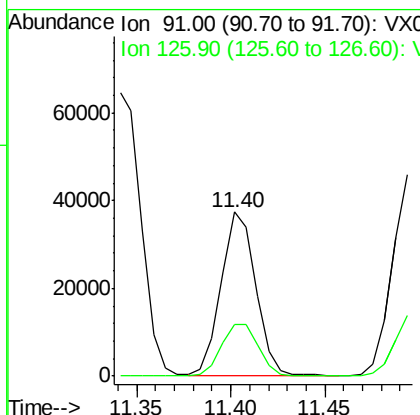
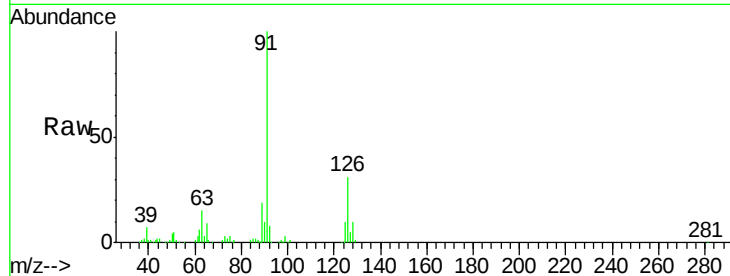
#79
2-Chlorotoluene
Concen: 5.367 ug/l
RT: 11.40 min Scan# 1692
Delta R.T. -0.00 min
Lab File: VX019007.D
Acq: 21 Oct 2020 18:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion: 91 Resp: 47656
Ion Ratio Lower Upper
91 100
126 34.3 17.5 52.5

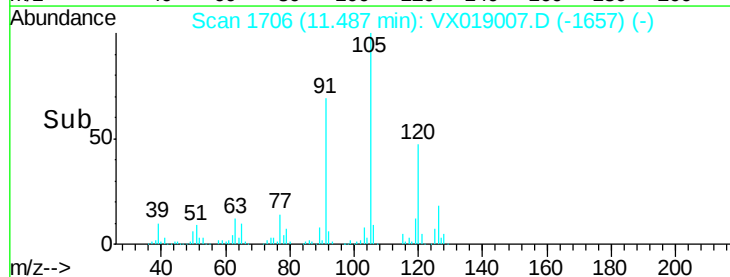
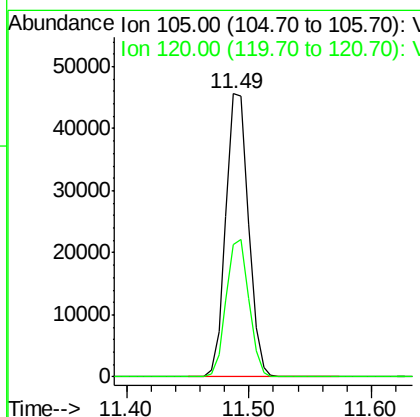
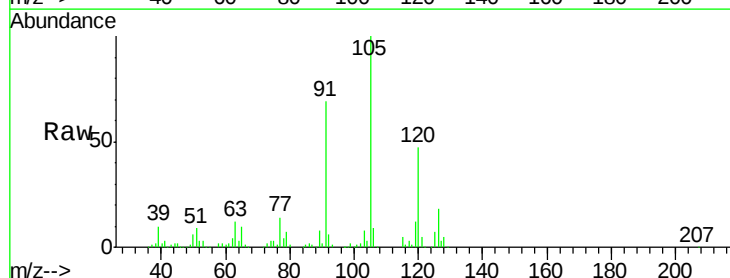
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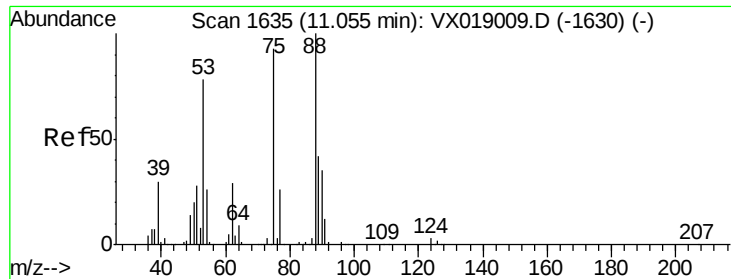
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#80
1,3,5-Trimethylbenzene
Concen: 5.449 ug/l
RT: 11.49 min Scan# 1706
Delta R.T. -0.00 min
Lab File: VX019007.D
Acq: 21 Oct 2020 18:23

Tgt Ion: 105 Resp: 58722
Ion Ratio Lower Upper
105 100
120 48.4 25.2 75.6





#81

trans-1,4-Dichloro-2-butene

Concen: 4.829 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. 0.01 min

Lab File: VX019007.D

Acq: 21 Oct 2020 18:23

Instrument :

MSVOA_X

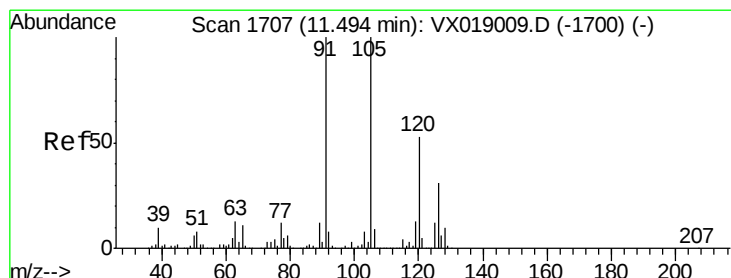
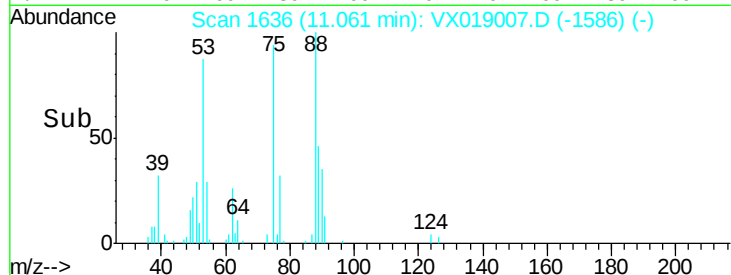
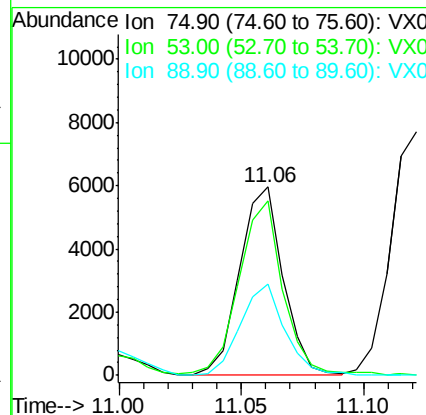
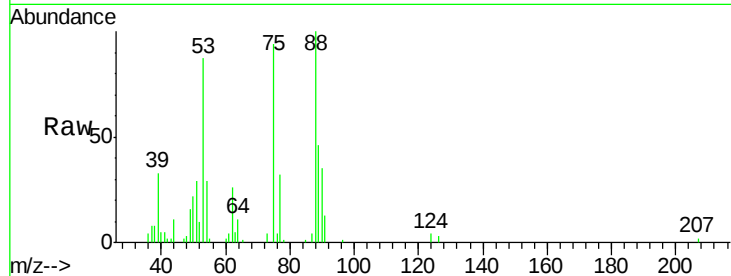
ClientSampleId :

VSTDIC005

Tot Ion:	75	Resp:	7384
Ion	Ratio	Lower	Upper
75	100		
53	94.4	67.4	101.2
89	49.7	37.2	55.8

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#82

4-Chlorotoluene

Concen: 5.320 ug/l

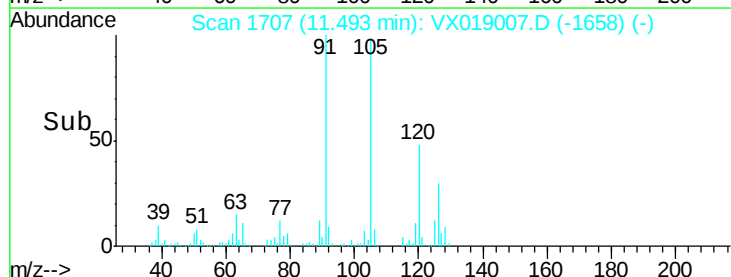
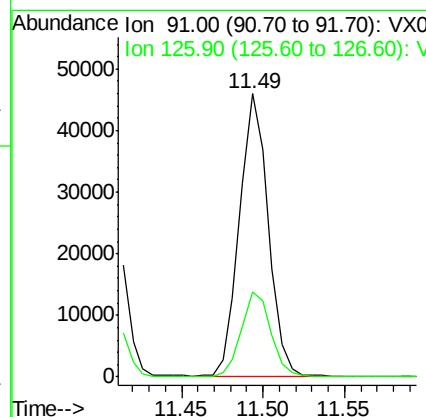
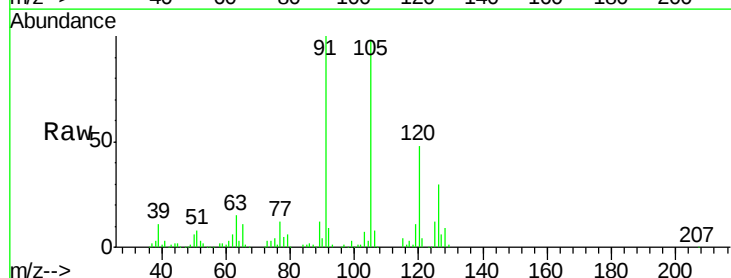
RT: 11.49 min Scan# 1707

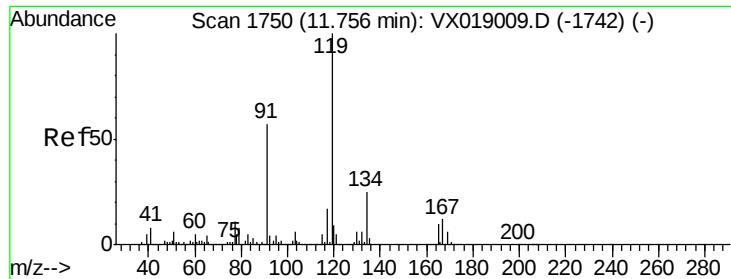
Delta R.T. -0.00 min

Lab File: VX019007.D

Acq: 21 Oct 2020 18:23

Tgt Ion:	91	Resp:	56143
Ion	Ratio	Lower	Upper
91	100		
126	31.1	15.6	46.7





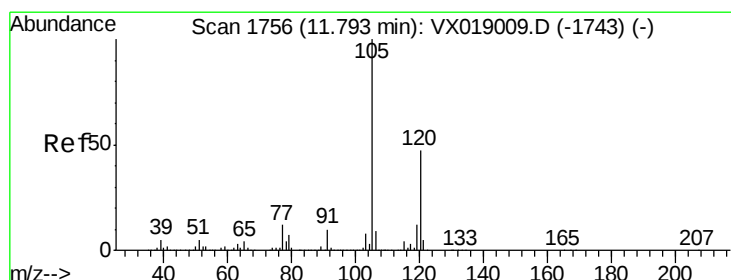
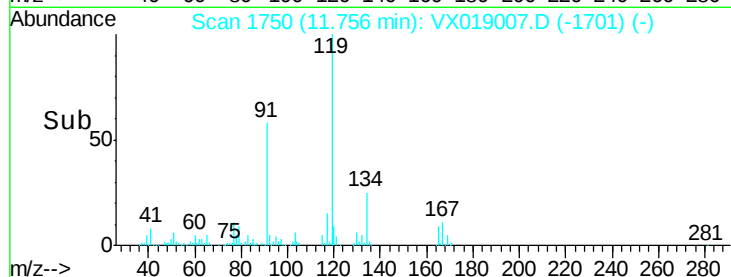
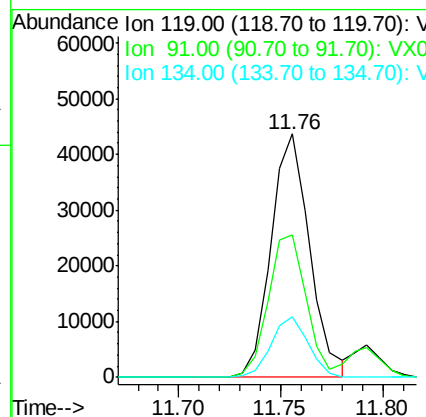
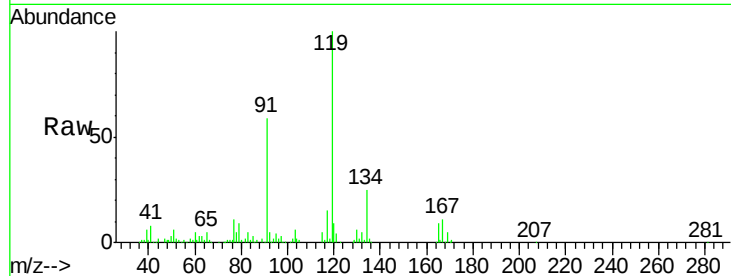
#83
tert-Butylbenzene
Concen: 5.480 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX019007.D
Acq: 21 Oct 2020 18:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Resp	Lower	Upper
119	100	57550		
91	57.5	28.1	84.4	
134	24.0	11.8	35.3	

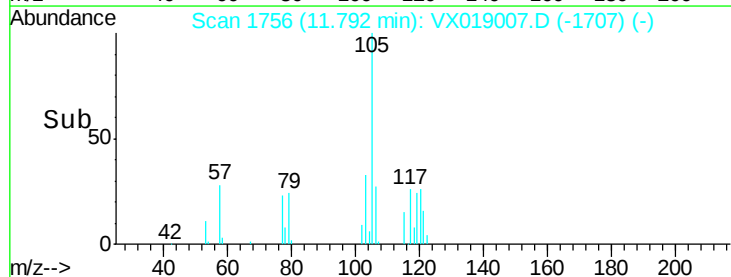
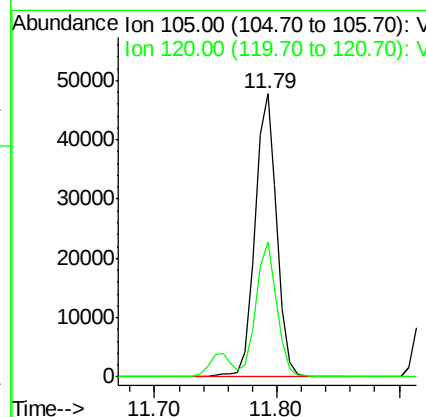
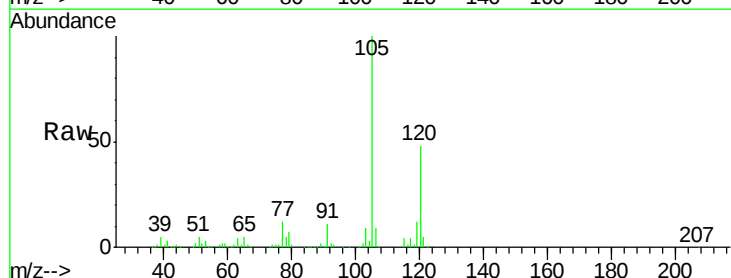
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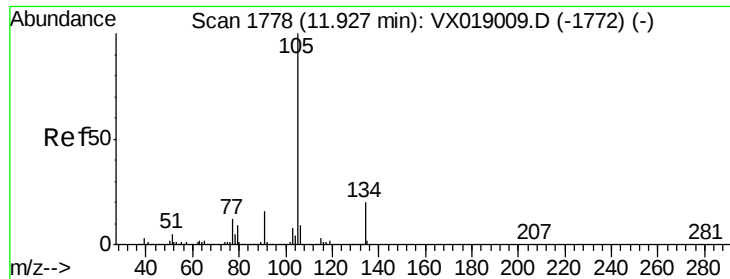
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#84
1,2,4-Trimethylbenzene
Concen: 5.450 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VX019007.D
Acq: 21 Oct 2020 18:23

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	59012		
120	46.2	22.9	68.8	





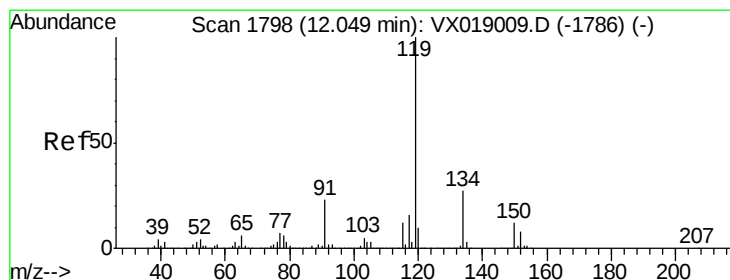
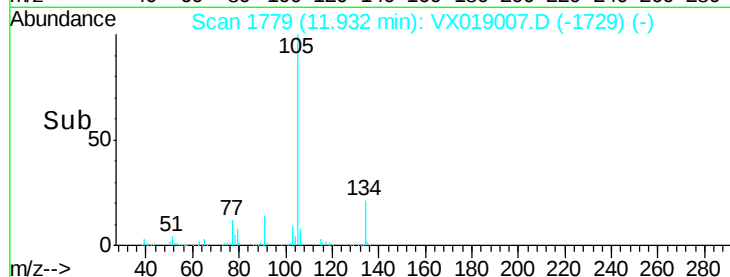
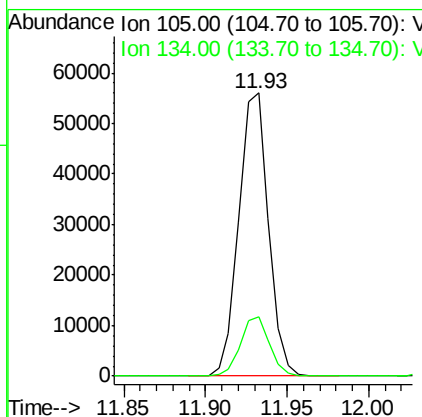
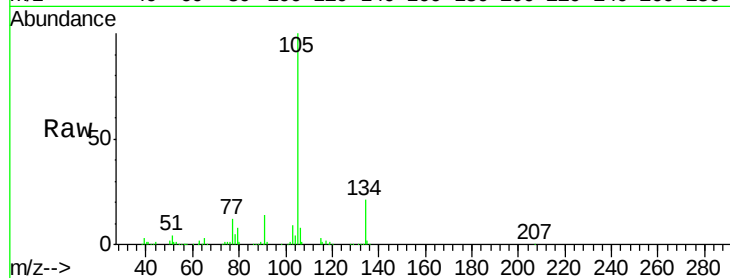
#85
 sec-Butylbenzene
 Concen: 5.718 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. 0.01 min
 Lab File: VX019007.D
 Acq: 21 Oct 2020 18:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
105	100		
134	20.5	10.4	31.1

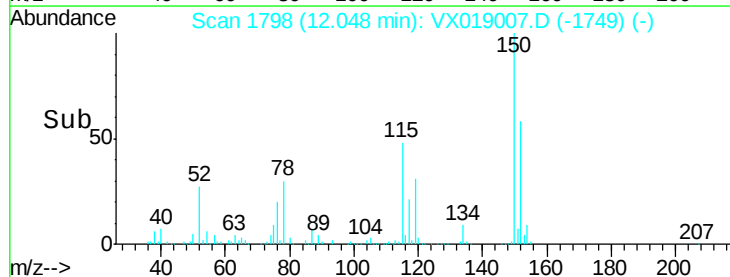
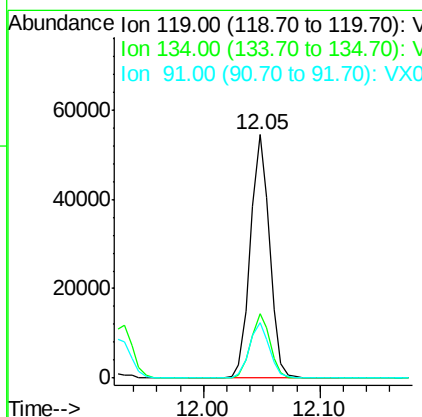
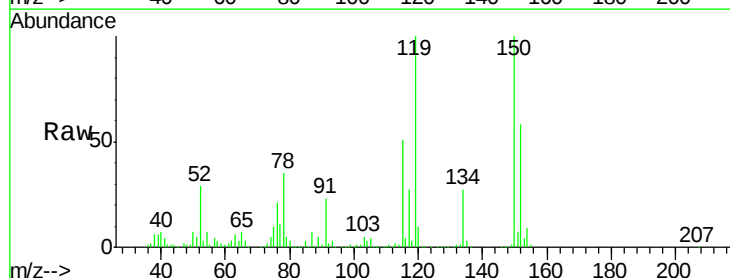
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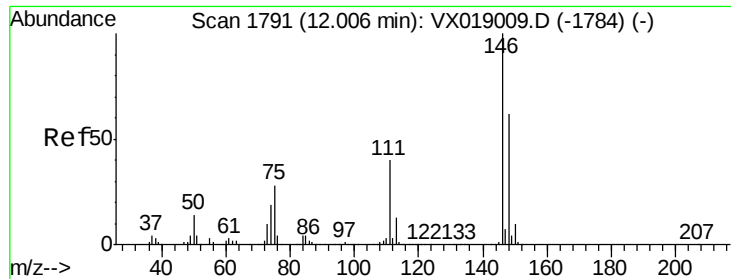
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#86
 p-Isopropyltoluene
 Concen: 5.521 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX019007.D
 Acq: 21 Oct 2020 18:23

Tgt Ion	Ratio	Lower	Upper
119	100		
134	27.0	13.3	39.8
91	23.7	11.4	34.2





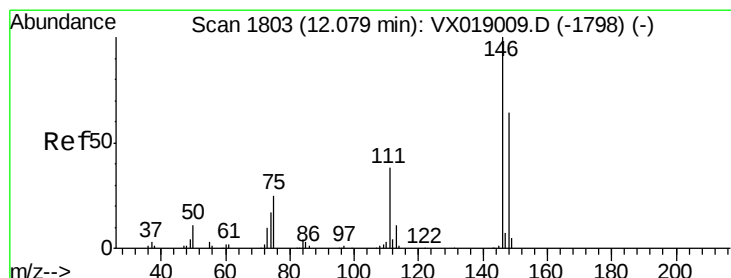
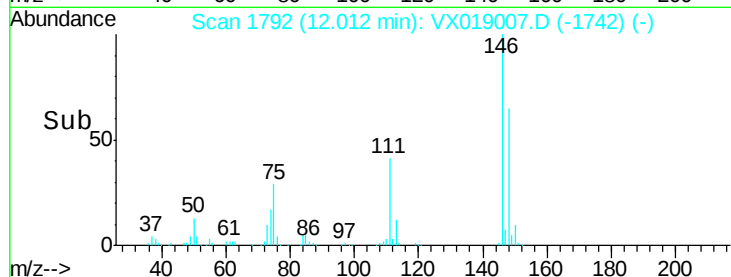
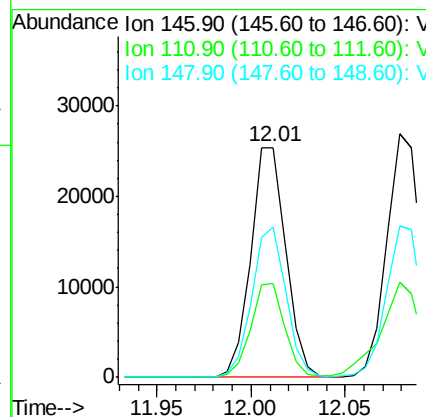
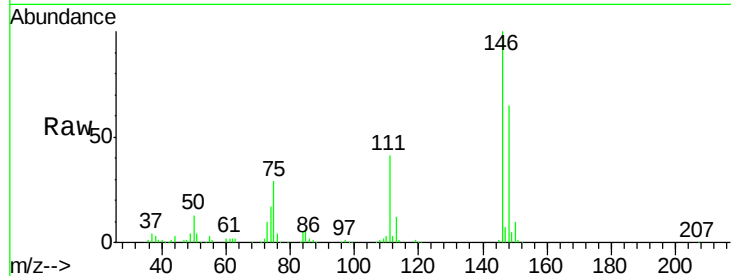
#87
 1,3-Dichlorobenzene
 Concen: 5.306 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. 0.01 min
 Lab File: VX019007.D
 Acq: 21 Oct 2020 18:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.6	19.7	59.1
148	63.5	32.0	96.0

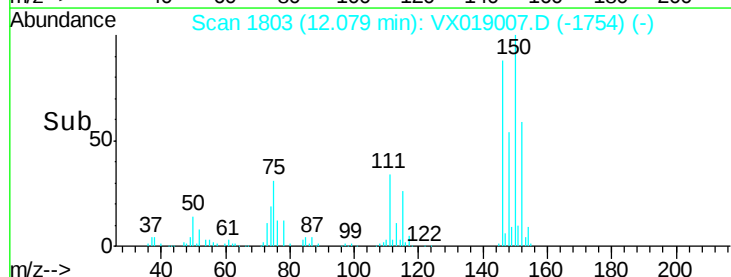
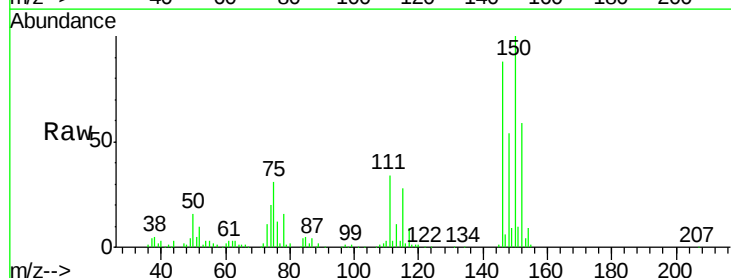
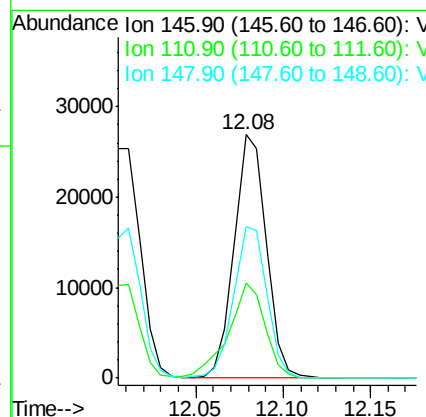
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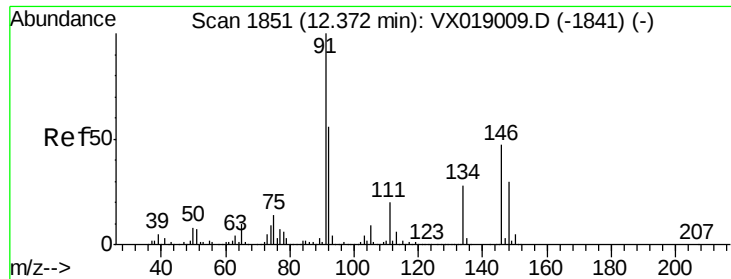
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#88
 1,4-Dichlorobenzene
 Concen: 5.467 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX019007.D
 Acq: 21 Oct 2020 18:23

Tgt Ion	Ratio	Lower	Upper
146	100		
111	44.6	19.4	58.2
148	64.7	32.2	96.6





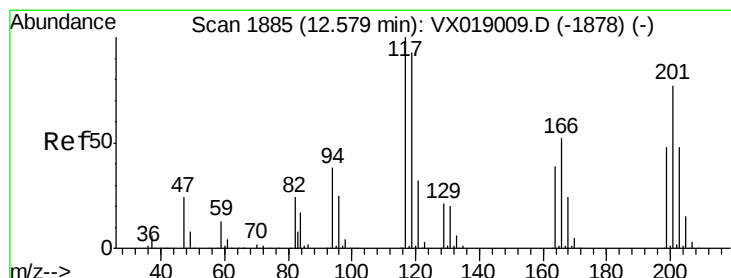
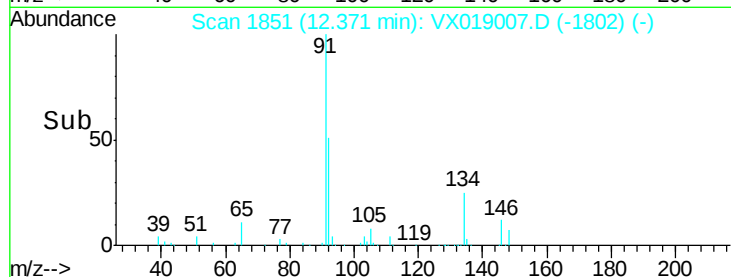
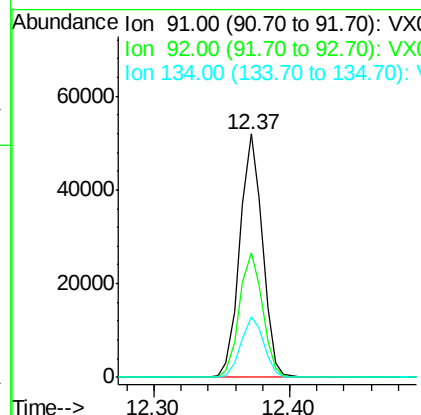
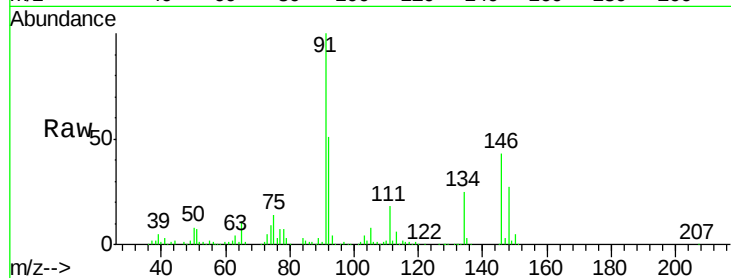
#89
n-Butylbenzene
Concen: 5.696 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX019007.D
Acq: 21 Oct 2020 18:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.5	27.3	81.9
134	25.2	13.6	40.7

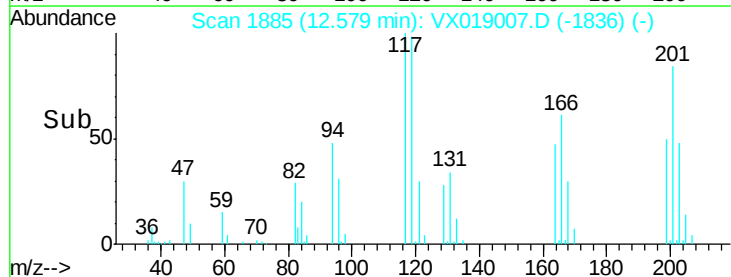
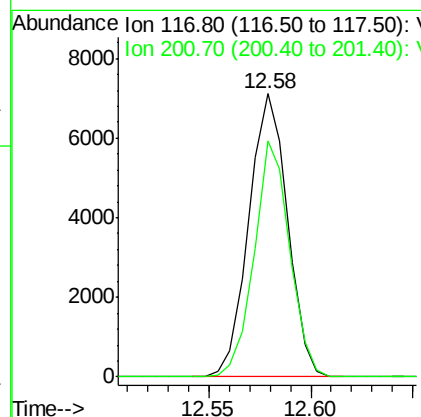
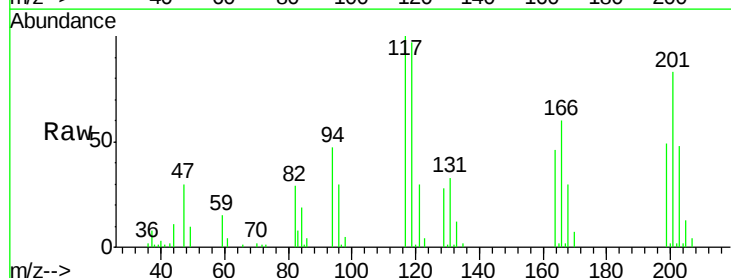
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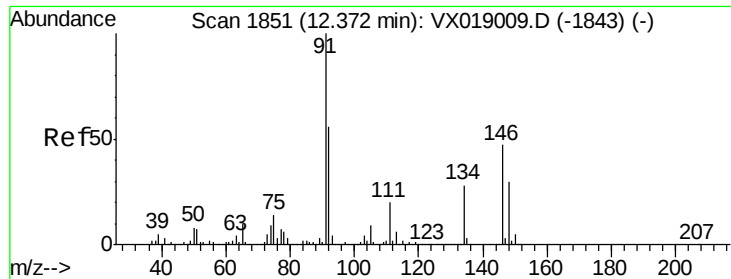
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#90
Hexachloroethane
Concen: 4.241 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX019007.D
Acq: 21 Oct 2020 18:23

Tgt Ion	Ratio	Lower	Upper
117	100		
201	76.7	37.1	111.3





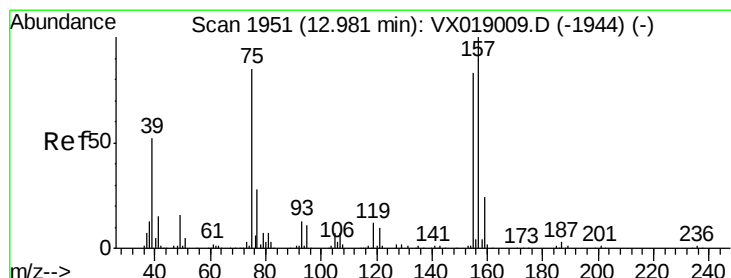
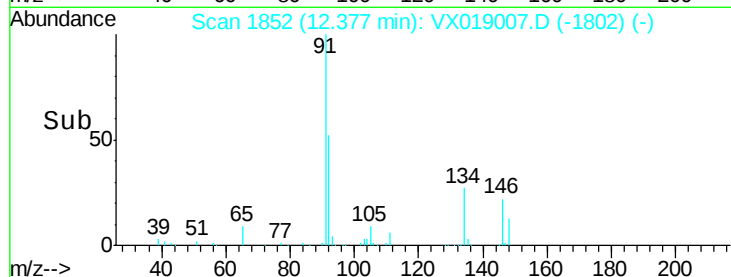
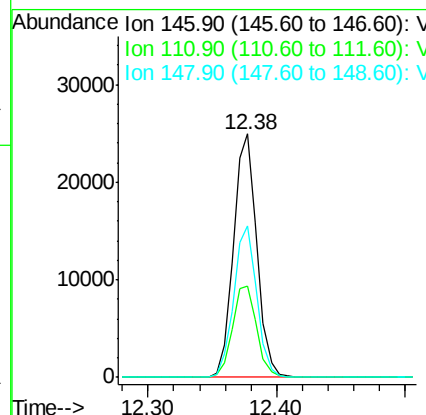
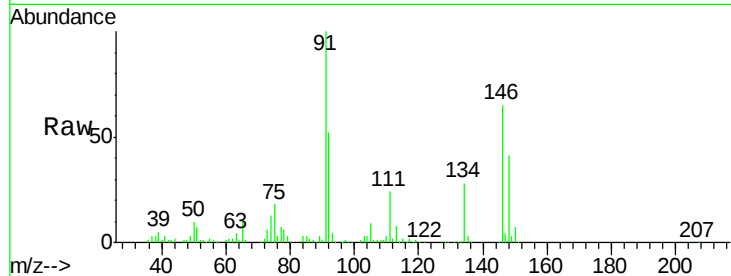
#91
 1,2-Dichlorobenzene
 Concen: 5.438 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. 0.01 min
 Lab File: VX019007.D
 Acq: 21 Oct 2020 18:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.9	19.9	59.7
148	61.6	31.4	94.3

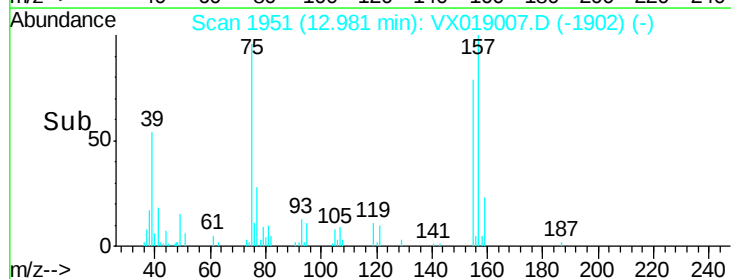
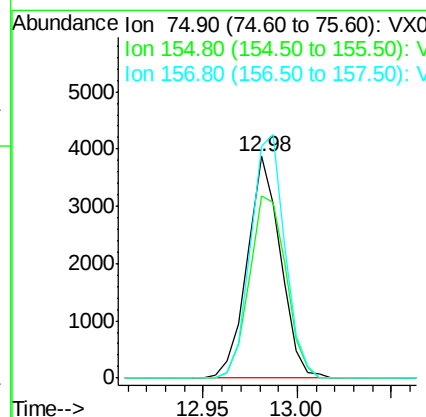
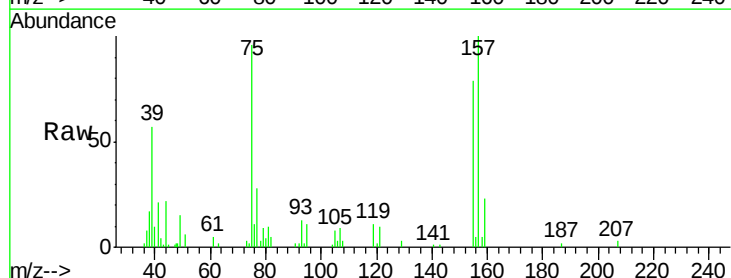
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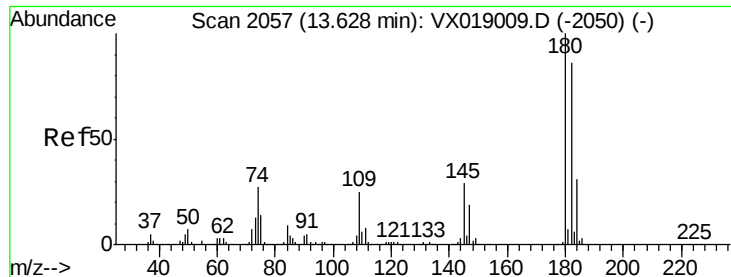
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 10/22/2020 1:21:48 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 4.806 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX019007.D
 Acq: 21 Oct 2020 18:23

Tgt Ion	Ratio	Lower	Upper
75	100		
155	90.0	47.3	142.0
157	112.2	59.7	179.0





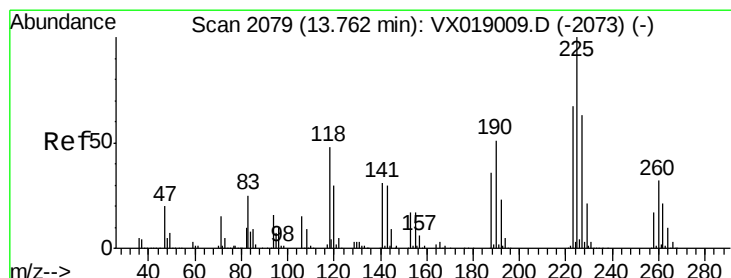
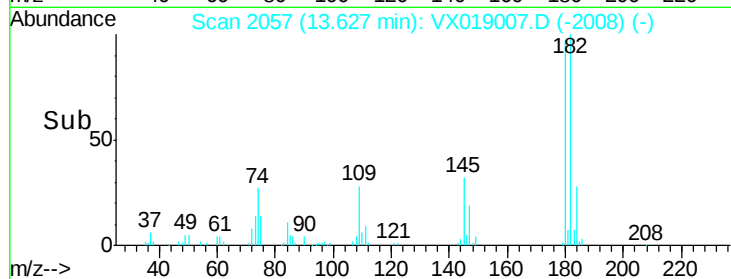
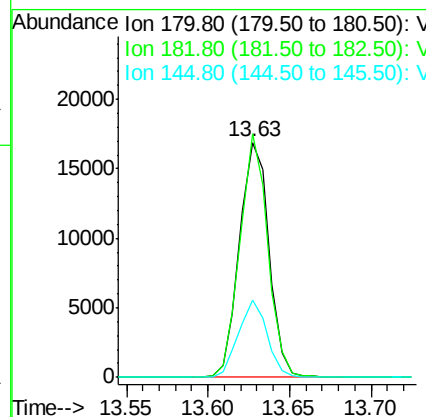
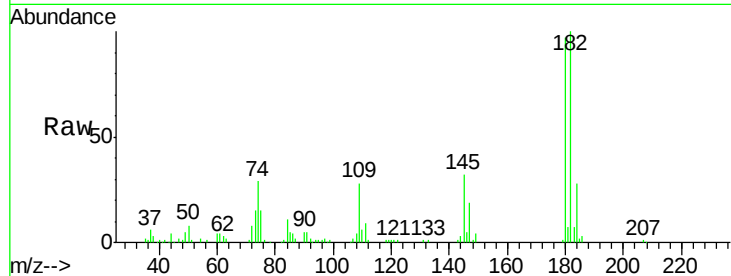
#93
 1,2,4-Trichlorobenzene
 Concen: 5.223 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX019007.D
 Acq: 21 Oct 2020 18:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
180	100		
182	97.1	46.4	139.2
145	32.0	15.2	45.6

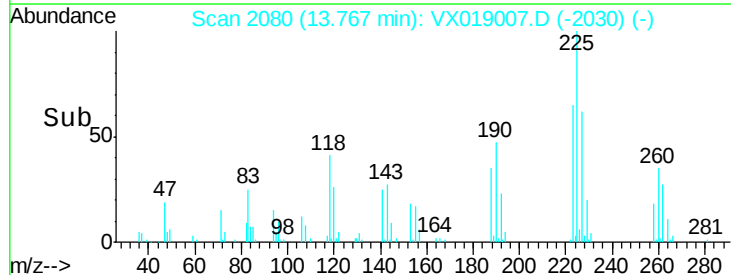
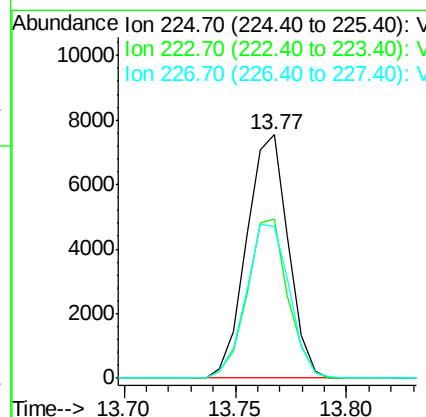
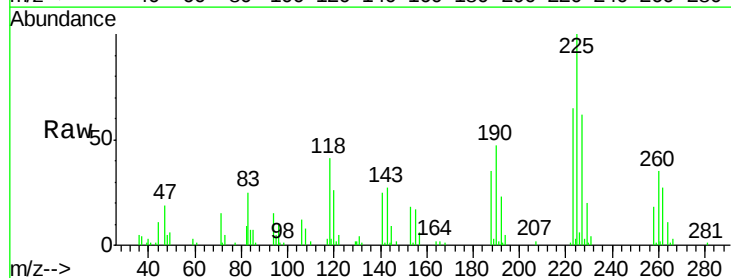
Manual Integrations
 APPROVED

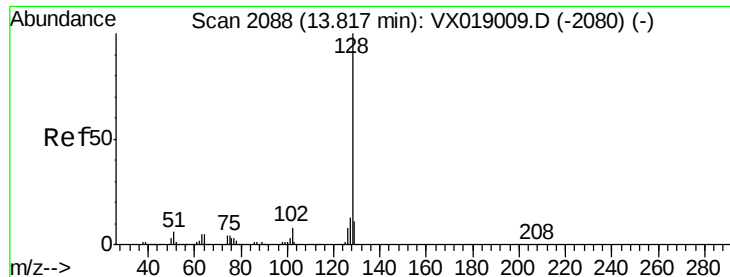
MMDadoda
 10/22/2020 1:21:48 PM



#94
 Hexachlorobutadiene
 Concen: 5.663 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.01 min
 Lab File: VX019007.D
 Acq: 21 Oct 2020 18:23

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.9	32.5	97.4
227	65.8	31.9	95.7





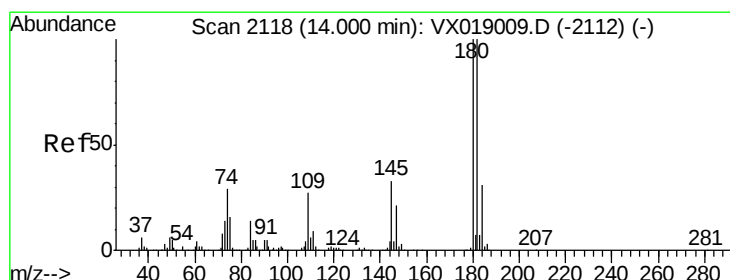
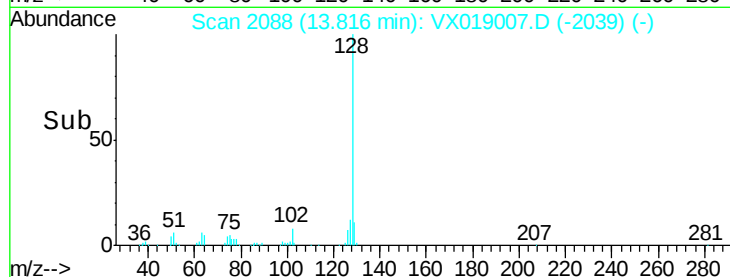
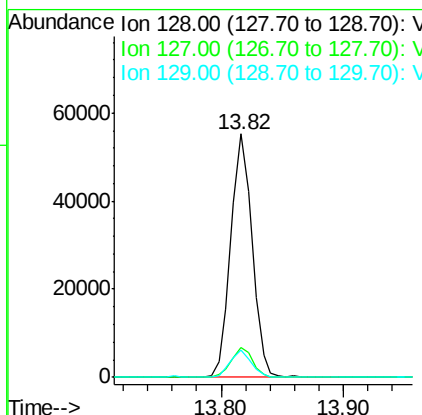
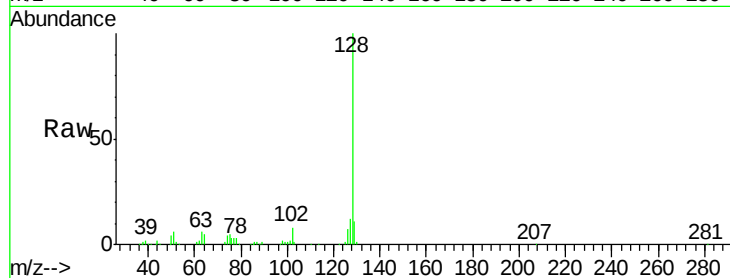
#95
Naphthalene
Concen: 5.399 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX019007.D
Acq: 21 Oct 2020 18:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.3	10.5	15.7
129	11.0	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
10/22/2020 1:21:48 PM



#96
1,2,3-Trichlorobenzene
Concen: 5.301 ug/l
RT: 14.01 min Scan# 2119
Delta R.T. 0.01 min
Lab File: VX019007.D
Acq: 21 Oct 2020 18:23

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.7	47.3	142.0
145	32.5	15.9	47.6

