

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX112020\
 Data File : VX019469.D
 Acq On : 19 Nov 2020 16:35
 Operator : JC/MD
 Sample : VSTDICCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

Quant Time: Nov 19 17:25:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X112020W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Nov 19 17:22:40 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	4.97	128	43997	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.82	114	238144	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.10	117	227444	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.03	65	95884	32.33	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	107.77%
60) 4-Bromofluorobenzene	11.12	95	109573	31.55	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	105.17%
63) Toluene-d8	8.69	98	304228	30.29	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	100.97%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.18	85	50249	21.536	ug/l 100
3) Chloromethane	1.31	50	55216	25.121	ug/l 100
4) Vinyl Chloride	1.39	62	59435	21.579	ug/l 100
5) Bromomethane	1.62	94	23273	12.884	ug/l 100
6) Chloroethane	1.70	64	22029	13.041	ug/l 100
7) Trichlorofluoromethane	1.90	101	83568	18.065	ug/l 100
8) Diethyl Ether	2.17	74	33744	19.265	ug/l 100
9) 1,1,2-Trichlorotrifluoroet	2.36	101	46962	20.652	ug/l 100
10) 1,1-Dichloroethene	2.35	96	47217	20.445	ug/l 100
11) Methyl Iodide	2.48	142	56338	23.988	ug/l 100
12) Methyl Acetate	2.75	43	56123	23.599	ug/l 100
13) Acrolein	2.27	56	40042	156.839	ug/l 100
14) Acrylonitrile	3.12	53	137068	121.348	ug/l 100
15) Acetone	2.42	58	39941	121.630	ug/l 100
16) Carbon Disulfide	2.54	76	119970	19.032	ug/l 100
17) Allyl chloride	2.70	41	68461	22.916	ug/l 100
18) Methylene Chloride	2.83	84	58165	21.748	ug/l 100
19) trans-1,2-Dichloroethene	3.14	96	51804	19.459	ug/l 100
20) Diisopropyl ether	3.82	45	149993	24.359	ug/l 100
21) 1,1-Dichloroethane	3.67	63	92010	21.248	ug/l 100
22) cis-1,2-Dichloroethene	4.56	96	59904	19.416	ug/l 100
23) tert-Butyl Alcohol	3.04	59	64387	118.259	ug/l 100
24) Methyl tert-Butyl Ether	3.17	73	158794	21.449	ug/l 100
25) Chloroform	5.17	83	96933	20.388	ug/l 100
26) Cyclohexane	5.54	56	77382	22.551	ug/l # 100
29) 1,1-Dichloropropene	5.76	75	68895	19.748	ug/l 100
30) 2-Butanone	4.64	43	180737	122.093	ug/l 100
31) 2,2-Dichloropropane	4.54	77	79260	19.858	ug/l 100
32) 1,1,1-Trichloroethane	5.45	97	82209	19.644	ug/l 100
33) Carbon Tetrachloride	5.75	117	68787	18.994	ug/l 100
34) Benzene	6.10	78	220562	21.125	ug/l 100
35) Methacrylonitrile	5.00	41	36491	23.360	ug/l 100
36) 1,2-Dichloroethane	6.15	62	77123	21.464	ug/l 100
37) Trichloroethene	7.18	130	58045	19.635	ug/l 100
38) Methylcyclohexane	7.43	83	83387	20.966	ug/l 100
39) 1,2-Dichloropropane	7.48	63	55091	22.292	ug/l 100
40) Dibromomethane	7.63	93	38755	20.662	ug/l 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.87	83	72765	19.779	ug/l	100
42) Vinyl Acetate	3.78	43	631901	112.933	ug/l	100
43) Ethyl Acetate	4.79	43	67345	22.306	ug/l	100
44) Isopropyl Acetate	6.41	43	109580	21.787	ug/l	100
45) 1,4-Dioxane	7.71	88	25014	467.858	ug/l	100
46) Methyl methacrylate	7.74	41	53384	22.395	ug/l	100
47) n-amyl Acetate	10.88	43	89342	22.047	ug/l	100
48) t-1,3-Dichloropropene	9.02	75	78492	19.189	ug/l	100
49) cis-1,3-Dichloropropene	8.41	75	86611	19.783	ug/l	100
50) 1,1,2-Trichloroethane	9.20	97	58723	21.372	ug/l	100
51) Ethyl methacrylate	9.16	69	77975	19.810	ug/l	100
52) 1,3-Dichloropropane	9.35	76	96459	21.572	ug/l	100
53) Dibromochloromethane	9.56	129	55637	18.637	ug/l	100
54) 1,2-Dibromoethane	9.65	107	59954	20.359	ug/l	100
55) 2-Chloroethyl vinyl ether	8.29	63	221940	106.668	ug/l	100
56) Bromoform	10.84	173	37921	18.196	ug/l	100
58) 4-Methyl-2-Pentanone	8.62	43	344422	112.383	ug/l	100
59) 2-Hexanone	9.47	43	263784	115.054	ug/l	100
61) Tetrachloroethene	9.32	164	59673	21.033	ug/l	100
62) Toluene	8.76	91	239999	19.425	ug/l	100
64) Chlorobenzene	10.12	112	148399	19.282	ug/l	100
65) 1,1,1,2-Tetrachloroethane	10.20	131	53798	19.206	ug/l	100
66) Ethyl Benzene	10.23	91	264877	19.509	ug/l	100
67) m/p-Xylenes	10.34	106	198834	38.466	ug/l	100
68) o-Xylene	10.68	106	93376	18.942	ug/l	100
69) Styrene	10.70	104	158245	18.993	ug/l	100
70) Isopropylbenzene	11.00	105	257226	19.322	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.25	83	86852	21.965	ug/l	100
72) 1,2,3-Trichloropropane	11.28	75	95763	27.064	ug/l	88
73) Bromobenzene	11.24	156	63223	19.408	ug/l	100
74) n-propylbenzene	11.34	91	295713	19.608	ug/l	100
75) 2-Chlorotoluene	11.40	91	179978	20.754	ug/l	100
76) 1,3,5-Trimethylbenzene	11.49	105	213923	19.692	ug/l	100
77) t-1,4-Dichloro-2-butene	11.05	75	24271	17.927	ug/l	100
78) 4-Chlorotoluene	11.49	91	207924	20.475	ug/l	100
79) tert-butylbenzene	11.76	119	202173	19.062	ug/l	100
80) 1,2,4-Trimethylbenzene	11.79	105	215362	19.944	ug/l	100
81) sec-Butylbenzene	11.93	105	249922	19.769	ug/l	100
82) p-Isopropyltoluene	12.05	119	222842	19.209	ug/l	100
83) 1,3-Dichlorobenzene	12.01	146	117921	20.082	ug/l	100
84) 1,4-Dichlorobenzene	12.08	146	118983	19.967	ug/l	100
85) n-Butylbenzene	12.37	91	196946	18.999	ug/l	100
86) Hexachloroethane	12.58	117	35972	19.825	ug/l	100
87) 1,2-Dichlorobenzene	12.37	146	116108	20.540	ug/l	100
88) 1,2-Dibromo-3-Chloropropan	12.98	75	17088	19.553	ug/l	100
89) 1,2,4-Trichlorobenzene	13.63	180	72845	18.318	ug/l	100
90) Hexachlorobutadiene	13.76	225	35534	20.479	ug/l	100
91) Naphthalene	13.82	128	232397	17.942	ug/l	100
92) 1,2,3-Trichlorobenzene	14.00	180	74290	19.223	ug/l	100

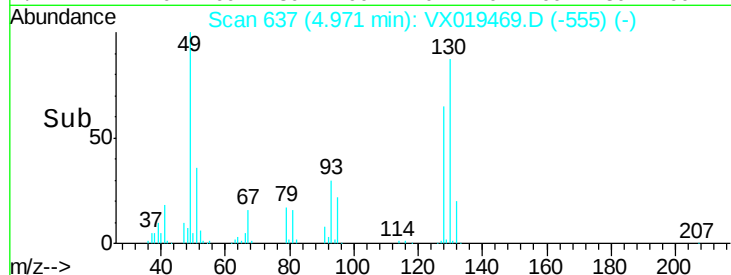
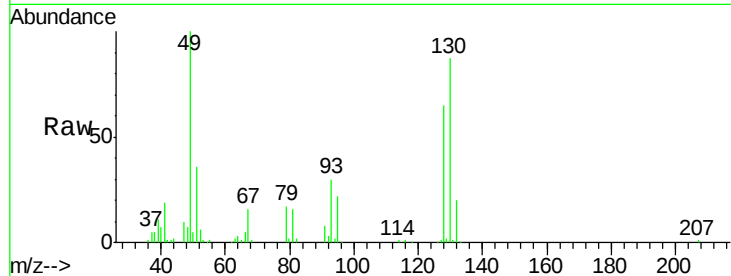
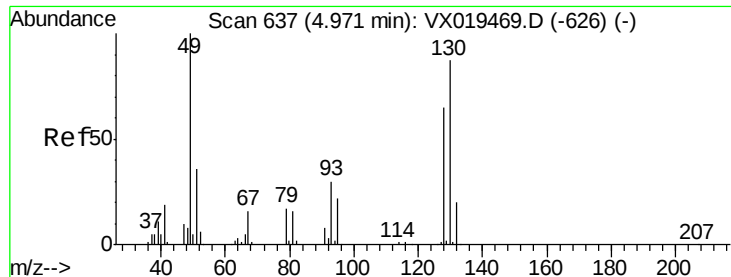
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 4.97 min Scan# 637

Delta R.T. 0.00 min

Lab File: VX019469.D

Acq: 19 Nov 2020 16:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

Tgt Ion:128 Resp: 43997

Ion Ratio Lower Upper

128 100

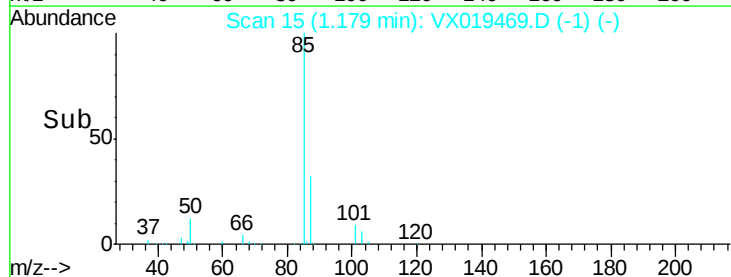
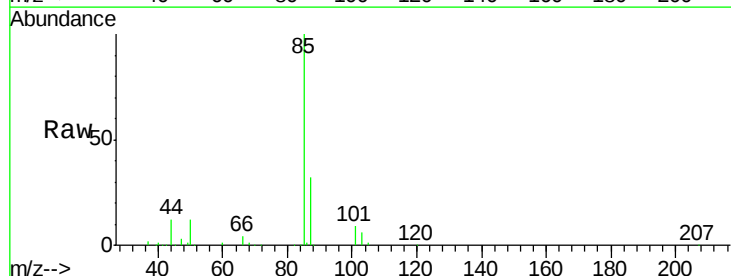
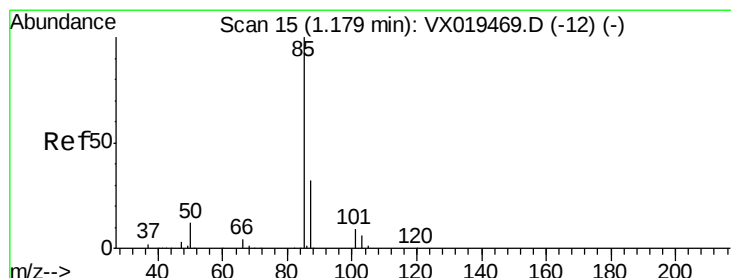
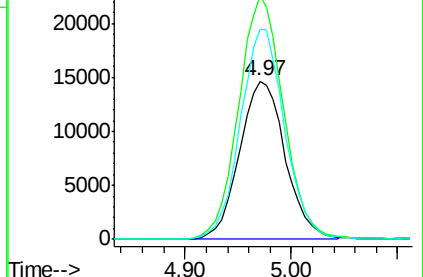
49 151.1 0.0 377.8

130 129.6 0.0 324.0

Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VX0

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 21.536 ug/l

RT: 1.18 min Scan# 15

Delta R.T. 0.00 min

Lab File: VX019469.D

Acq: 19 Nov 2020 16:35

Tgt Ion: 85 Resp: 50249

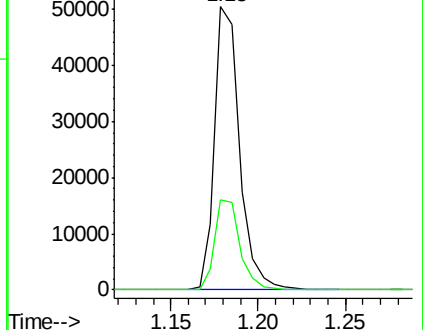
Ion Ratio Lower Upper

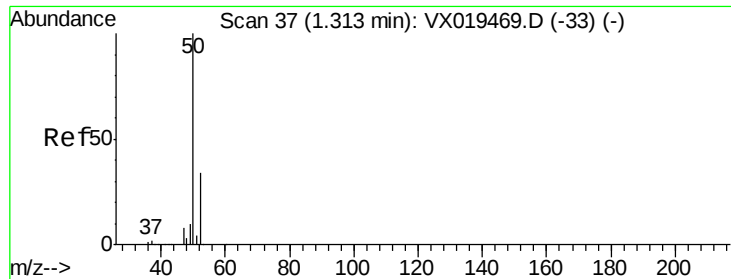
85 100

87 31.9 16.0 47.9

Abundance Ion 85.00 (84.70 to 85.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#3

Chloromethane

Concen: 25.121 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX019469.D

Acq: 19 Nov 2020 16:35

Instrument :

MSVOA_X

ClientSampleId :

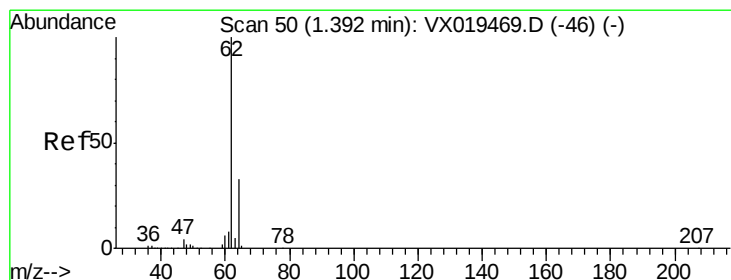
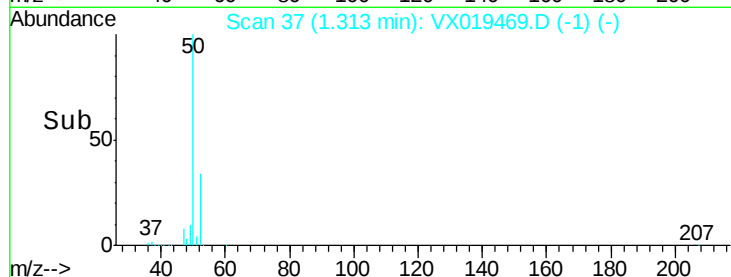
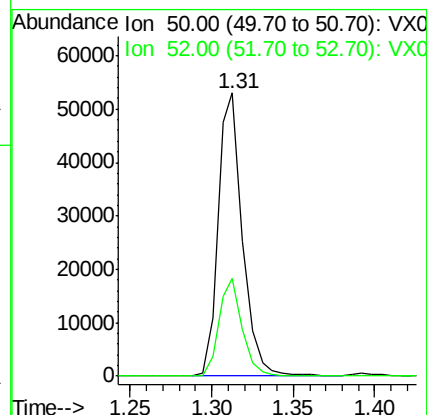
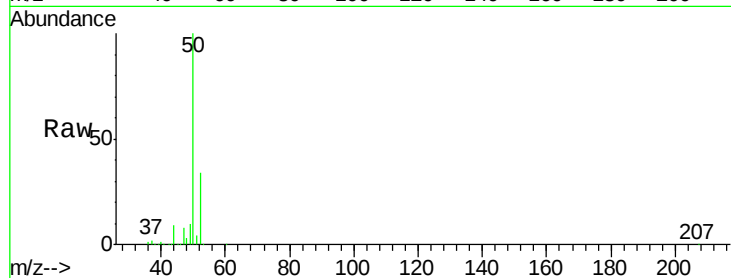
VSTDICCC020

Tgt Ion: 50 Resp: 55216

Ion Ratio Lower Upper

50 100

52 34.4 27.5 41.3



#4

Vinyl Chloride

Concen: 21.579 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX019469.D

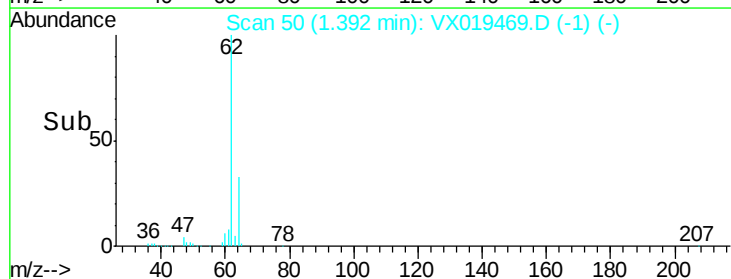
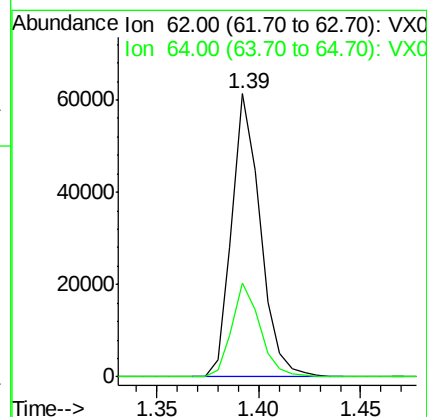
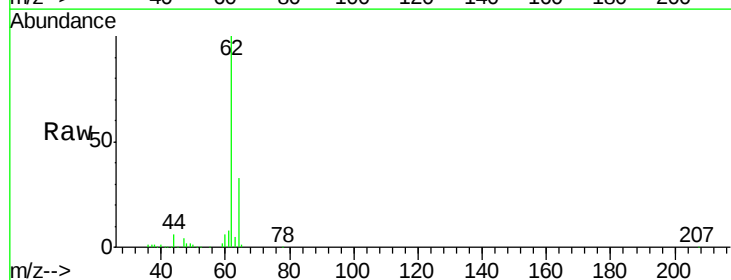
Acq: 19 Nov 2020 16:35

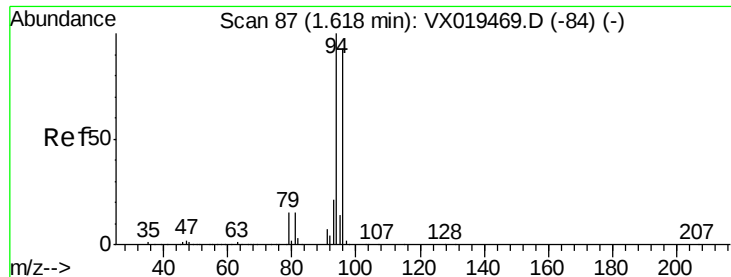
Tgt Ion: 62 Resp: 59435

Ion Ratio Lower Upper

62 100

64 33.0 26.4 39.6





#5

Bromomethane

Concen: 12.884 ug/l

RT: 1.62 min Scan# 87

Delta R.T. 0.00 min

Lab File: VX019469.D

Acq: 19 Nov 2020 16:35

Instrument :

MSVOA_X

ClientSampleId :

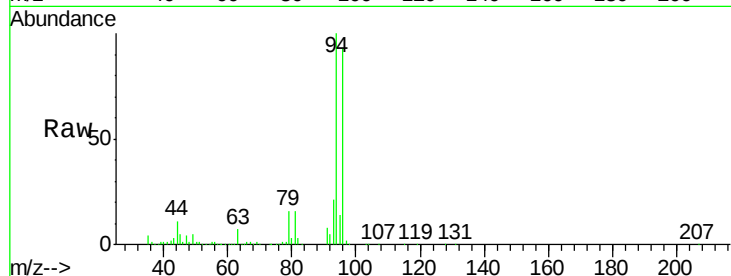
VSTDICCC020

Tgt Ion: 94 Resp: 23273

Ion Ratio Lower Upper

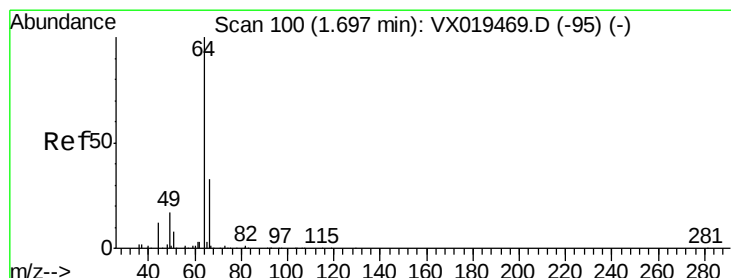
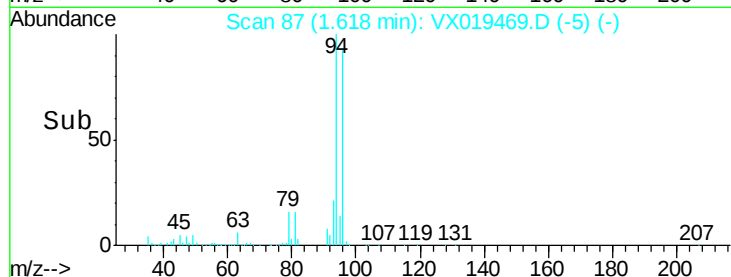
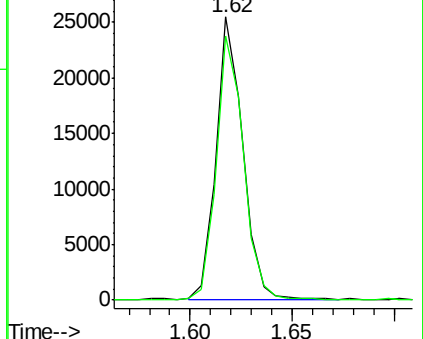
94 100

96 93.2 74.6 111.8



Abundance Ion 94.00 (93.70 to 94.70): VX0

Ion 96.00 (95.70 to 96.70): VX0



#6

Chloroethane

Concen: 13.041 ug/l

RT: 1.70 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX019469.D

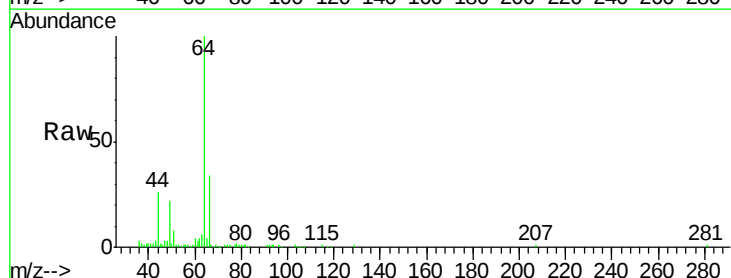
Acq: 19 Nov 2020 16:35

Tgt Ion: 64 Resp: 22029

Ion Ratio Lower Upper

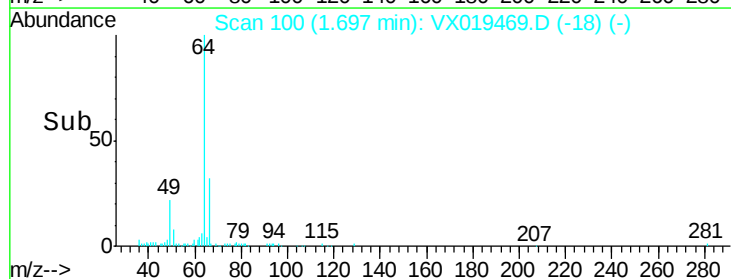
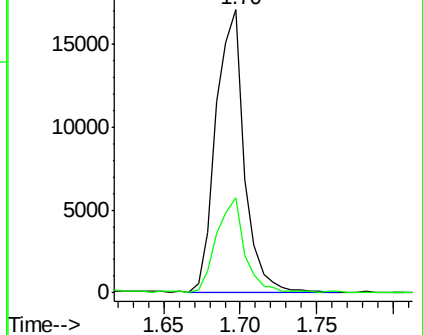
64 100

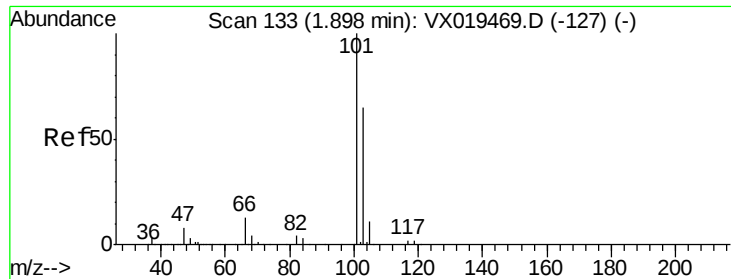
66 33.3 26.6 40.0



Abundance Ion 64.00 (63.70 to 64.70): VX0

Ion 66.00 (65.70 to 66.70): VX0



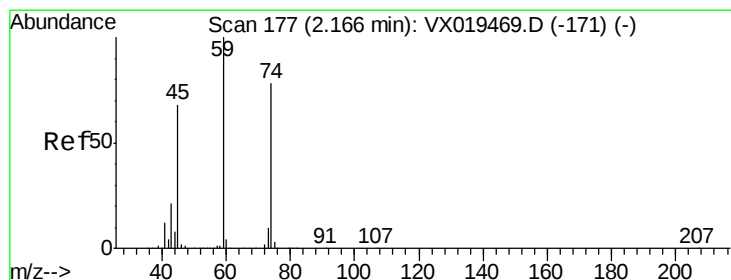
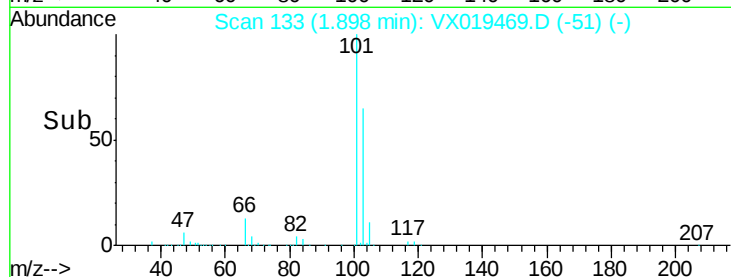
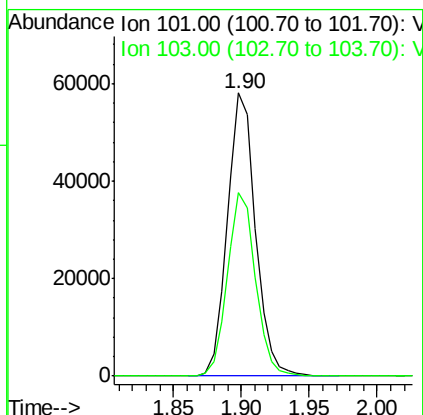
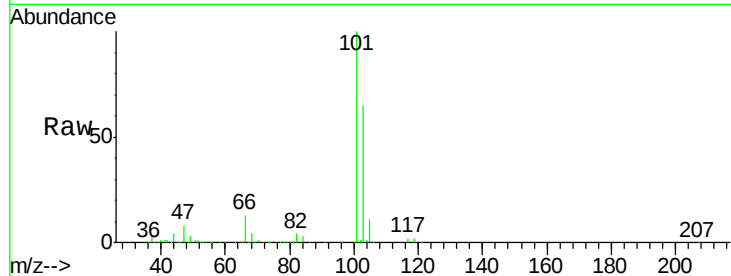


#7

Trichlorofluoromethane
 Concen: 18.065 ug/l
 RT: 1.90 min Scan# 133
 Delta R.T. 0.00 min
 Lab File: VX019469.D
 Acq: 19 Nov 2020 16:35

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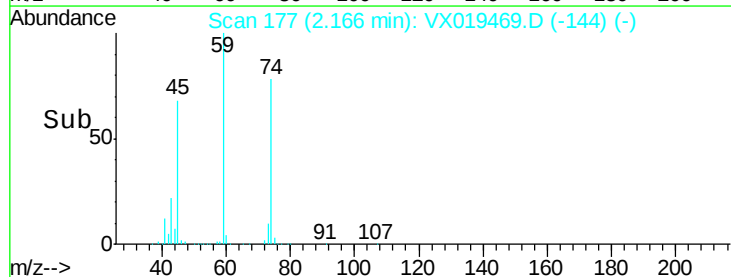
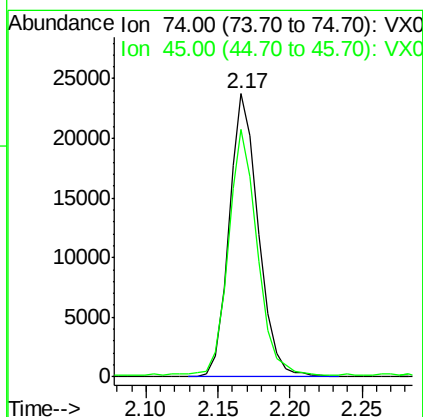
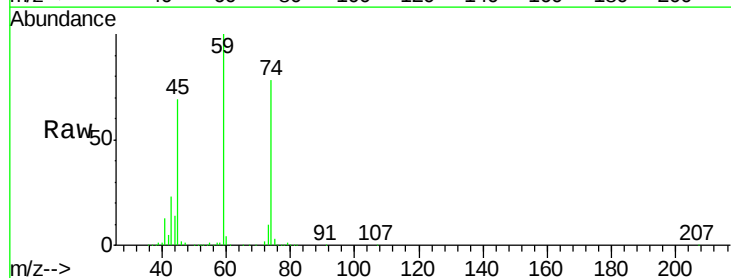
Tgt Ion:101 Resp: 83568
 Ion Ratio Lower Upper
 101 100
 103 64.7 51.8 77.6

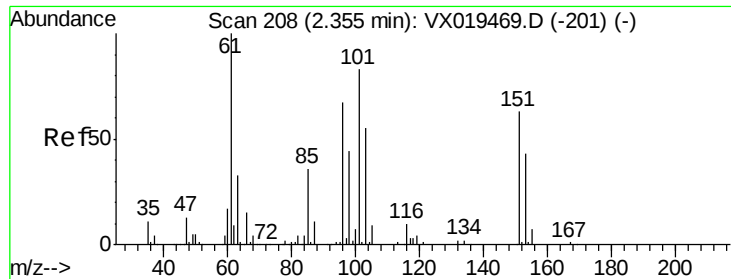


#8

Diethyl Ether
 Concen: 19.265 ug/l
 RT: 2.17 min Scan# 177
 Delta R.T. 0.00 min
 Lab File: VX019469.D
 Acq: 19 Nov 2020 16:35

Tgt Ion: 74 Resp: 33744
 Ion Ratio Lower Upper
 74 100
 45 86.0 17.2 155.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.652 ug/l

RT: 2.36 min Scan# 208

Delta R.T. 0.00 min

Lab File: VX019469.D

Acq: 19 Nov 2020 16:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

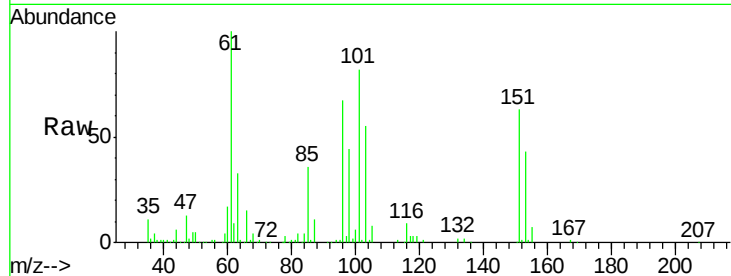
Tgt Ion: 101 Resp: 46962

Ion Ratio Lower Upper

101 100

85 44.4 0.0 88.8

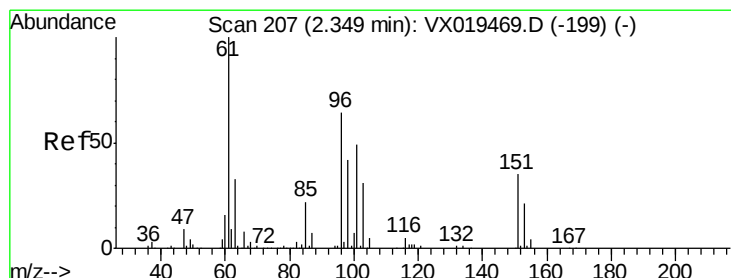
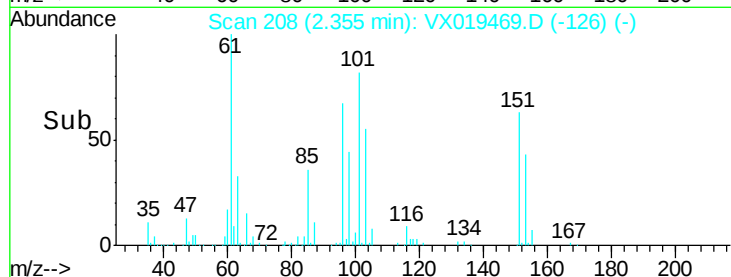
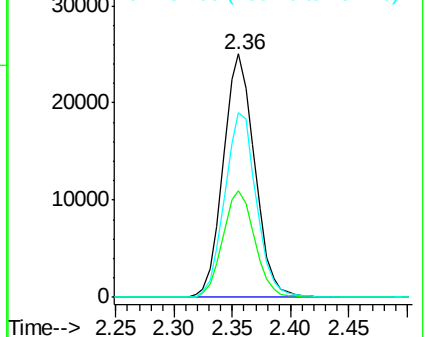
151 76.5 0.0 153.0



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VX0

Ion 151.00 (150.70 to 151.70): V



#10

1,1-Dichloroethene

Concen: 20.445 ug/l

RT: 2.35 min Scan# 207

Delta R.T. 0.00 min

Lab File: VX019469.D

Acq: 19 Nov 2020 16:35

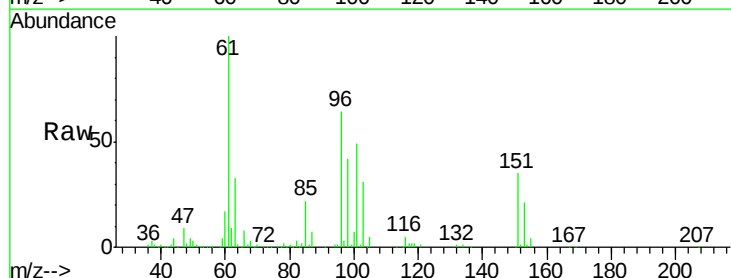
Tgt Ion: 96 Resp: 47217

Ion Ratio Lower Upper

96 100

61 156.8 125.4 188.2

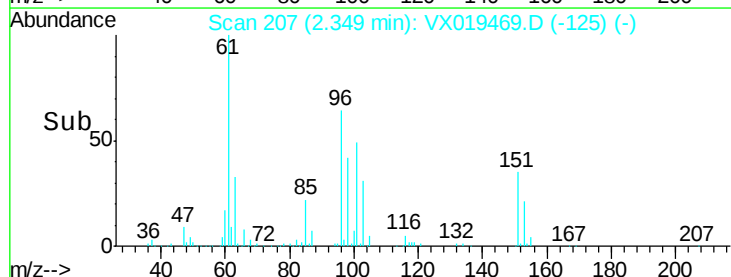
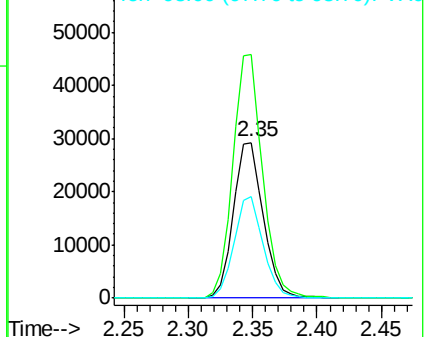
98 65.5 52.4 78.6

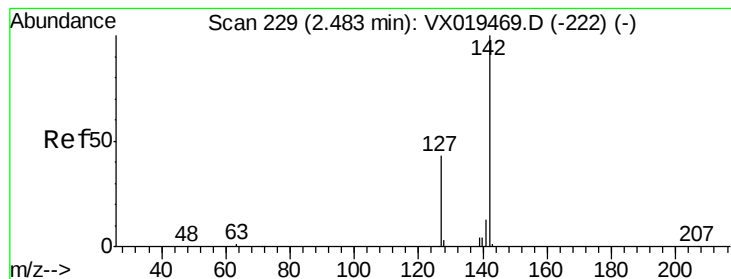


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#11

Methyl Iodide

Concen: 23.988 ug/l

RT: 2.48 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX019469.D

Acq: 19 Nov 2020 16:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

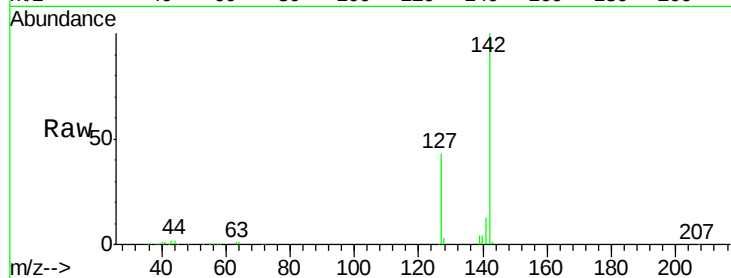
Tgt Ion:142 Resp: 56338

Ion Ratio Lower Upper

142 100

127 42.7 21.3 64.0

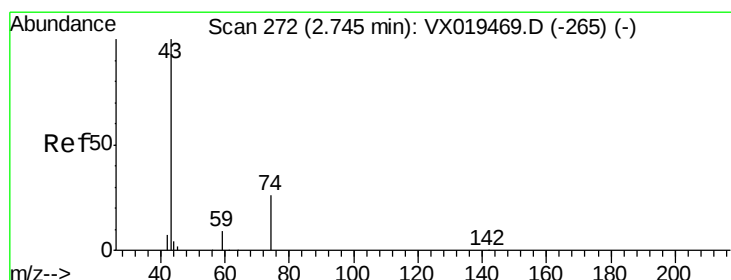
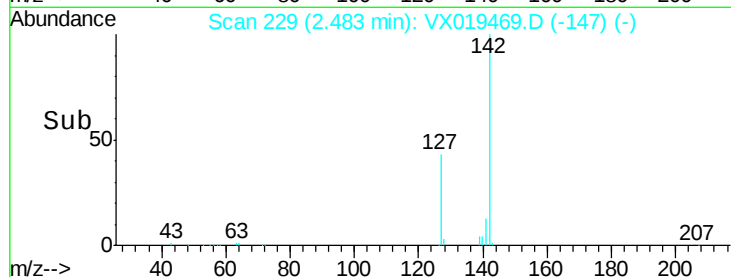
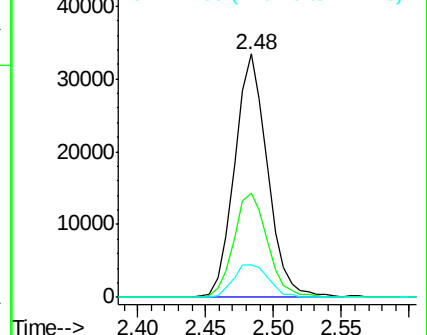
141 13.3 6.7 20.0



Abundance Ion 142.00 (141.70 to 142.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 141.00 (140.70 to 141.70): V



#12

Methyl Acetate

Concen: 23.599 ug/l

RT: 2.75 min Scan# 272

Delta R.T. 0.00 min

Lab File: VX019469.D

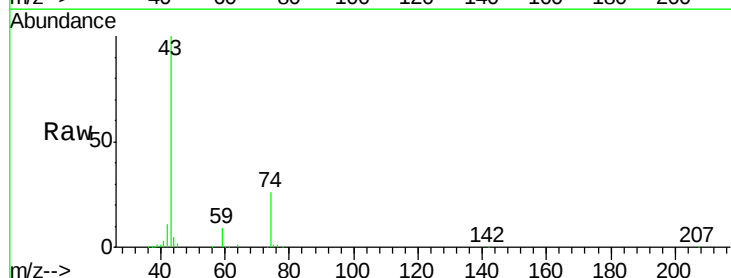
Acq: 19 Nov 2020 16:35

Tgt Ion: 43 Resp: 56123

Ion Ratio Lower Upper

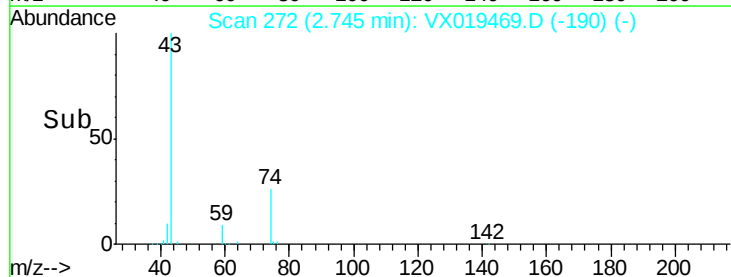
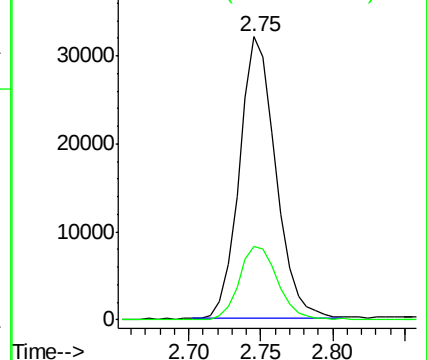
43 100

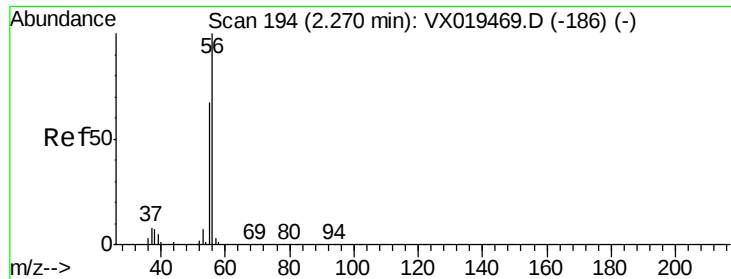
74 25.9 20.7 31.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

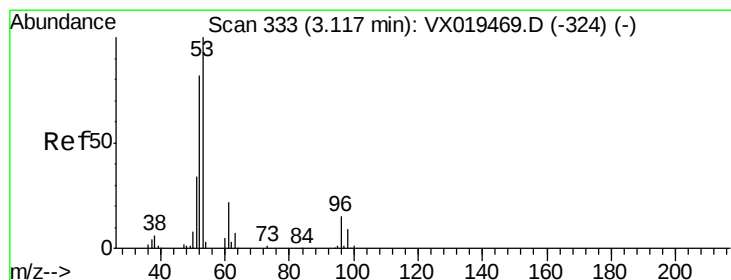
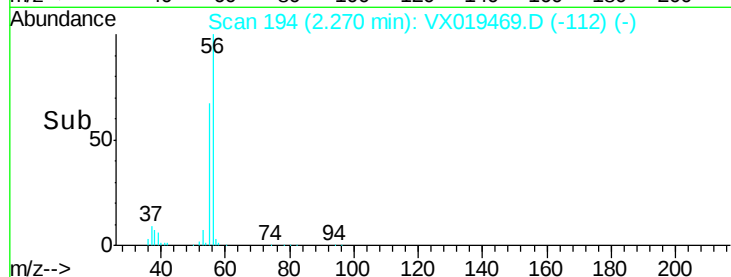
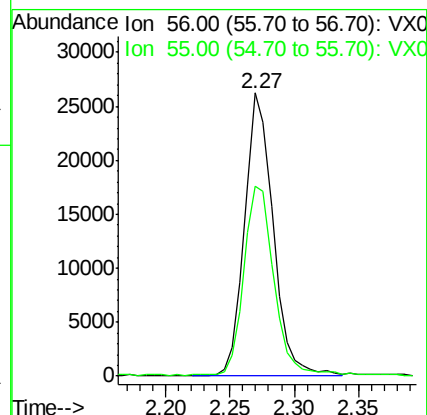
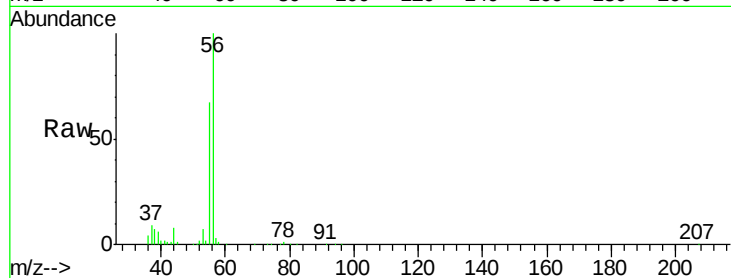




#13
Acrolein
Concen: 156.839 ug/l
RT: 2.27 min Scan# 194
Delta R.T. 0.00 min
Lab File: VX019469.D
Acq: 19 Nov 2020 16:35

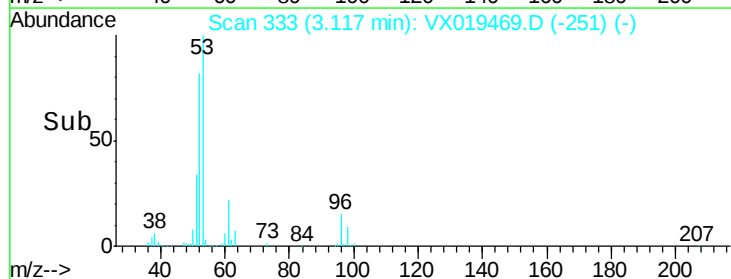
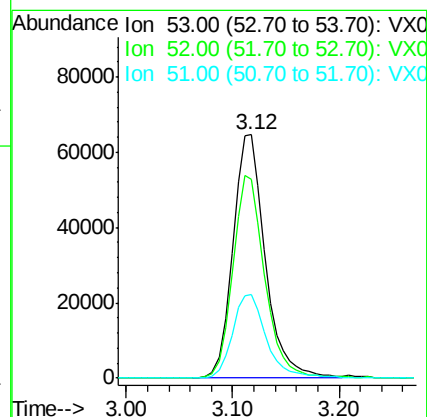
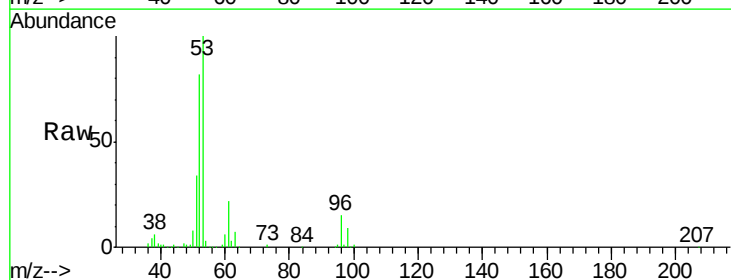
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

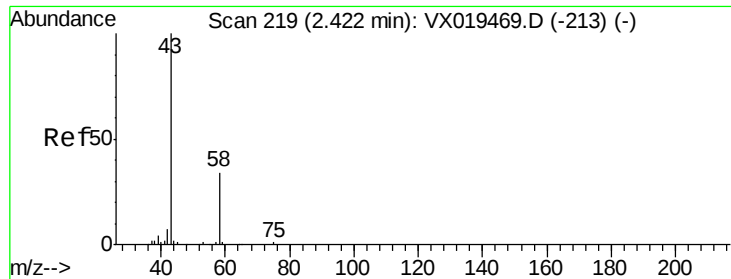
Tgt Ion: 56 Resp: 40042
Ion Ratio Lower Upper
56 100
55 70.6 56.5 84.7



#14
Acrylonitrile
Concen: 121.348 ug/l
RT: 3.12 min Scan# 333
Delta R.T. 0.00 min
Lab File: VX019469.D
Acq: 19 Nov 2020 16:35

Tgt Ion: 53 Resp: 137068
Ion Ratio Lower Upper
53 100
52 82.5 41.3 123.7
51 35.5 17.8 53.3





#15

Acetone

Concen: 121.630 ug/l

RT: 2.42 min Scan# 219

Delta R.T. 0.00 min

Lab File: VX019469.D

Acq: 19 Nov 2020 16:35

Instrument :

MSVOA_X

ClientSampleId :

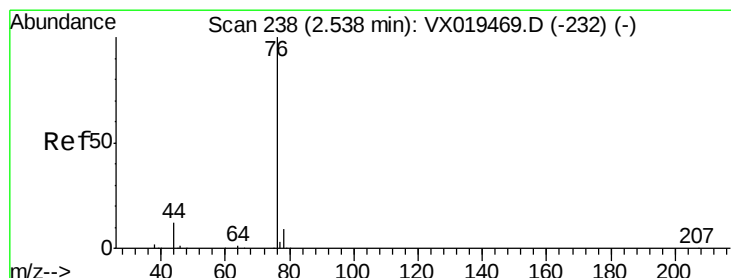
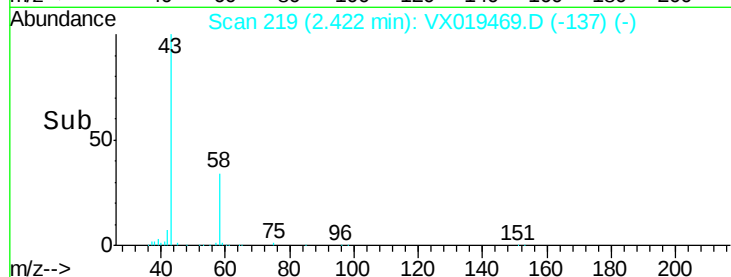
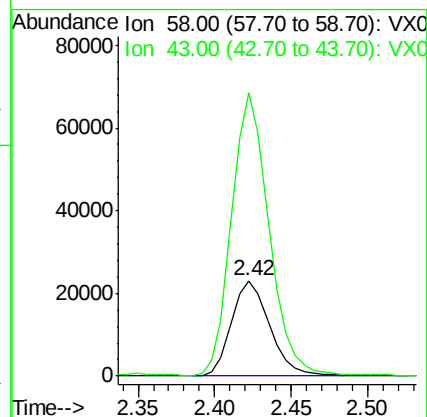
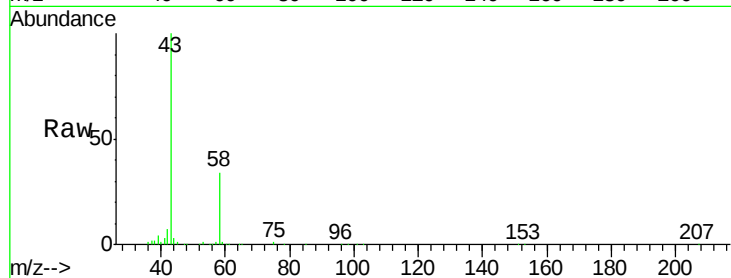
VSTDICCC020

Tgt Ion: 58 Resp: 39941

Ion Ratio Lower Upper

58 100

43 295.4 236.3 354.5



#16

Carbon Disulfide

Concen: 19.032 ug/l

RT: 2.54 min Scan# 238

Delta R.T. 0.00 min

Lab File: VX019469.D

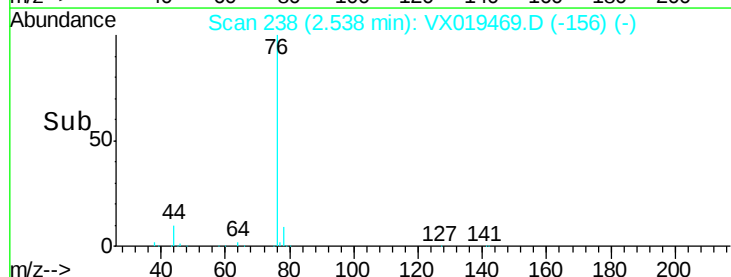
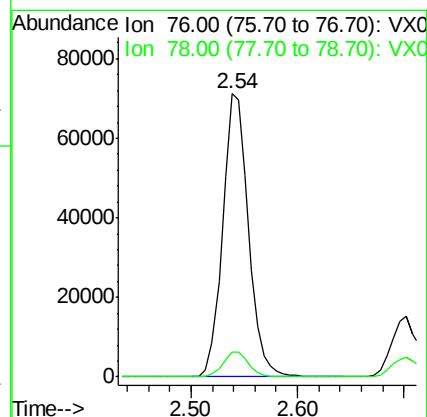
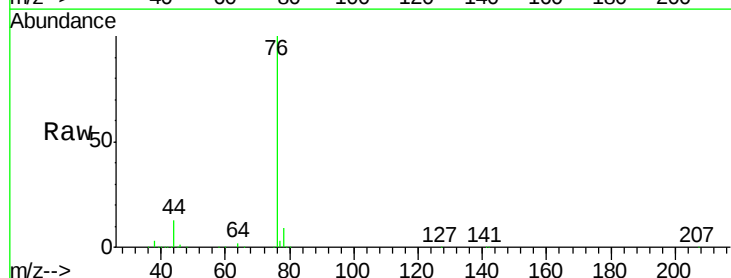
Acq: 19 Nov 2020 16:35

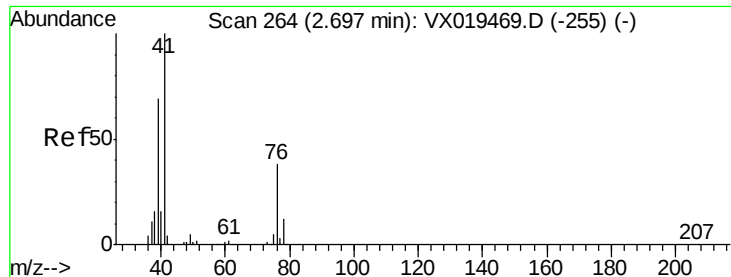
Tgt Ion: 76 Resp: 119970

Ion Ratio Lower Upper

76 100

78 8.8 7.0 10.6

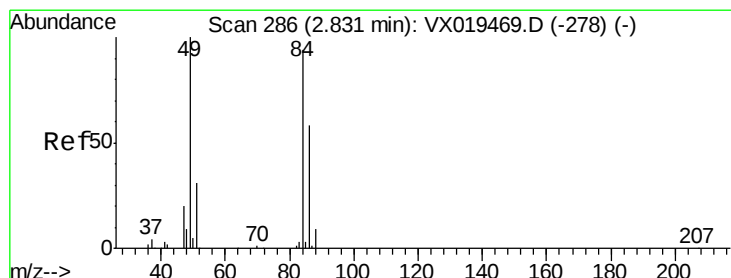
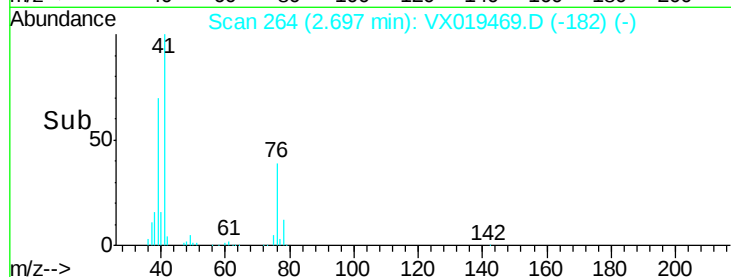
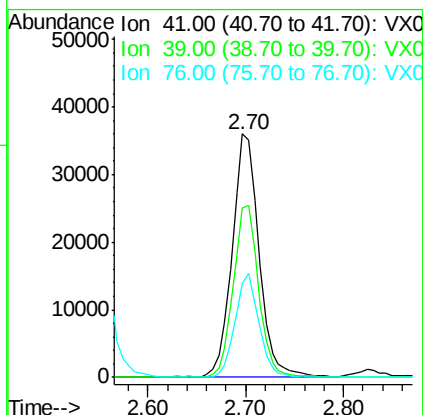
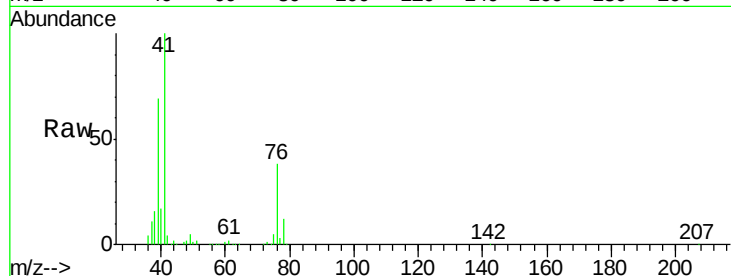




#17
 Allyl chloride
 Concen: 22.916 ug/l
 RT: 2.70 min Scan# 264
 Delta R.T. 0.00 min
 Lab File: VX019469.D
 Acq: 19 Nov 2020 16:35

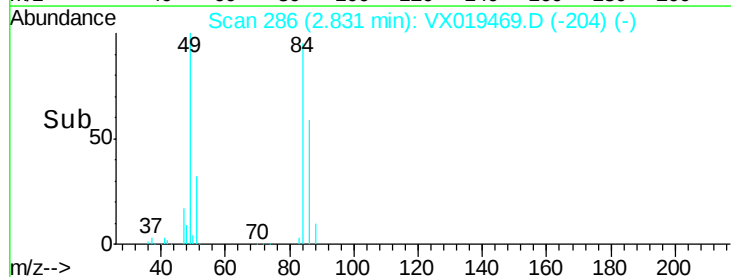
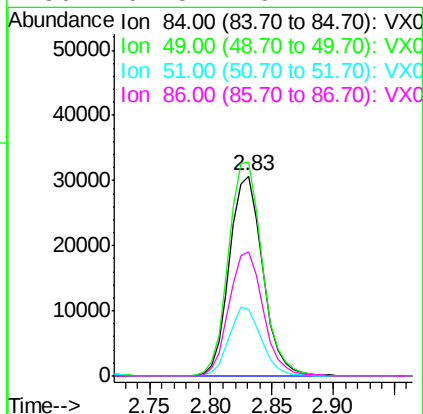
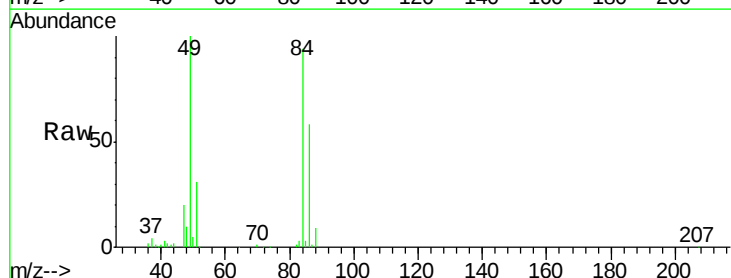
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

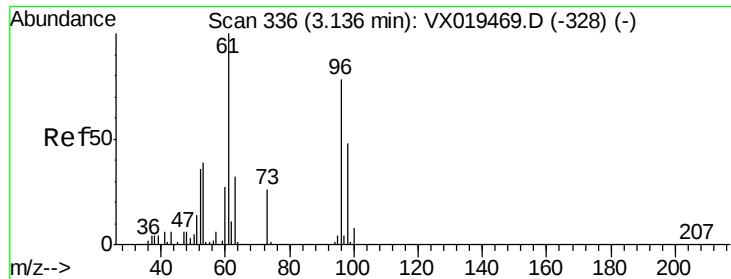
Tgt Ion: 41 Resp: 68461
 Ion Ratio Lower Upper
 41 100
 39 69.1 34.5 103.6
 76 38.5 19.3 57.8



#18
 Methylene Chloride
 Concen: 21.748 ug/l
 RT: 2.83 min Scan# 286
 Delta R.T. 0.00 min
 Lab File: VX019469.D
 Acq: 19 Nov 2020 16:35

Tgt Ion: 84 Resp: 58165
 Ion Ratio Lower Upper
 84 100
 49 106.7 85.4 128.0
 51 33.4 26.7 40.1
 86 61.8 49.4 74.2





#19

trans-1,2-Dichloroethene

Concen: 19.459 ug/l

RT: 3.14 min Scan# 336

Delta R.T. 0.00 min

Lab File: VX019469.D

Acq: 19 Nov 2020 16:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

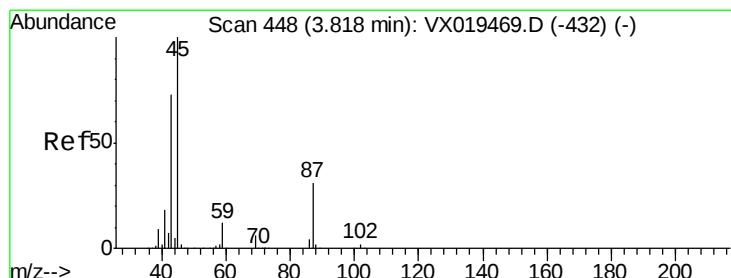
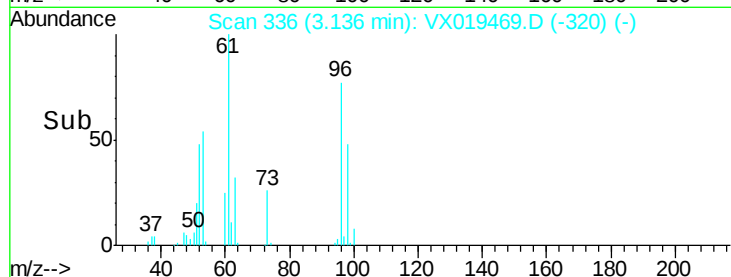
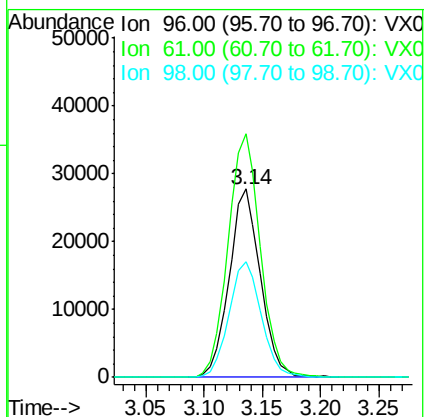
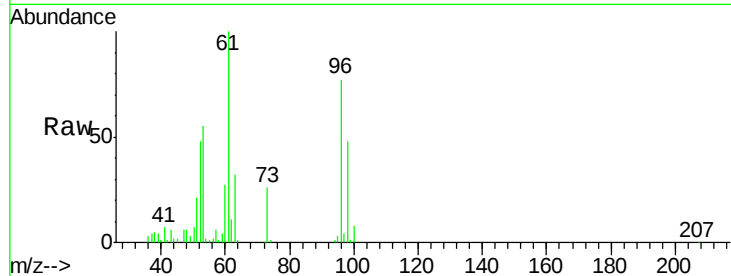
Tgt Ion: 96 Resp: 51804

Ion Ratio Lower Upper

96 100

61 129.0 103.2 154.8

98 61.5 49.2 73.8



#20

Diisopropyl ether

Concen: 24.359 ug/l

RT: 3.82 min Scan# 448

Delta R.T. 0.00 min

Lab File: VX019469.D

Acq: 19 Nov 2020 16:35

Tgt Ion: 45 Resp: 149993

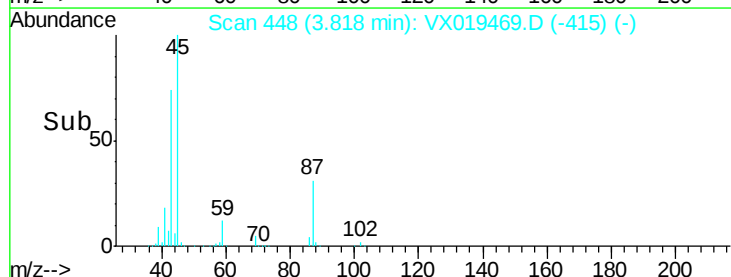
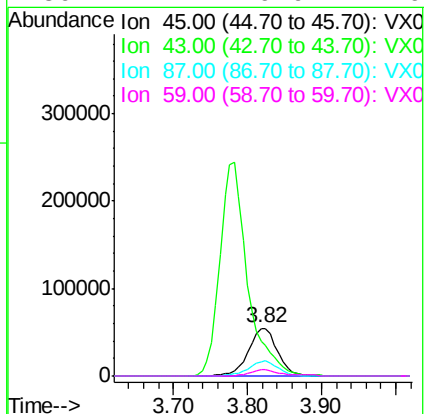
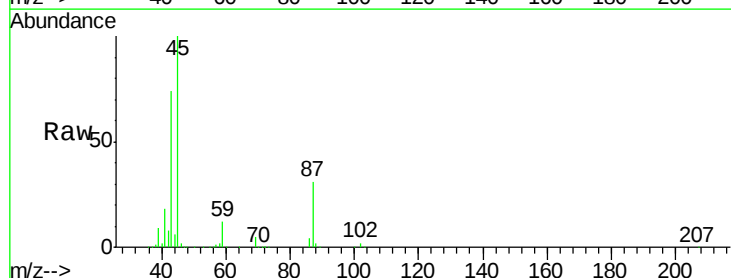
Ion Ratio Lower Upper

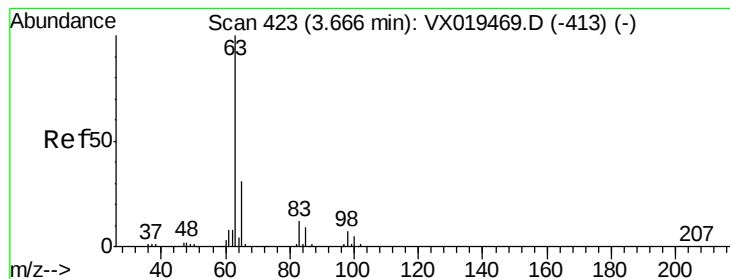
45 100

43 73.4 58.7 88.1

87 30.6 24.5 36.7

59 12.4 9.9 14.9





#21

1,1-Dichloroethane

Concen: 21.248 ug/l

RT: 3.67 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX019469.D

Acq: 19 Nov 2020 16:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

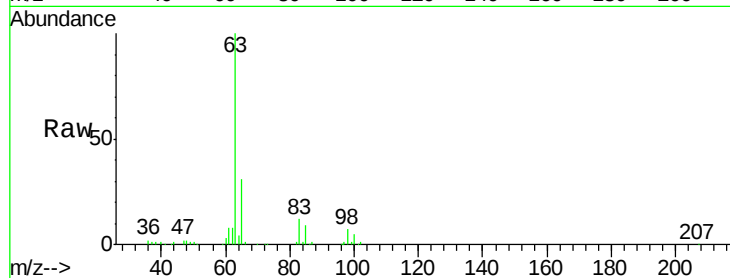
Tgt Ion: 63 Resp: 92010

Ion Ratio Lower Upper

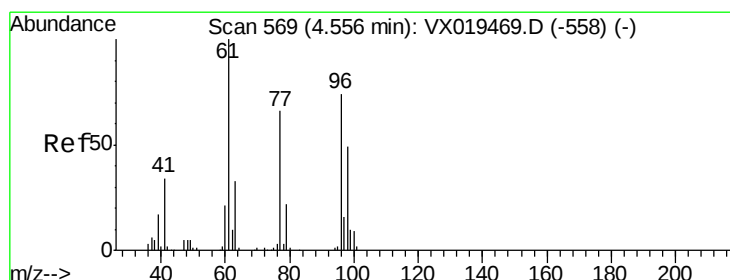
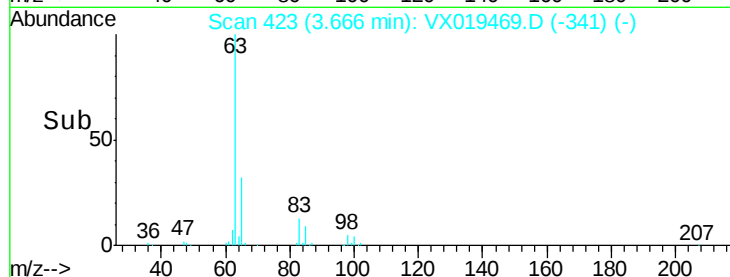
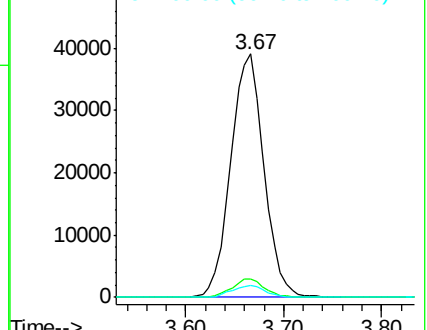
63 100

98 7.5 3.8 11.2

100 4.7 2.4 7.1



Abundance Ion 63.00 (62.70 to 63.70): VX0
Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): VX0



#22

cis-1,2-Dichloroethene

Concen: 19.416 ug/l

RT: 4.56 min Scan# 569

Delta R.T. 0.00 min

Lab File: VX019469.D

Acq: 19 Nov 2020 16:35

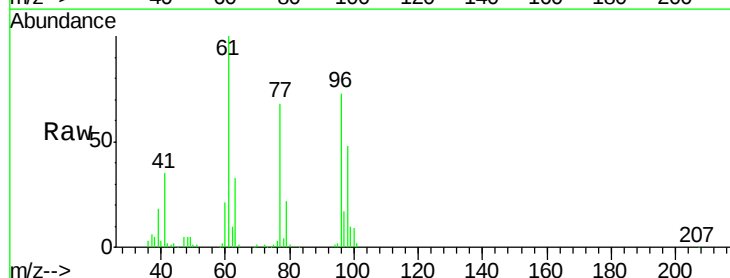
Tgt Ion: 96 Resp: 59904

Ion Ratio Lower Upper

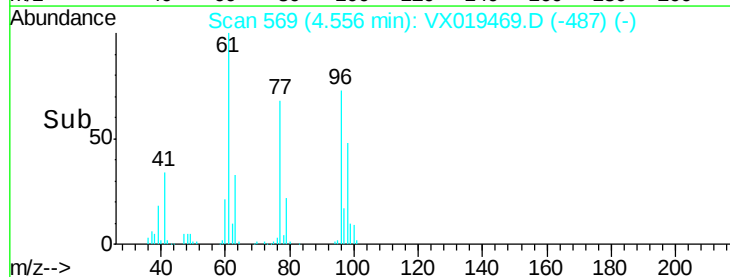
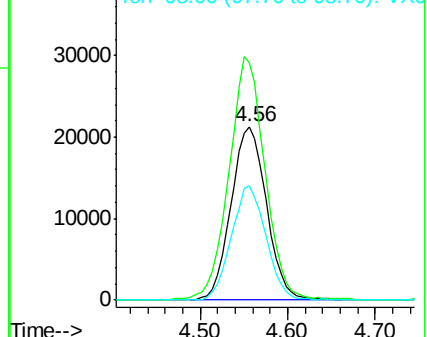
96 100

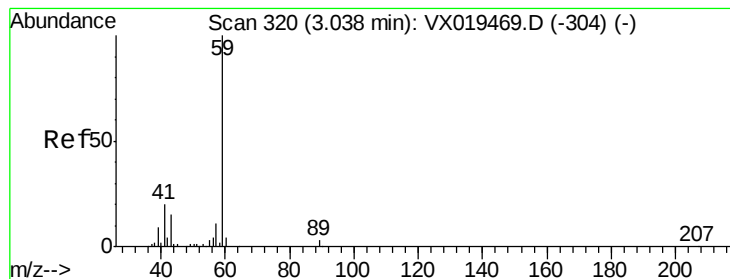
61 142.7 114.2 171.2

98 64.6 51.7 77.5



Abundance Ion 96.00 (95.70 to 96.70): VX0
Ion 61.00 (60.70 to 61.70): VX0
Ion 98.00 (97.70 to 98.70): VX0





#23

tert-Butyl Alcohol

Concen: 118.259 ug/l

RT: 3.04 min Scan# 320

Delta R.T. 0.00 min

Lab File: VX019469.D

Acq: 19 Nov 2020 16:35

Instrument :

MSVOA_X

ClientSampleId :

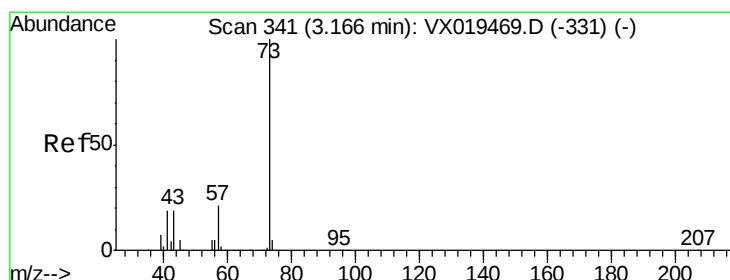
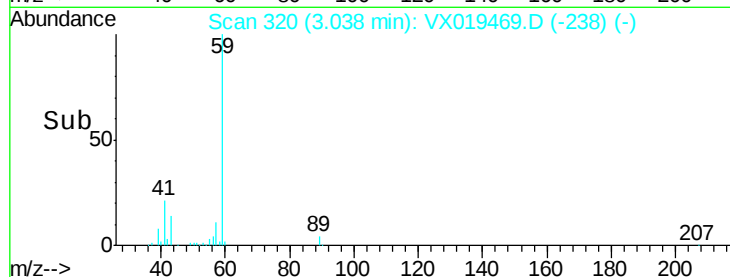
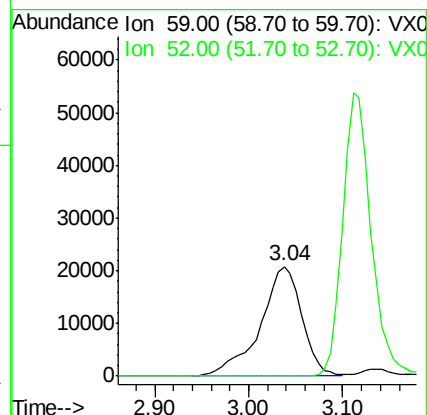
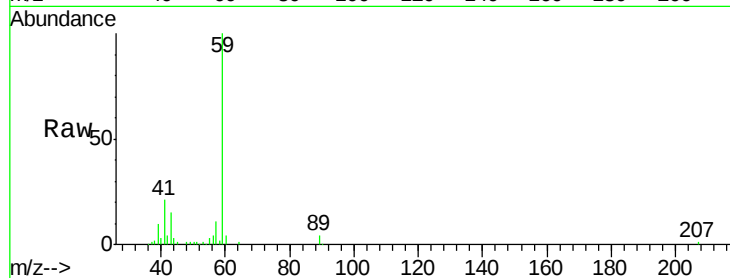
VSTDICCC020

Tgt Ion: 59 Resp: 64387

Ion Ratio Lower Upper

59 100

52 0.2 0.2 0.2



#24

Methyl tert-Butyl Ether

Concen: 21.449 ug/l

RT: 3.17 min Scan# 341

Delta R.T. 0.00 min

Lab File: VX019469.D

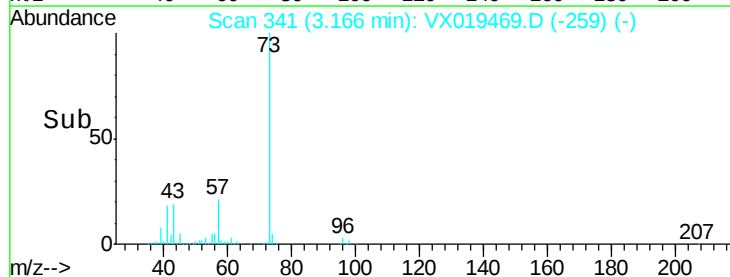
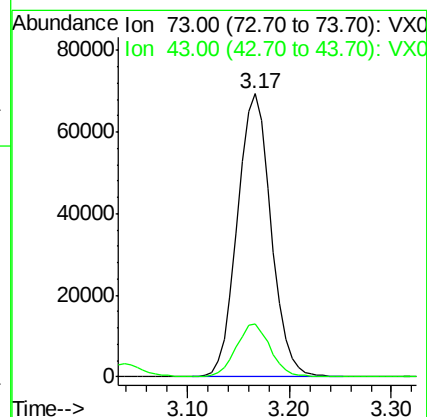
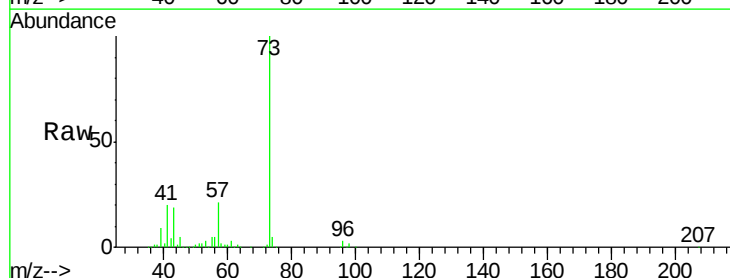
Acq: 19 Nov 2020 16:35

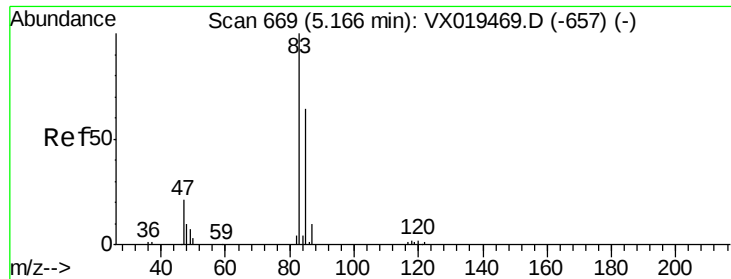
Tgt Ion: 73 Resp: 158794

Ion Ratio Lower Upper

73 100

43 18.8 15.0 22.6





#25

Chloroform

Concen: 20.388 ug/l

RT: 5.17 min Scan# 669

Delta R.T. 0.00 min

Lab File: VX019469.D

Acq: 19 Nov 2020 16:35

Instrument :

MSVOA_X

ClientSampleId :

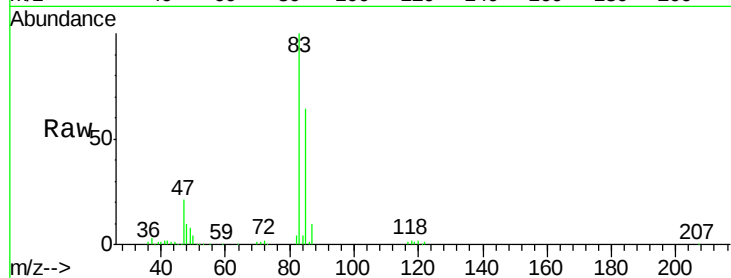
VSTDICCC020

Tgt Ion: 83 Resp: 96933

Ion Ratio Lower Upper

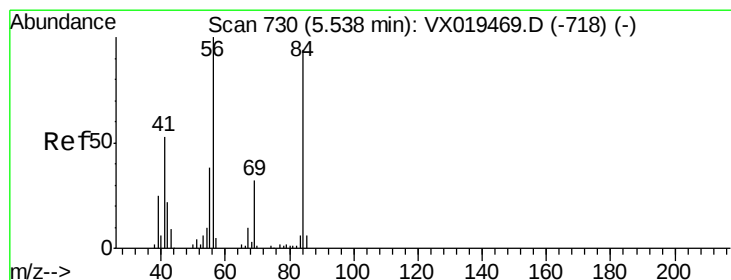
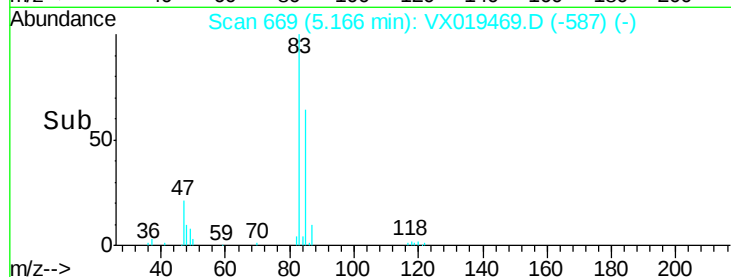
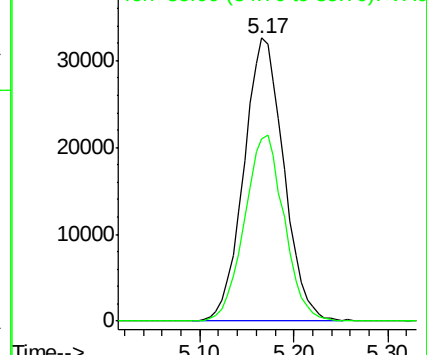
83 100

85 64.2 51.4 77.0



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 85.00 (84.70 to 85.70): VX0



#26

Cyclohexane

Concen: 22.551 ug/l

RT: 5.54 min Scan# 730

Delta R.T. 0.00 min

Lab File: VX019469.D

Acq: 19 Nov 2020 16:35

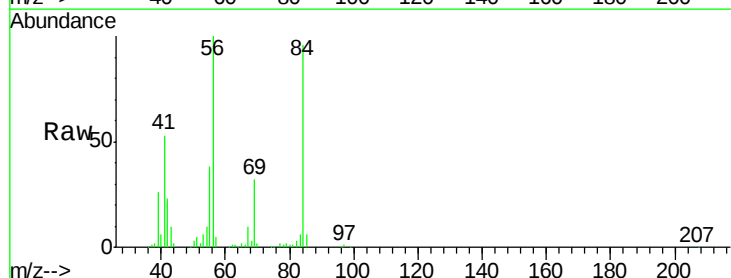
Tgt Ion: 56 Resp: 77382

Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

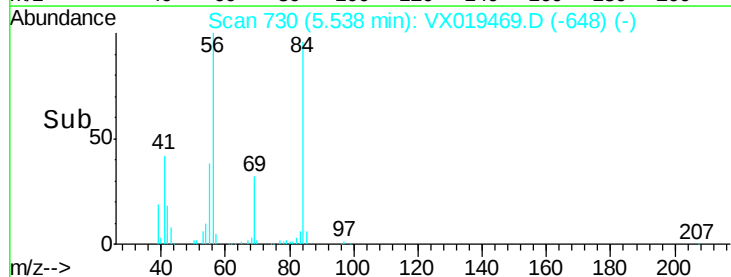
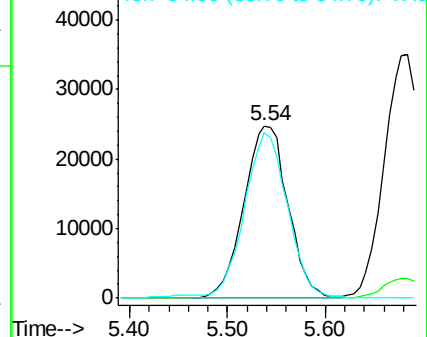
84 94.0 75.2 112.8

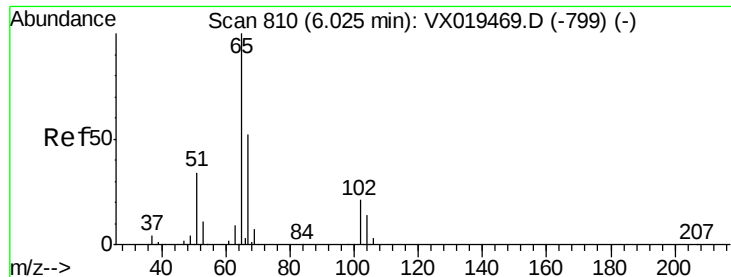


Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 89.00 (88.70 to 89.70): VX0

Ion 84.00 (83.70 to 84.70): VX0





#27

1,2-Dichloroethane-d4

Concen: 32.331 ug/l

RT: 6.03 min Scan# 810

Delta R.T. 0.00 min

Lab File: VX019469.D

Acq: 19 Nov 2020 16:35

Instrument :

MSVOA_X

ClientSampleId :

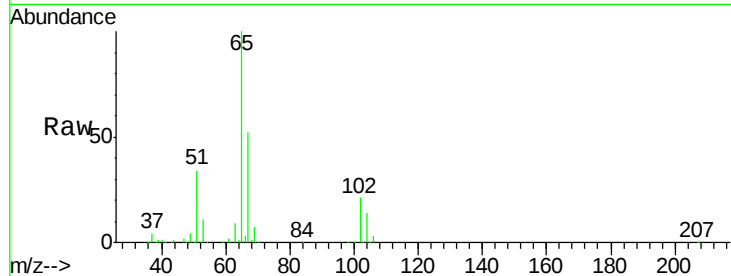
VSTDICCC020

Tgt Ion: 65 Resp: 95884

Ion Ratio Lower Upper

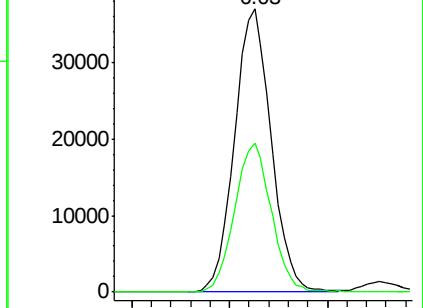
65 100

67 52.7 42.2 63.2

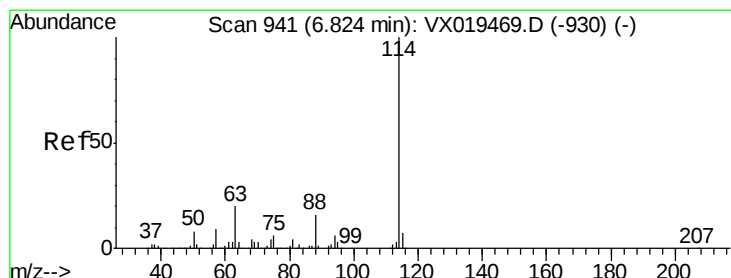
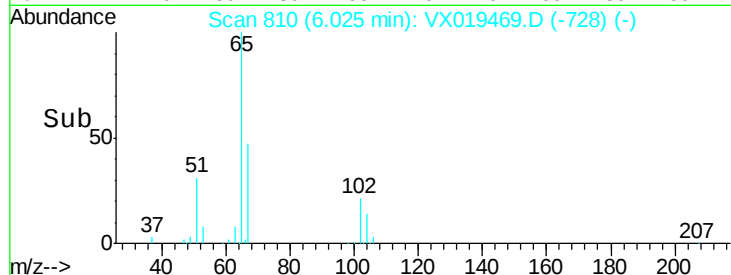


Abundance Ion 65.00 (64.70 to 65.70): VX0

Ion 67.00 (66.70 to 67.70): VX0



Time--> 5.90 6.00 6.10



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.82 min Scan# 941

Delta R.T. 0.00 min

Lab File: VX019469.D

Acq: 19 Nov 2020 16:35

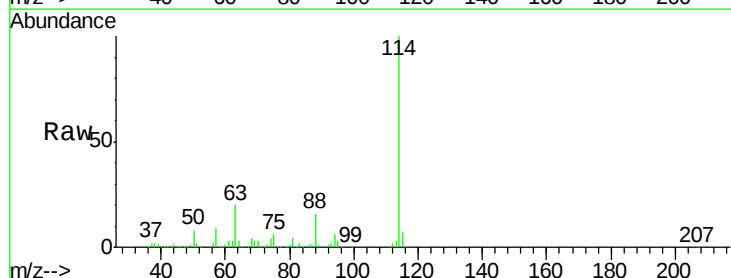
Tgt Ion: 114 Resp: 238144

Ion Ratio Lower Upper

114 100

63 20.2 16.2 24.2

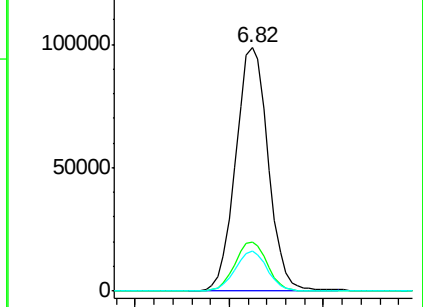
88 16.1 12.9 19.3



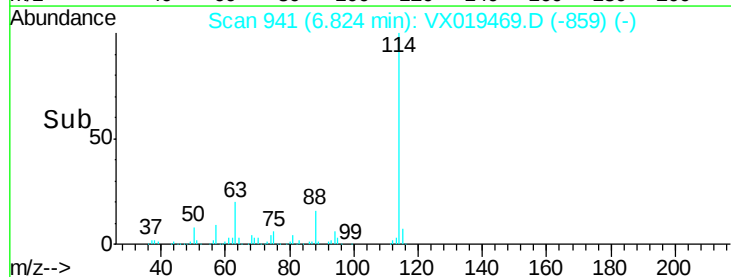
Abundance Ion 114.00 (113.70 to 114.70): V

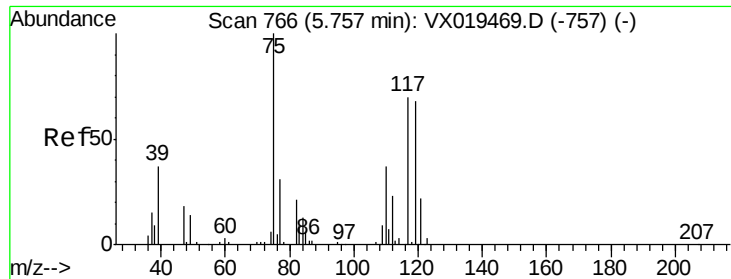
Ion 63.00 (62.70 to 63.70): VX0

Ion 88.00 (87.70 to 88.70): VX0



Time--> 6.70 6.80 6.90

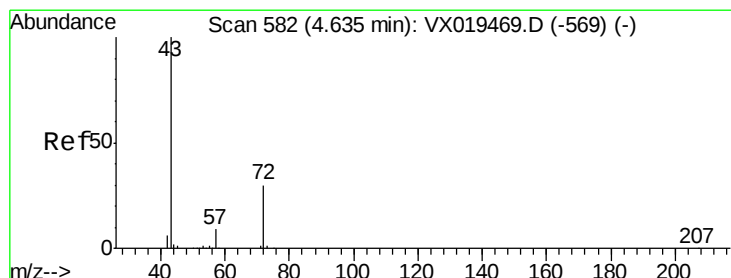
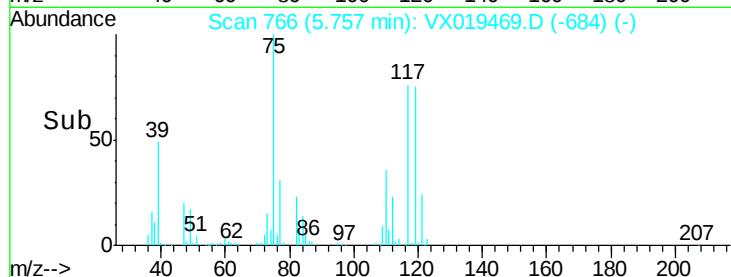
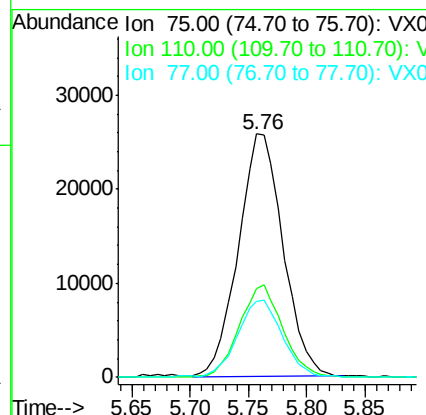
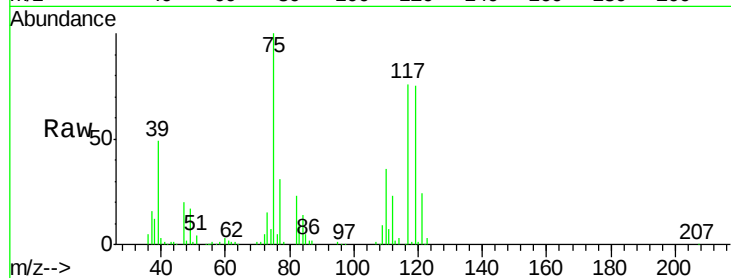




#29
 1,1-Dichloropropene
 Concen: 19.748 ug/l
 RT: 5.76 min Scan# 766
 Delta R.T. 0.00 min
 Lab File: VX019469.D
 Acq: 19 Nov 2020 16:35

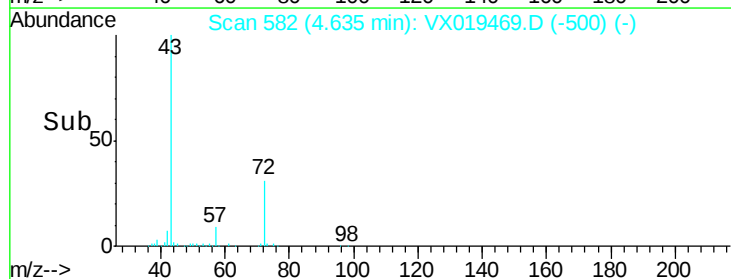
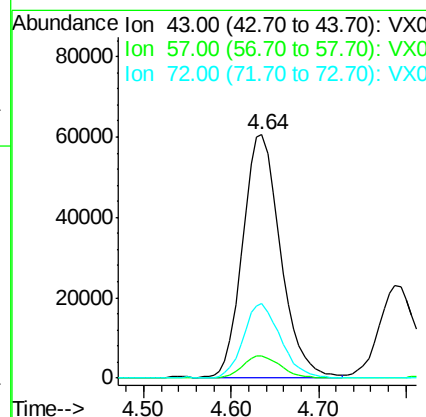
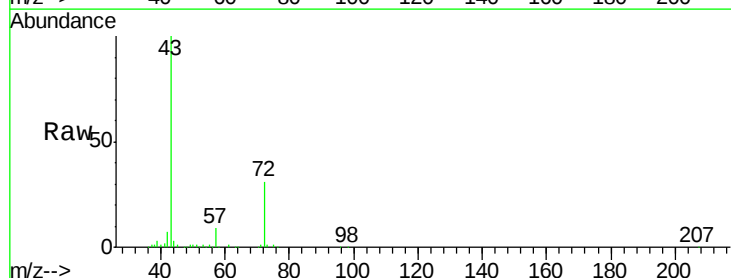
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

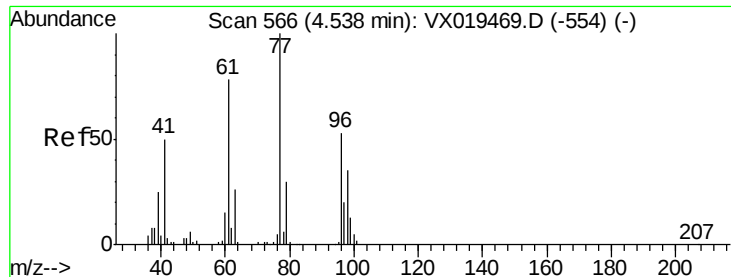
Tgt Ion: 75 Resp: 68895
 Ion Ratio Lower Upper
 75 100
 110 37.0 0.0 74.0
 77 31.8 0.0 63.6



#30
 2-Butanone
 Concen: 122.093 ug/l
 RT: 4.64 min Scan# 582
 Delta R.T. 0.00 min
 Lab File: VX019469.D
 Acq: 19 Nov 2020 16:35

Tgt Ion: 43 Resp: 180737
 Ion Ratio Lower Upper
 43 100
 57 9.2 7.4 11.0
 72 30.2 24.2 36.2





#31

2,2-Dichloropropane

Concen: 19.858 ug/l

RT: 4.54 min Scan# 566

Delta R.T. 0.00 min

Lab File: VX019469.D

Acq: 19 Nov 2020 16:35

Instrument :

MSVOA_X

ClientSampleId :

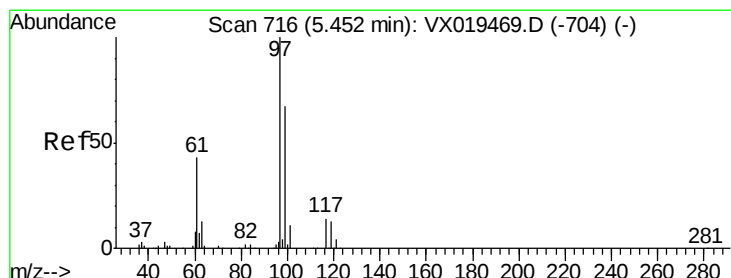
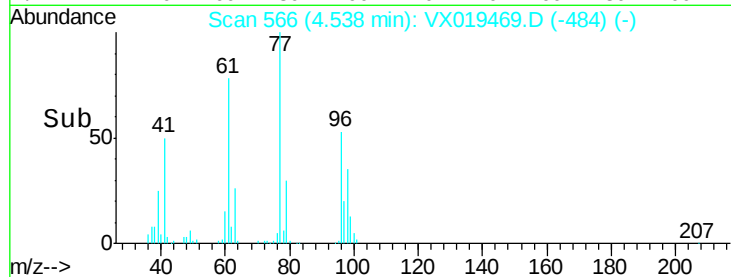
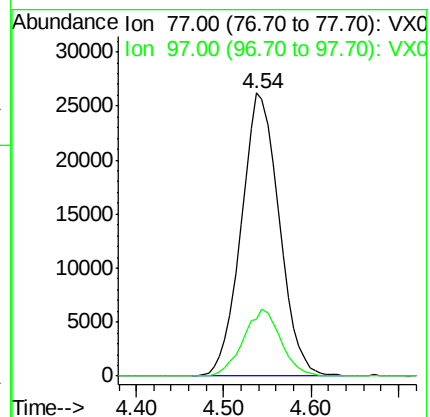
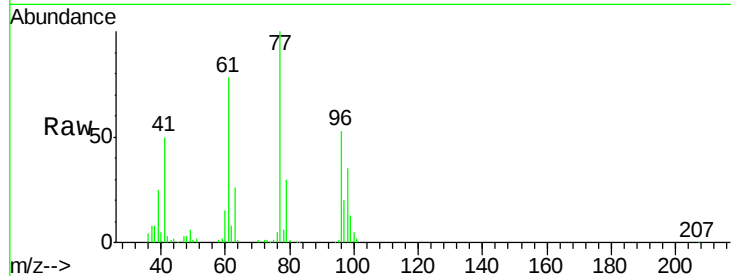
VSTDICCC020

Tgt Ion: 77 Resp: 79260

Ion Ratio Lower Upper

77 100

97 23.2 18.6 27.8



#32

1,1,1-Trichloroethane

Concen: 19.644 ug/l

RT: 5.45 min Scan# 716

Delta R.T. 0.00 min

Lab File: VX019469.D

Acq: 19 Nov 2020 16:35

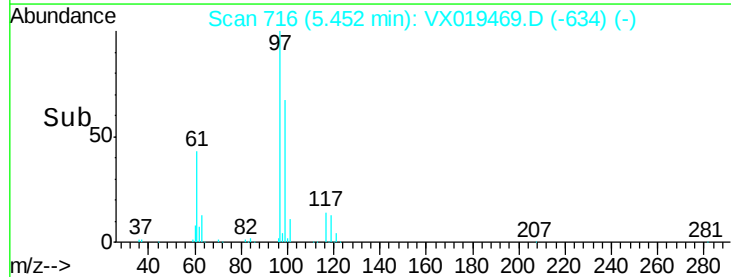
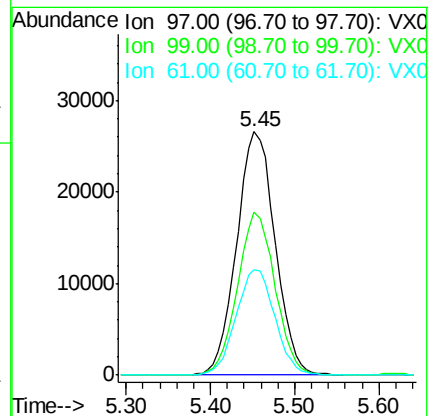
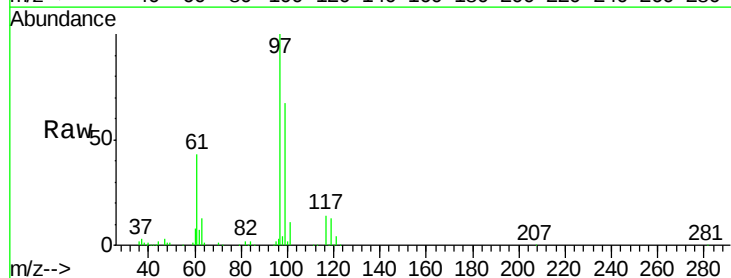
Tgt Ion: 97 Resp: 82209

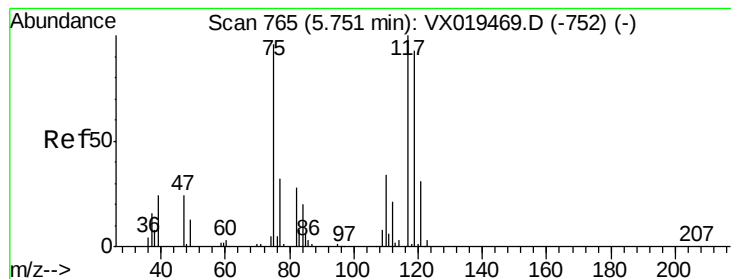
Ion Ratio Lower Upper

97 100

99 65.4 52.3 78.5

61 43.6 34.9 52.3





#33

Carbon Tetrachloride

Concen: 18.994 ug/l

RT: 5.75 min Scan# 765

Delta R.T. 0.00 min

Lab File: VX019469.D

Acq: 19 Nov 2020 16:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

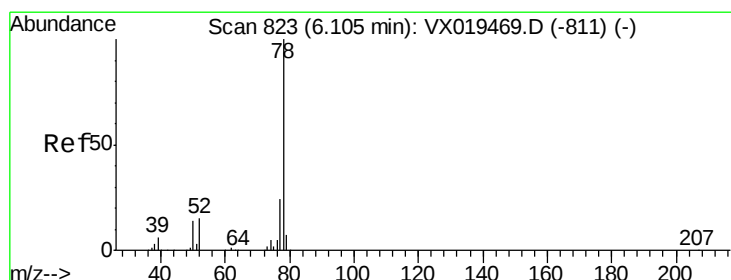
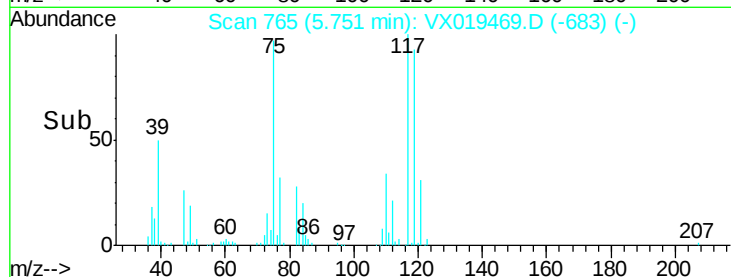
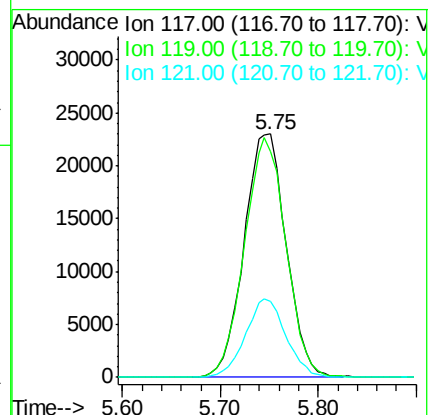
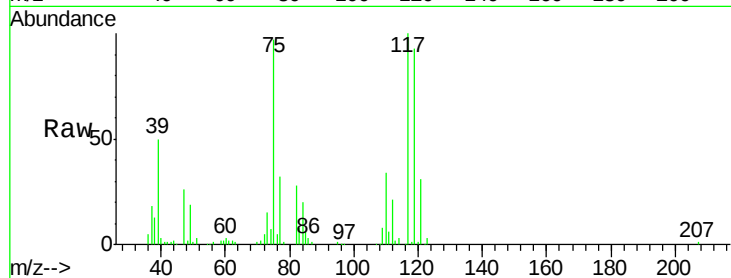
Tgt Ion:117 Resp: 68787

Ion Ratio Lower Upper

117 100

119 92.8 74.2 111.4

121 31.2 25.0 37.4



#34

Benzene

Concen: 21.125 ug/l

RT: 6.10 min Scan# 823

Delta R.T. 0.00 min

Lab File: VX019469.D

Acq: 19 Nov 2020 16:35

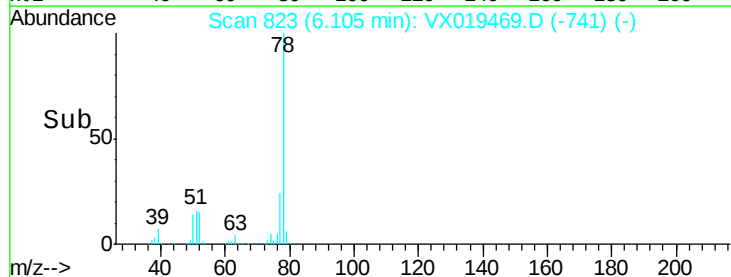
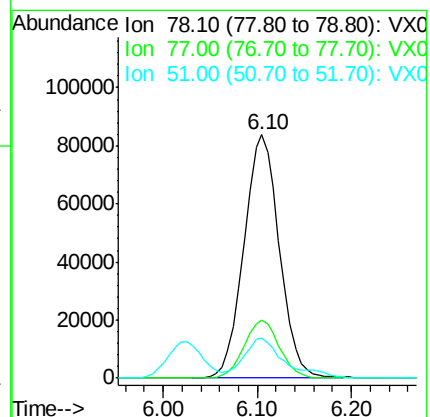
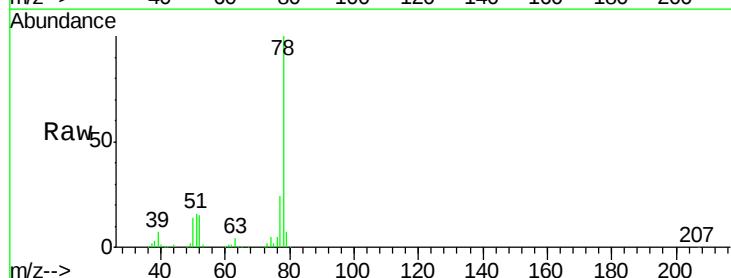
Tgt Ion: 78 Resp: 220562

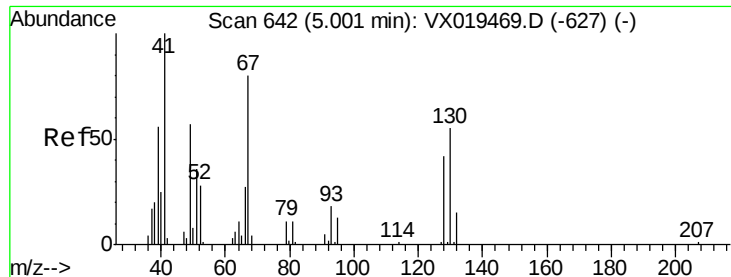
Ion Ratio Lower Upper

78 100

77 23.8 19.0 28.6

51 15.9 12.7 19.1

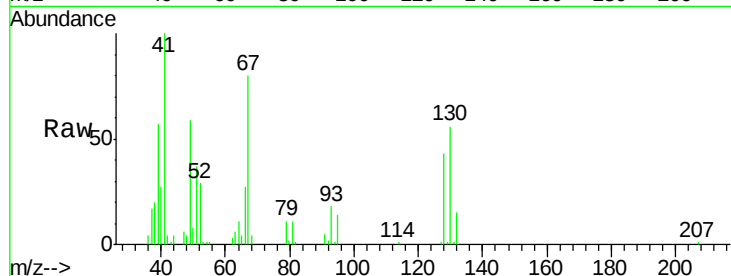




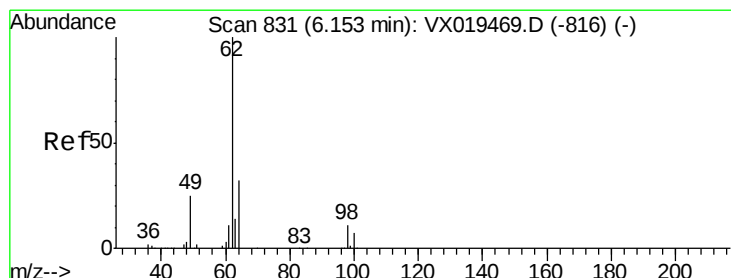
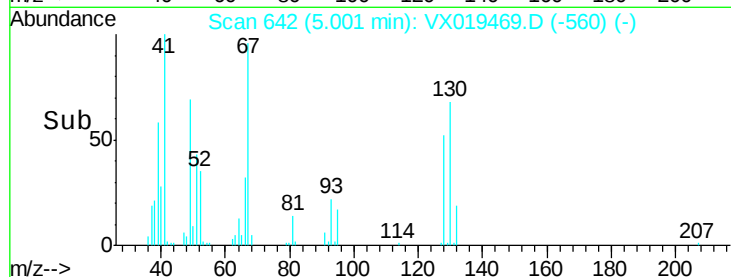
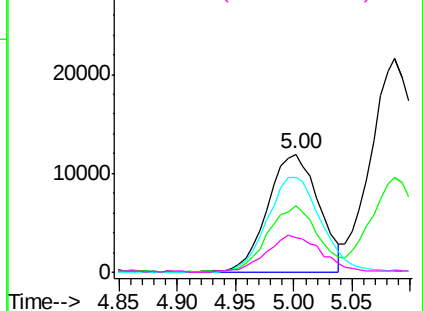
#35
Methacrylonitrile
Concen: 23.360 ug/l
RT: 5.00 min Scan# 642
Delta R.T. 0.00 min
Lab File: VX019469.D
Acq: 19 Nov 2020 16:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tgt Ion: 41 Resp: 36491
Ion Ratio Lower Upper
41 100
39 56.0 28.0 84.0
67 79.9 40.0 119.9
52 28.5 14.2 42.8

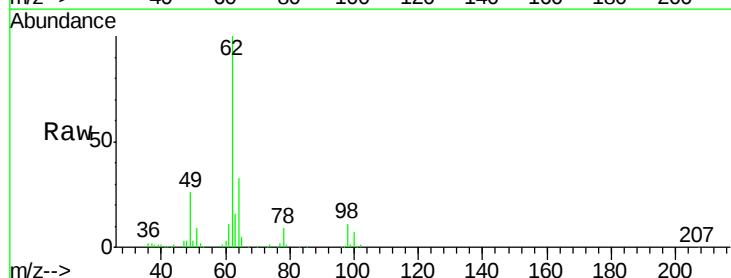


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

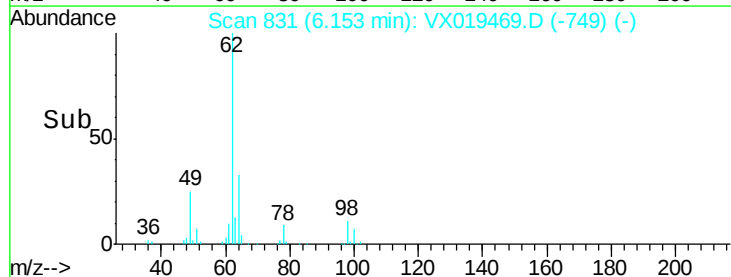
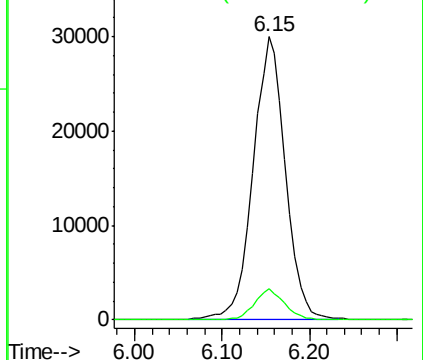


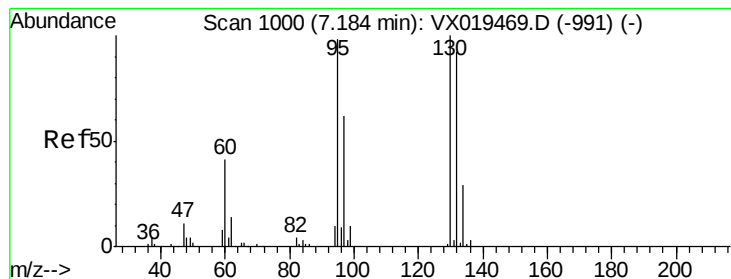
#36
1,2-Dichloroethane
Concen: 21.464 ug/l
RT: 6.15 min Scan# 831
Delta R.T. 0.00 min
Lab File: VX019469.D
Acq: 19 Nov 2020 16:35

Tgt Ion: 62 Resp: 77123
Ion Ratio Lower Upper
62 100
98 10.1 8.1 12.1



Abundance Ion 62.00 (61.70 to 62.70): VX0
Ion 98.00 (97.70 to 98.70): VX0





#37

Trichloroethene

Concen: 19.635 ug/l

RT: 7.18 min Scan# 1000

Delta R.T. 0.00 min

Lab File: VX019469.D

Acq: 19 Nov 2020 16:35

Instrument :

MSVOA_X

ClientSampleId :

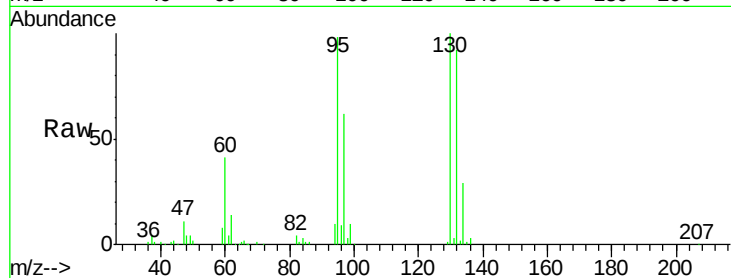
VSTDICCC020

Tgt Ion:130 Resp: 58045

Ion Ratio Lower Upper

130 100

95 98.5 78.8 118.2



Abundance Ion 129.90 (129.60 to 130.60): VX019469.D (-991) (-)

Ion 94.90 (94.60 to 95.60): VX019469.D (-991) (-)

7.18

30000

25000

20000

15000

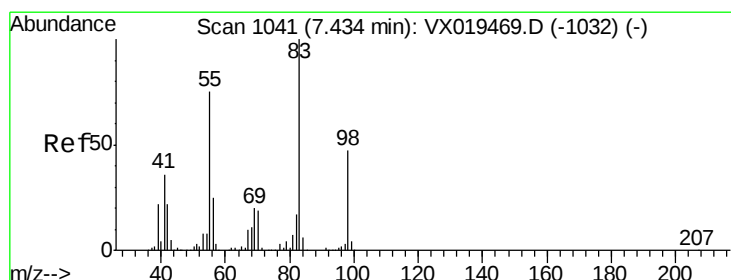
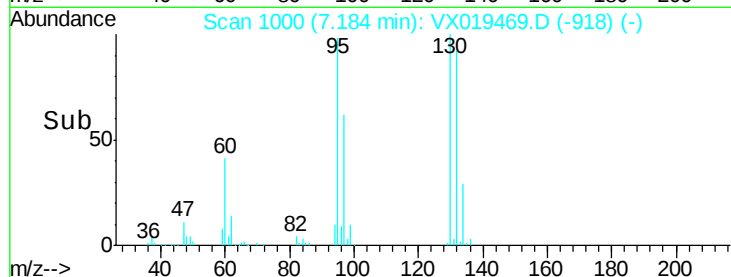
10000

5000

0

7.10 7.20 7.30

Time-->



#38

Methylcyclohexane

Concen: 20.966 ug/l

RT: 7.43 min Scan# 1041

Delta R.T. 0.00 min

Lab File: VX019469.D

Acq: 19 Nov 2020 16:35

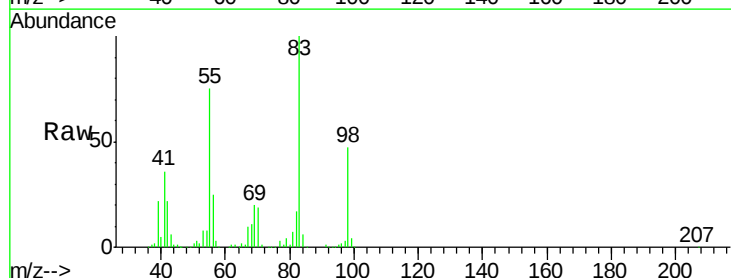
Tgt Ion: 83 Resp: 83387

Ion Ratio Lower Upper

83 100

55 75.4 37.7 113.1

98 49.4 24.7 74.1



Abundance Ion 83.00 (82.70 to 83.70): VX019469.D (-1032) (-)

Ion 55.00 (54.70 to 55.70): VX019469.D (-1032) (-)

Ion 98.00 (97.70 to 98.70): VX019469.D (-1032) (-)

7.43

50000

40000

30000

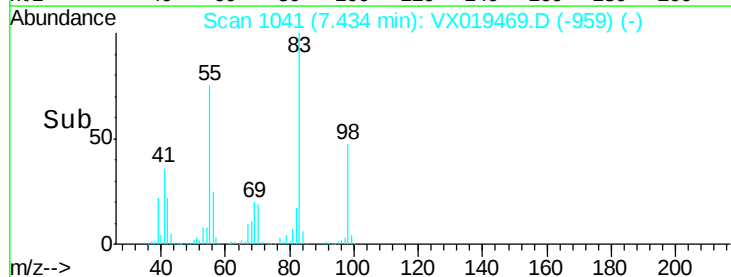
20000

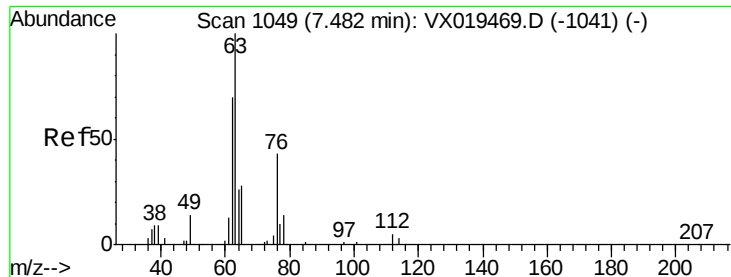
10000

0

7.40 7.50

Time-->





#39

1,2-Dichloropropane

Concen: 22.292 ug/l

RT: 7.48 min Scan# 1049

Delta R.T. 0.00 min

Lab File: VX019469.D

Acq: 19 Nov 2020 16:35

Instrument :

MSVOA_X

ClientSampleId :

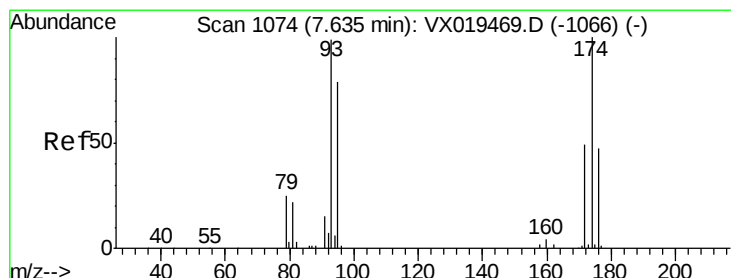
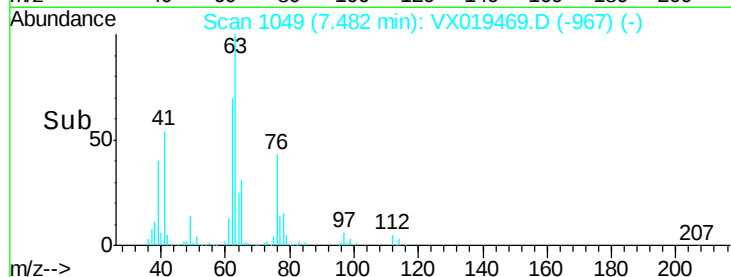
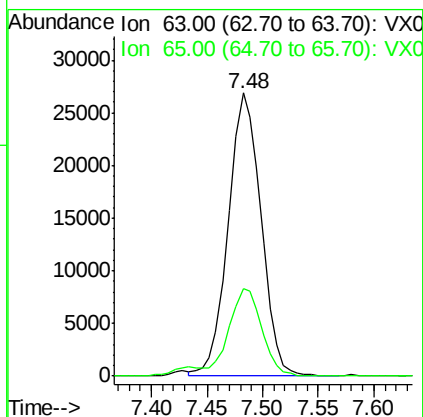
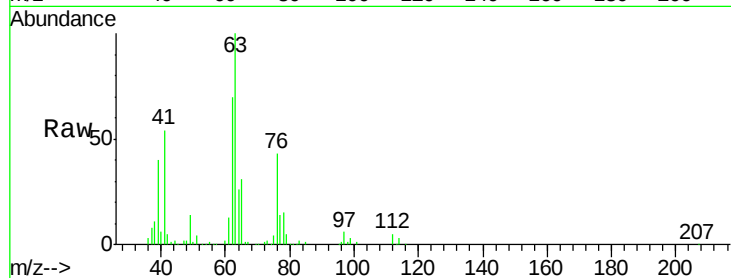
VSTDICCC020

Tgt Ion: 63 Resp: 55091

Ion Ratio Lower Upper

63 100

65 31.0 24.8 37.2



#40

Dibromomethane

Concen: 20.662 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. 0.00 min

Lab File: VX019469.D

Acq: 19 Nov 2020 16:35

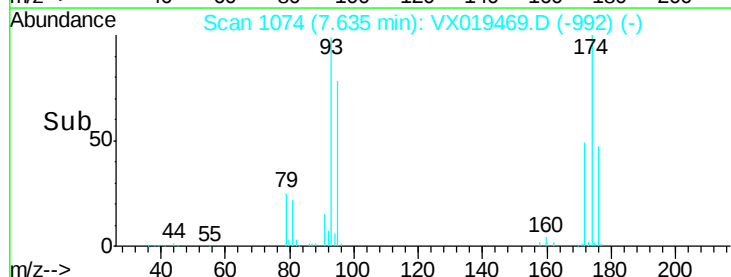
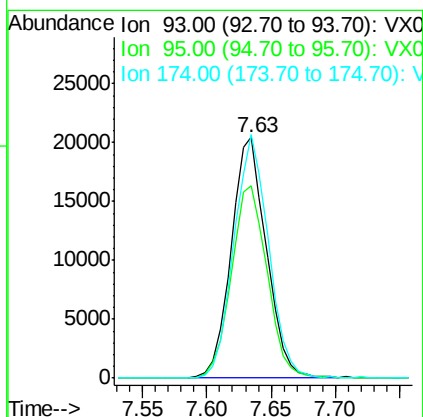
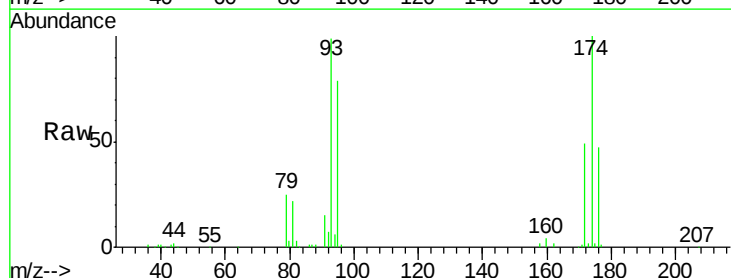
Tgt Ion: 93 Resp: 38755

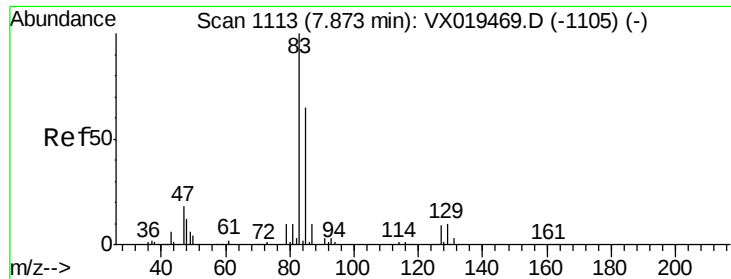
Ion Ratio Lower Upper

93 100

95 81.2 0.0 162.4

174 99.4 0.0 198.8

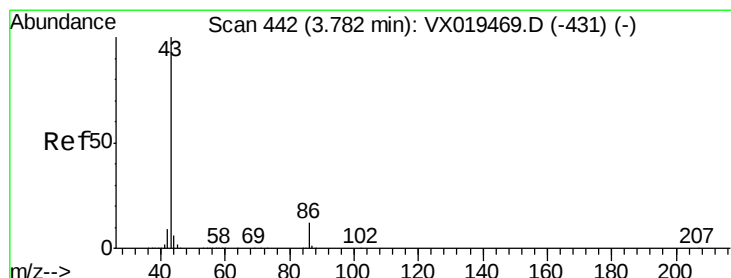
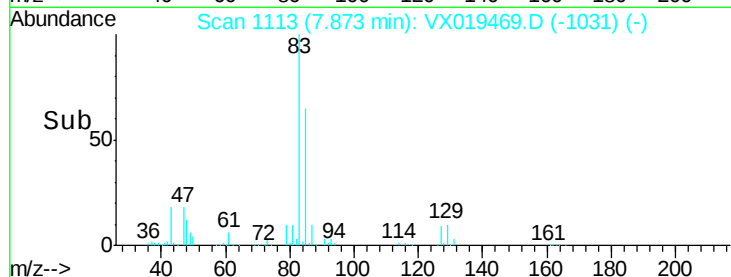
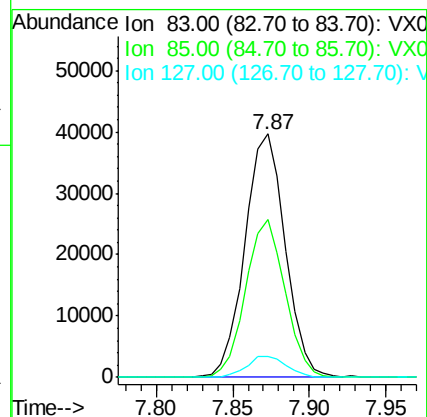
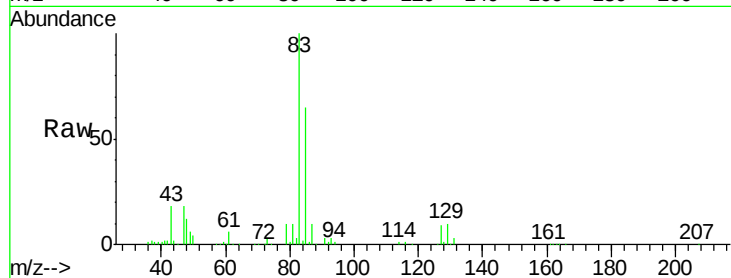




#41
Bromodichloromethane
Concen: 19.779 ug/l
RT: 7.87 min Scan# 1113
Delta R.T. 0.00 min
Lab File: VX019469.D
Acq: 19 Nov 2020 16:35

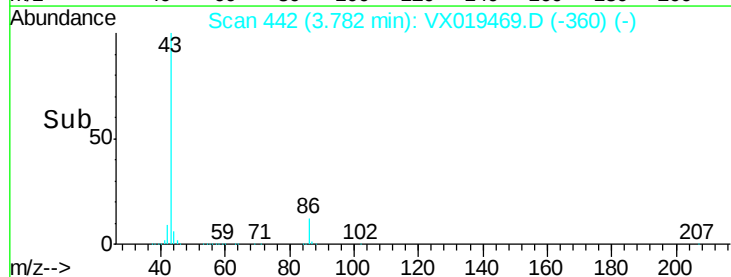
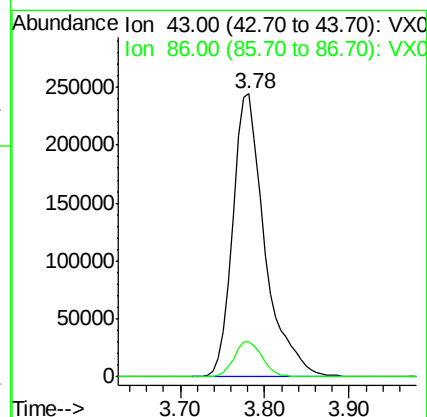
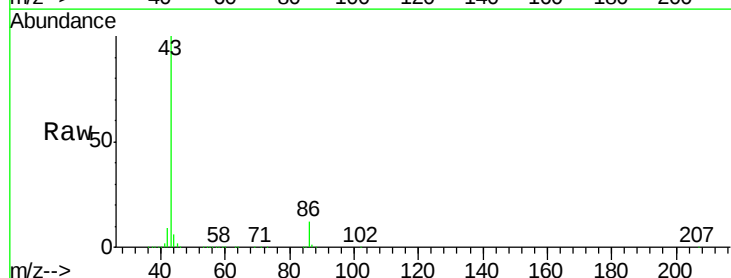
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

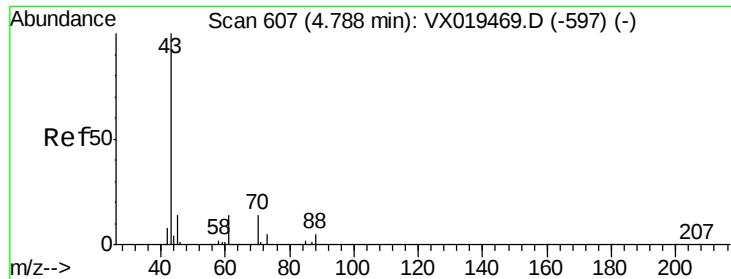
Tgt Ion: 83 Resp: 72765
Ion Ratio Lower Upper
83 100
85 64.6 51.7 77.5
127 8.8 7.0 10.6



#42
Vinyl Acetate
Concen: 112.933 ug/l
RT: 3.78 min Scan# 442
Delta R.T. 0.00 min
Lab File: VX019469.D
Acq: 19 Nov 2020 16:35

Tgt Ion: 43 Resp: 631901
Ion Ratio Lower Upper
43 100
86 11.0 8.8 13.2

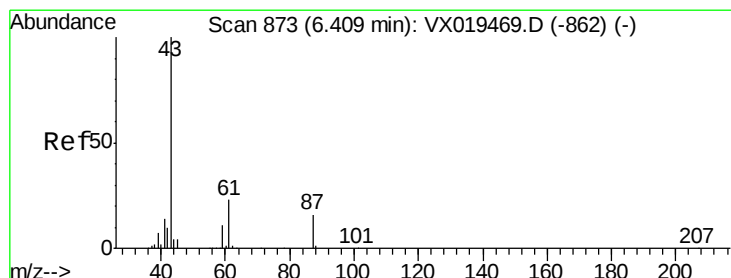
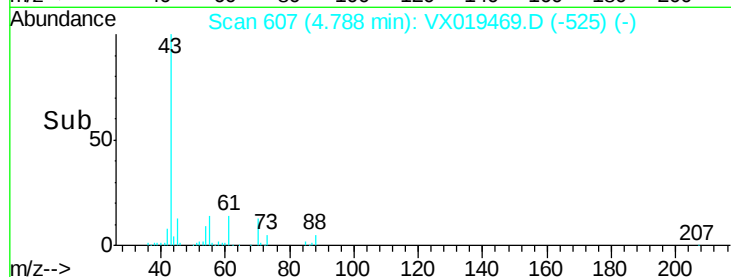
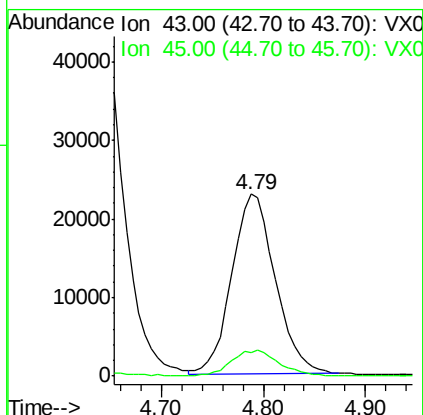
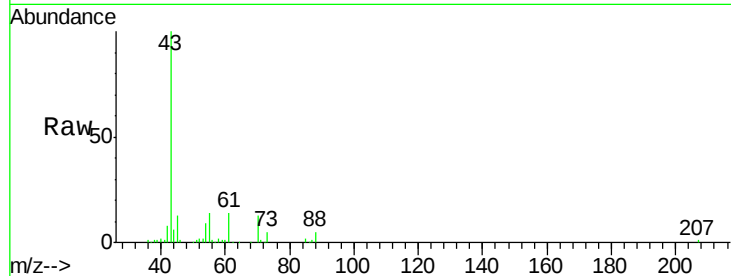




#43
Ethyl Acetate
Concen: 22.306 ug/l
RT: 4.79 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX019469.D
Acq: 19 Nov 2020 16:35

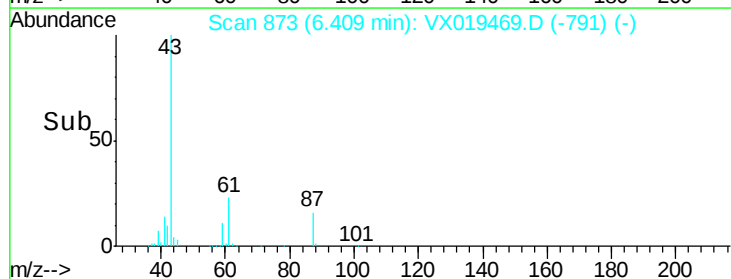
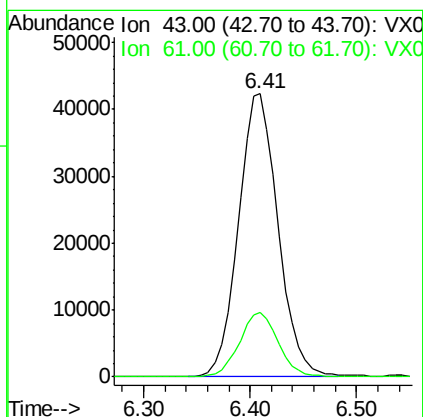
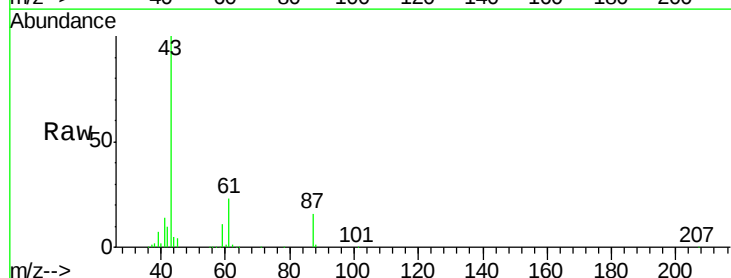
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

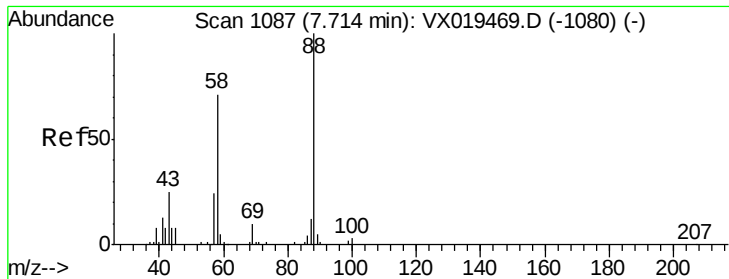
Tgt Ion: 43 Resp: 67345
Ion Ratio Lower Upper
43 100
45 16.1 12.9 19.3



#44
Isopropyl Acetate
Concen: 21.787 ug/l
RT: 6.41 min Scan# 873
Delta R.T. 0.00 min
Lab File: VX019469.D
Acq: 19 Nov 2020 16:35

Tgt Ion: 43 Resp: 109580
Ion Ratio Lower Upper
43 100
61 22.6 18.1 27.1





#45

1,4-Dioxane

Concen: 467.858 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. 0.00 min

Lab File: VX019469.D

Acq: 19 Nov 2020 16:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

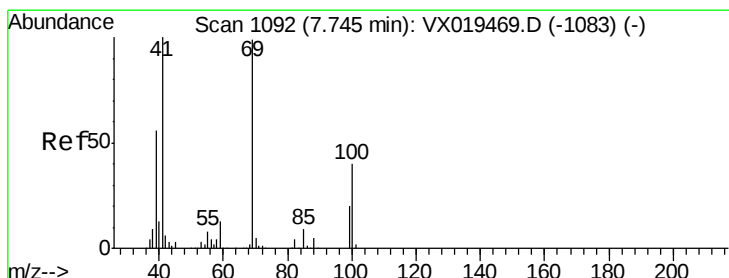
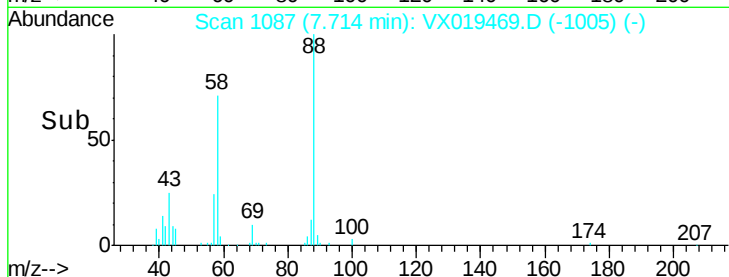
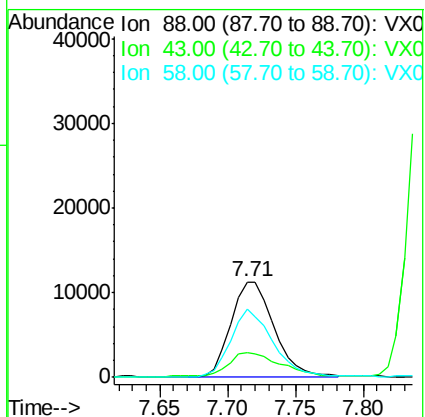
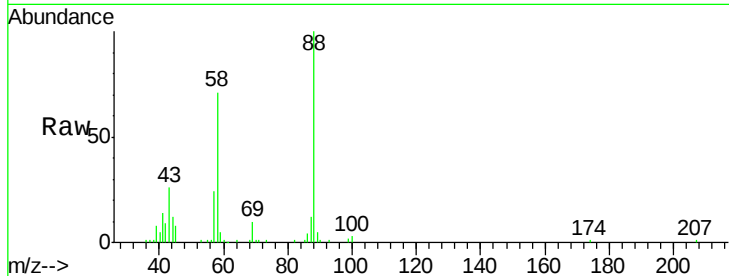
Tgt Ion: 88 Resp: 25014

Ion Ratio Lower Upper

88 100

43 30.3 24.2 36.4

58 70.7 56.6 84.8



#46

Methyl methacrylate

Concen: 22.395 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. 0.00 min

Lab File: VX019469.D

Acq: 19 Nov 2020 16:35

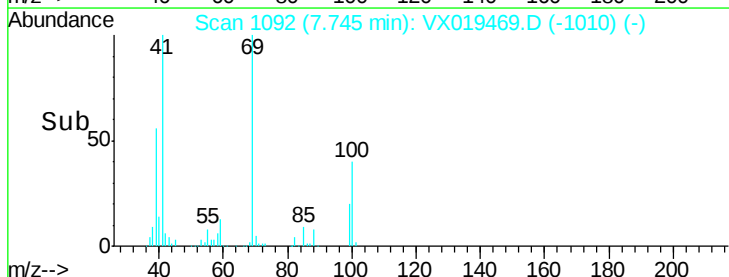
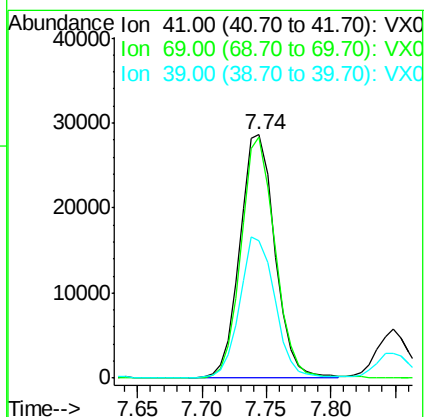
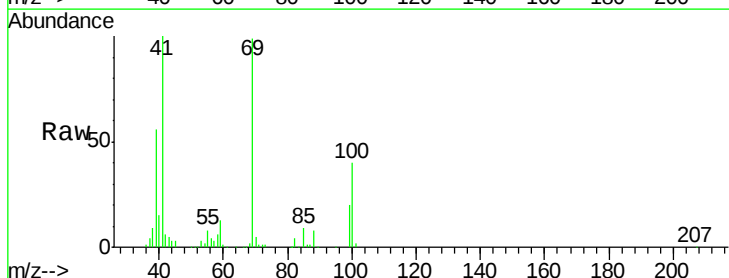
Tgt Ion: 41 Resp: 53384

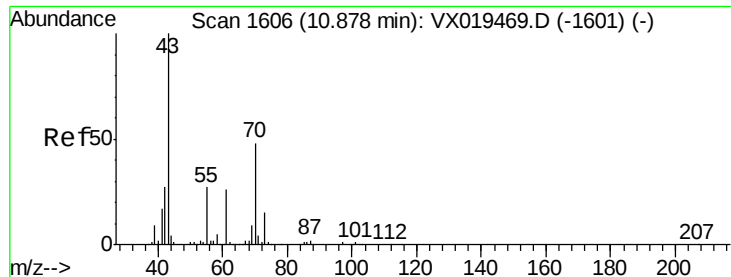
Ion Ratio Lower Upper

41 100

69 99.4 49.7 149.1

39 56.3 28.1 84.4

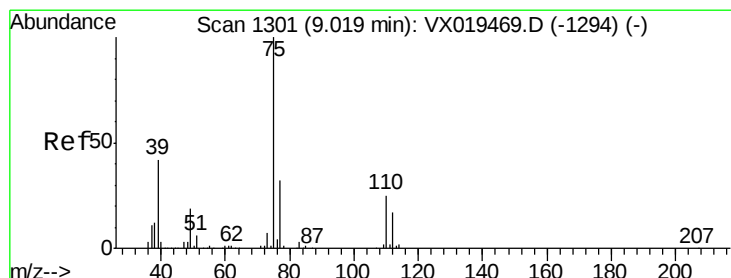
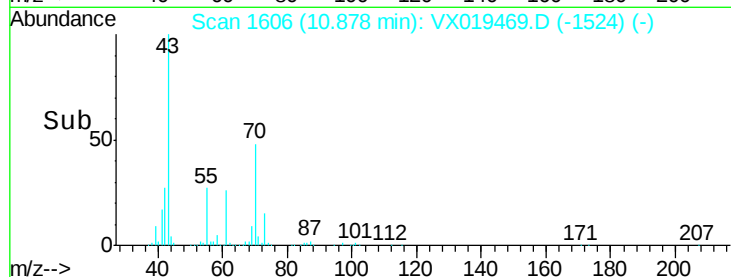
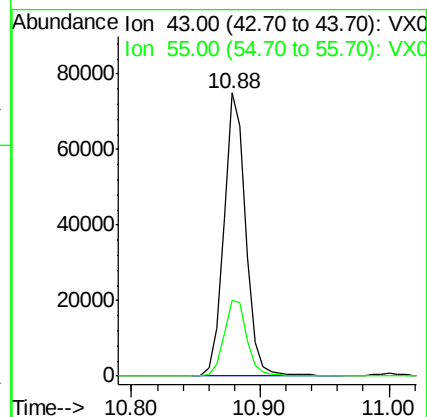
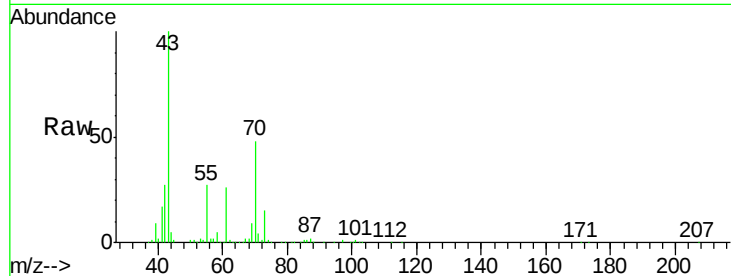




#47
n-amy1 Acetate
Concen: 22.047 ug/l
RT: 10.88 min Scan# 1606
Delta R.T. 0.00 min
Lab File: VX019469.D
Acq: 19 Nov 2020 16:35

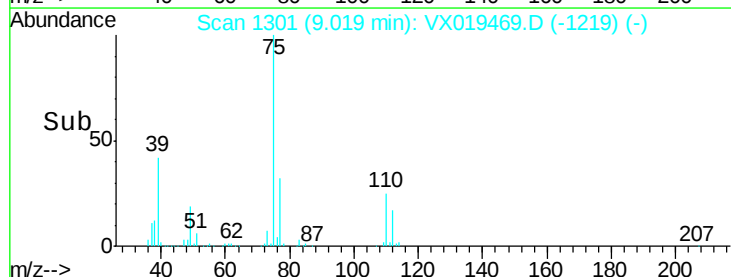
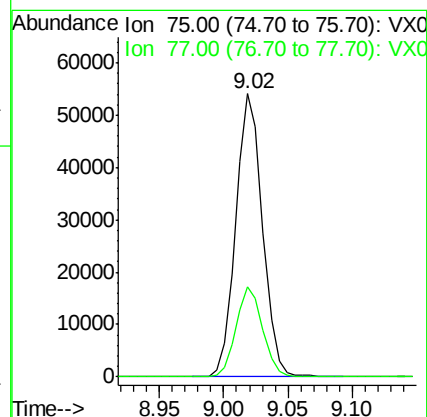
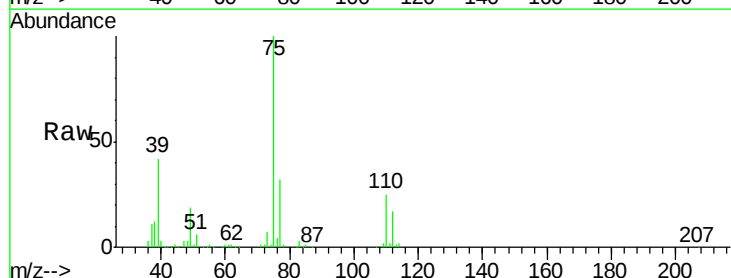
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

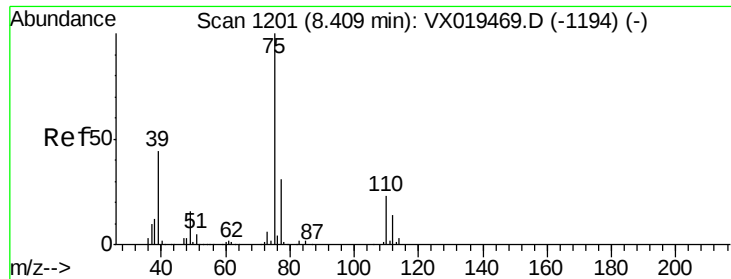
Tgt Ion: 43 Resp: 89342
Ion Ratio Lower Upper
43 100
55 28.5 22.8 34.2



#48
t-1,3-Dichloropropene
Concen: 19.189 ug/l
RT: 9.02 min Scan# 1301
Delta R.T. 0.00 min
Lab File: VX019469.D
Acq: 19 Nov 2020 16:35

Tgt Ion: 75 Resp: 78492
Ion Ratio Lower Upper
75 100
77 31.8 25.4 38.2

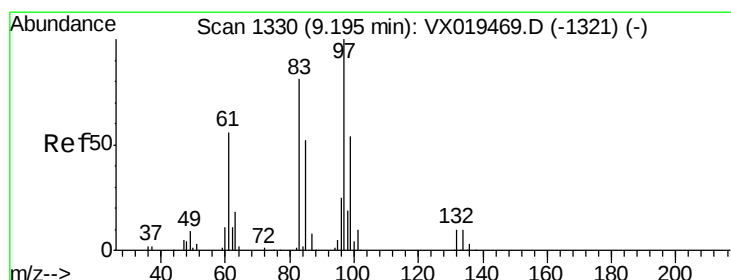
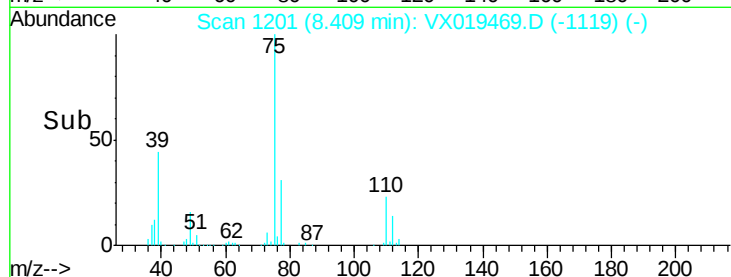
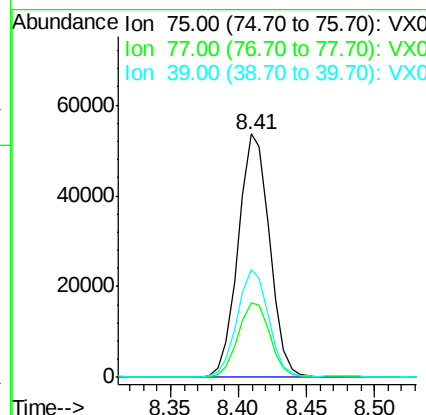
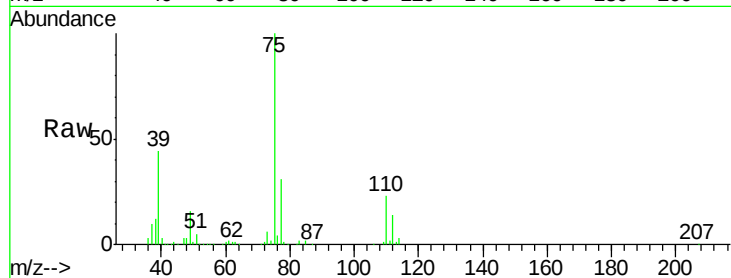




#49
 cis-1,3-Dichloropropene
 Concen: 19.783 ug/l
 RT: 8.41 min Scan# 1201
 Delta R.T. 0.00 min
 Lab File: VX019469.D
 Acq: 19 Nov 2020 16:35

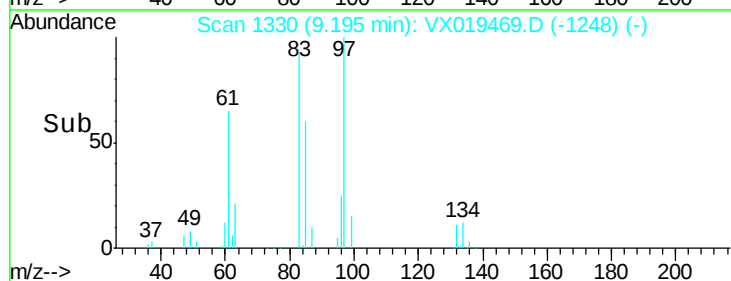
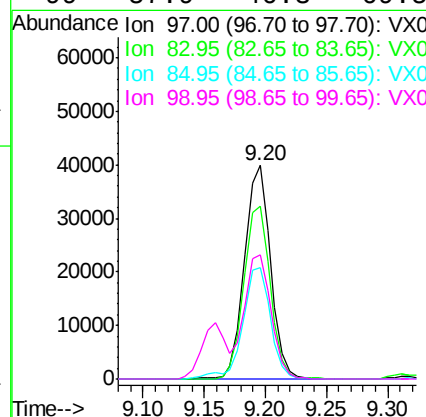
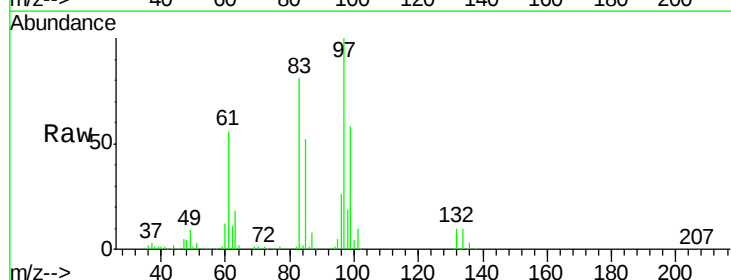
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

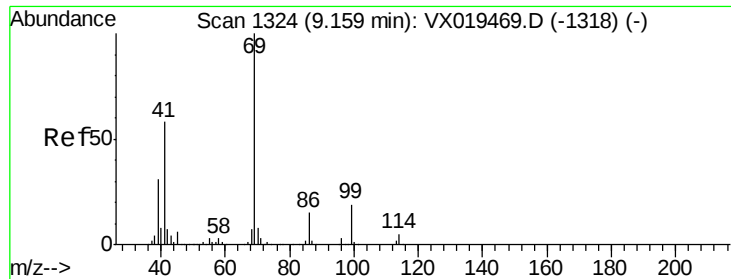
Tgt Ion: 75 Resp: 86611
 Ion Ratio Lower Upper
 75 100
 77 30.9 24.7 37.1
 39 44.1 35.3 52.9



#50
 1,1,2-Trichloroethane
 Concen: 21.372 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VX019469.D
 Acq: 19 Nov 2020 16:35

Tgt Ion: 97 Resp: 58723
 Ion Ratio Lower Upper
 97 100
 83 81.0 64.8 97.2
 85 52.3 41.8 62.8
 99 57.9 46.3 69.5

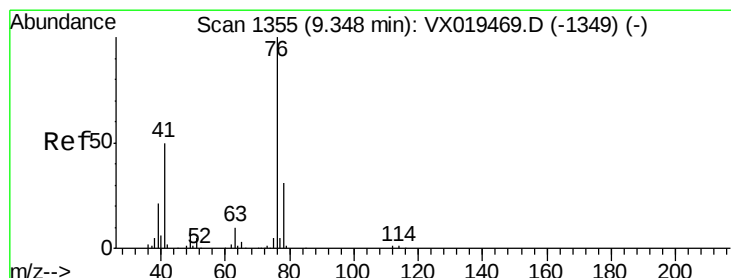
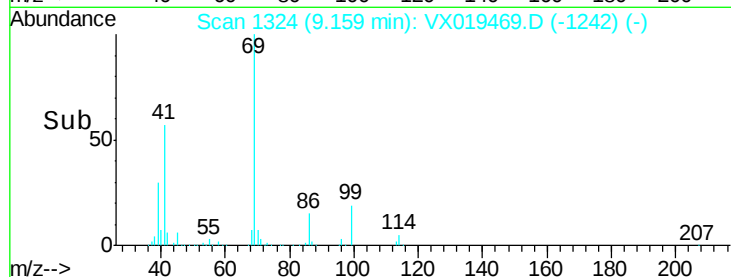
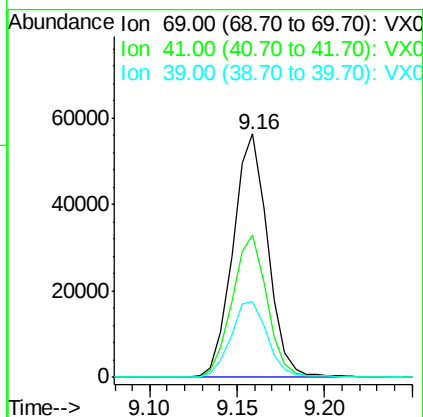
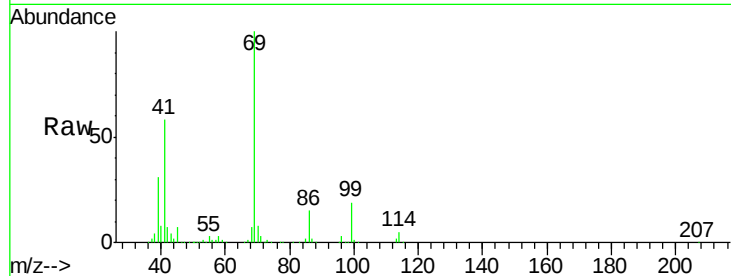




#51
Ethyl methacrylate
Concen: 19.810 ug/l
RT: 9.16 min Scan# 1324
Delta R.T. 0.00 min
Lab File: VX019469.D
Acq: 19 Nov 2020 16:35

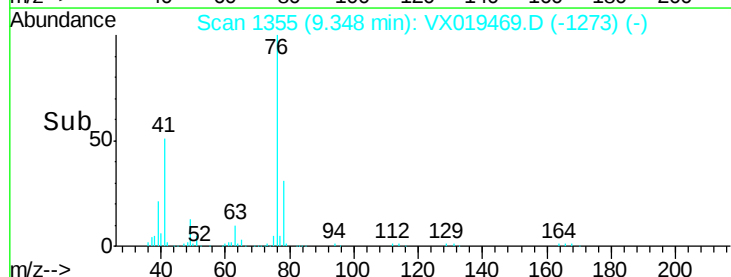
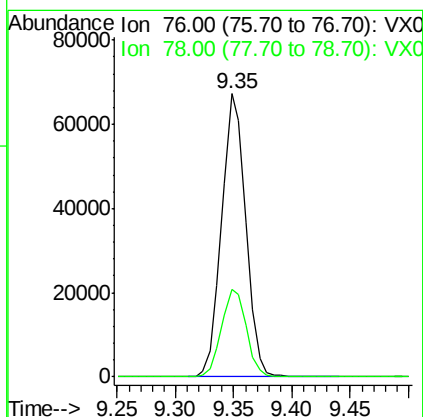
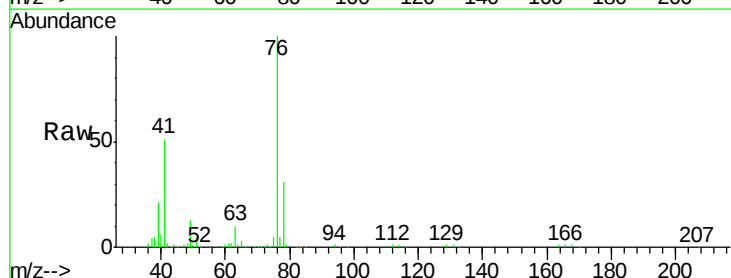
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

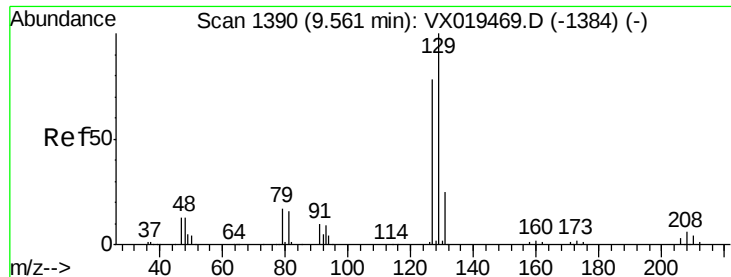
Tgt Ion: 69 Resp: 77975
Ion Ratio Lower Upper
69 100
41 58.1 29.0 87.1
39 30.9 15.4 46.4



#52
1,3-Dichloropropane
Concen: 21.572 ug/l
RT: 9.35 min Scan# 1355
Delta R.T. 0.00 min
Lab File: VX019469.D
Acq: 19 Nov 2020 16:35

Tgt Ion: 76 Resp: 96459
Ion Ratio Lower Upper
76 100
78 31.7 0.0 63.4





#53

Dibromochloromethane

Concen: 18.637 ug/l

RT: 9.56 min Scan# 1390

Delta R.T. 0.00 min

Lab File: VX019469.D

Acq: 19 Nov 2020 16:35

Instrument :

MSVOA_X

ClientSampleId :

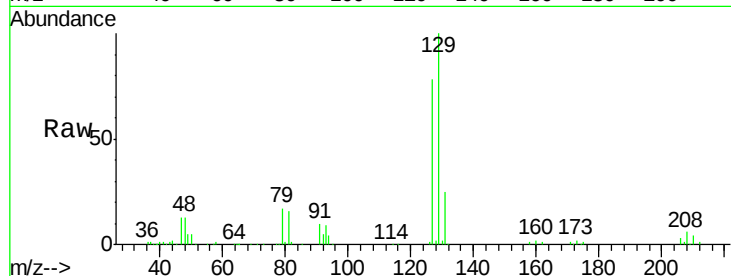
VSTDICCC020

Tgt Ion:129 Resp: 55637

Ion Ratio Lower Upper

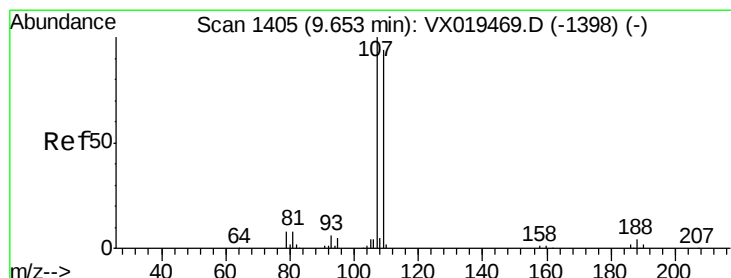
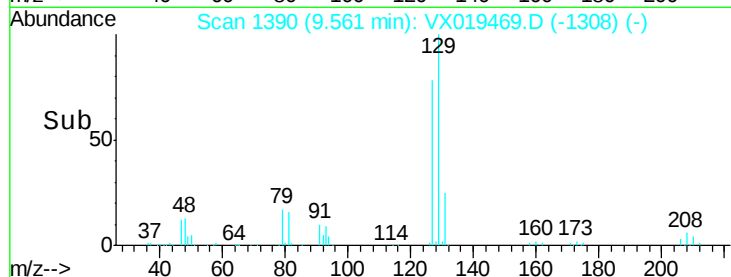
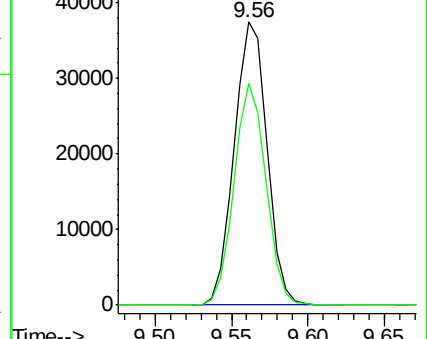
129 100

127 76.1 38.0 114.1



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#54

1,2-Dibromoethane

Concen: 20.359 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX019469.D

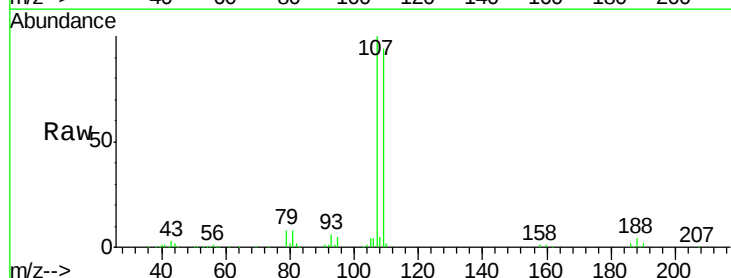
Acq: 19 Nov 2020 16:35

Tgt Ion:107 Resp: 59954

Ion Ratio Lower Upper

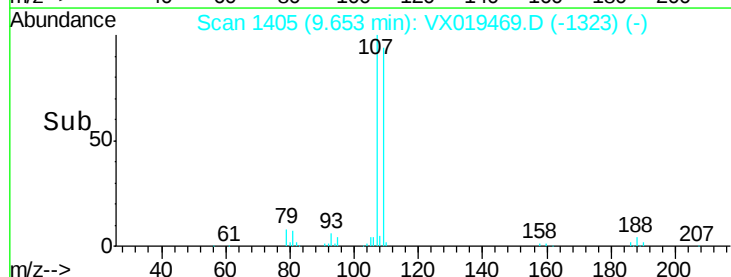
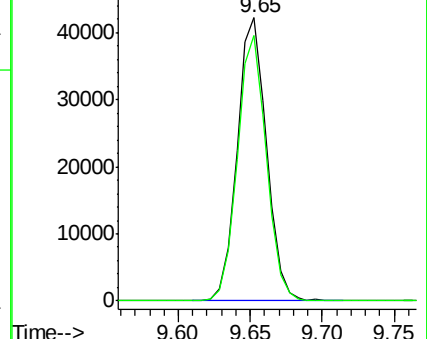
107 100

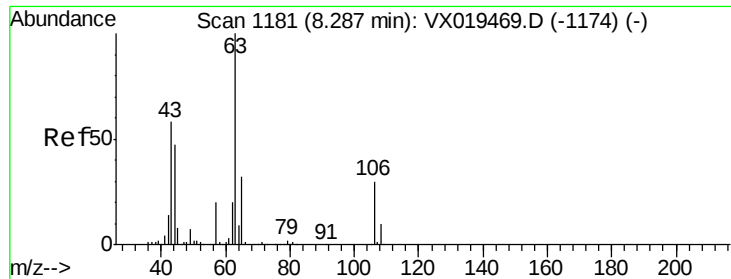
109 92.8 74.2 111.4



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

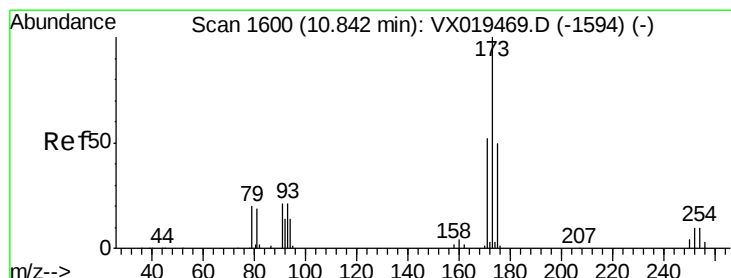
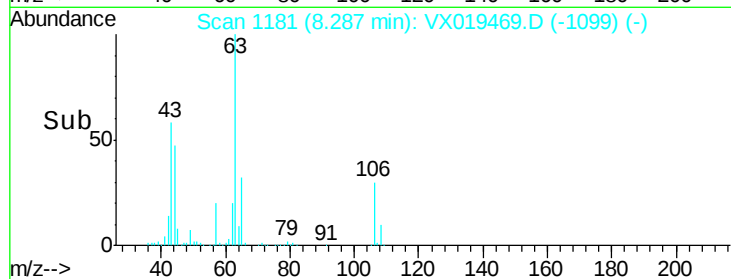
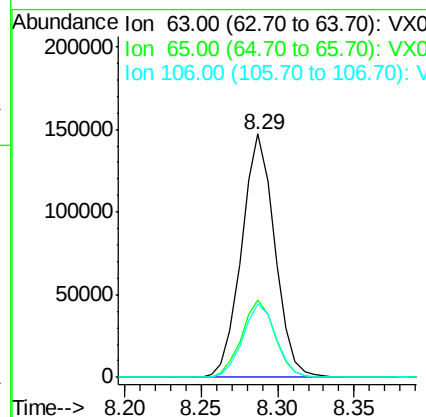
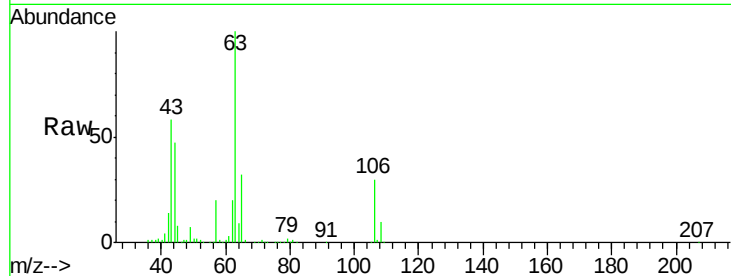




#55
 2-Chloroethyl vinyl ether
 Concen: 106.668 ug/l
 RT: 8.29 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VX019469.D
 Acq: 19 Nov 2020 16:35

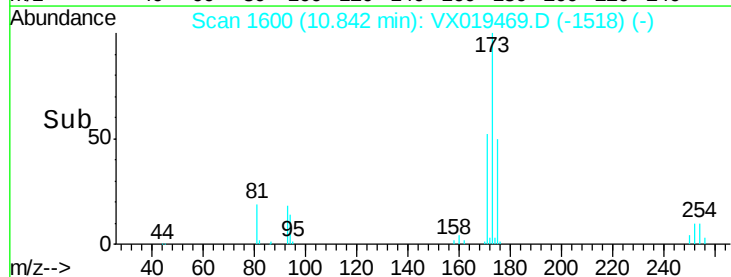
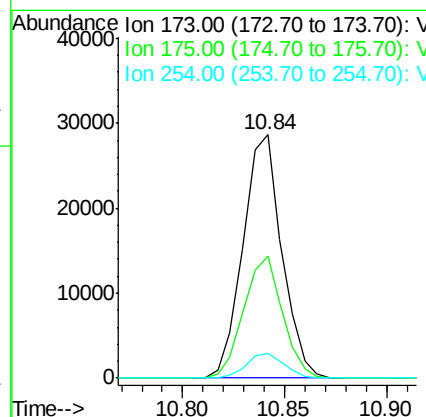
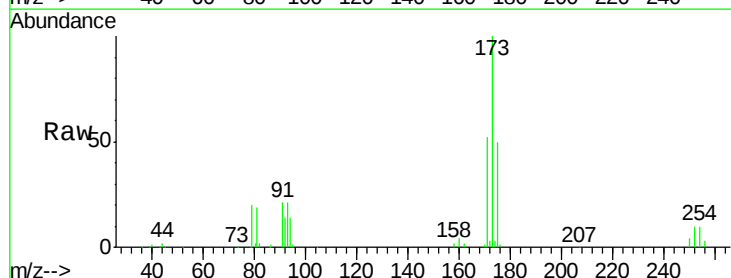
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

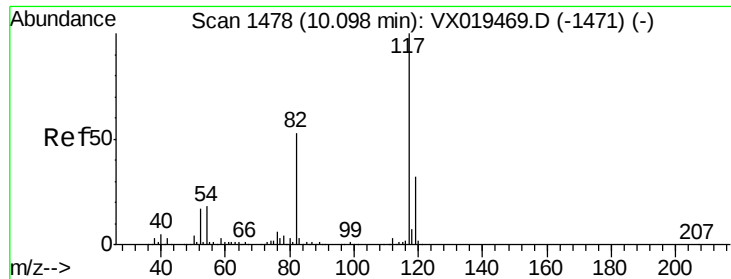
Tgt Ion: 63 Resp: 221940
 Ion Ratio Lower Upper
 63 100
 65 32.1 25.7 38.5
 106 30.3 24.2 36.4



#56
 Bromoform
 Concen: 18.196 ug/l
 RT: 10.84 min Scan# 1600
 Delta R.T. 0.00 min
 Lab File: VX019469.D
 Acq: 19 Nov 2020 16:35

Tgt Ion: 173 Resp: 37921
 Ion Ratio Lower Upper
 173 100
 175 49.6 39.7 59.5
 254 10.0 8.0 12.0

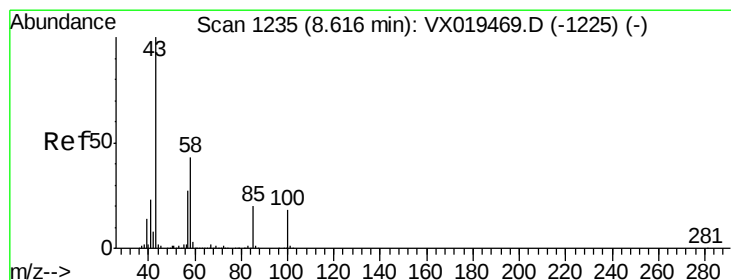
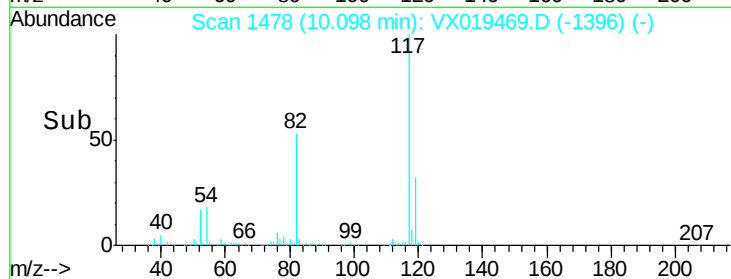
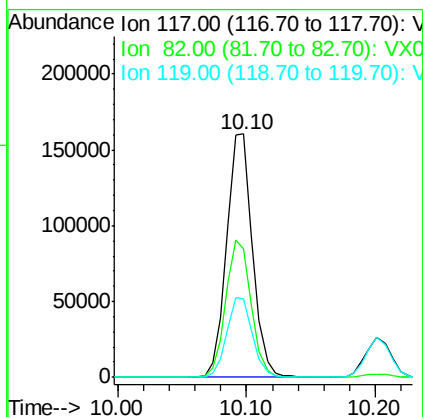
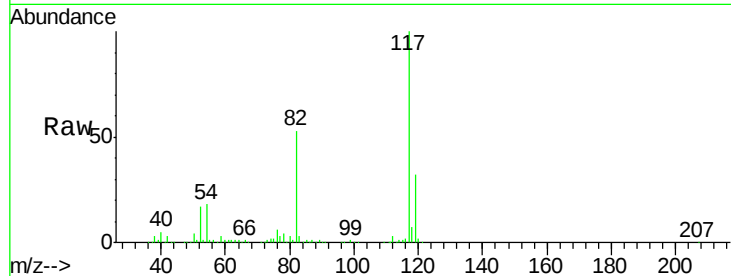




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX019469.D
Acq: 19 Nov 2020 16:35

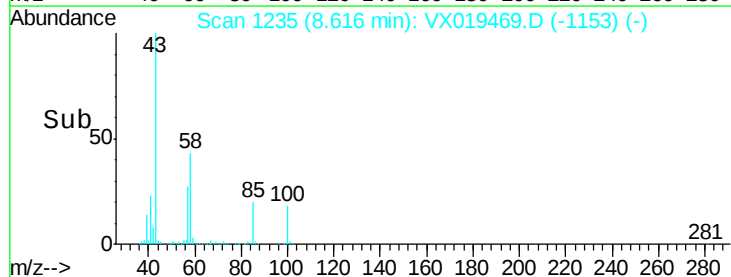
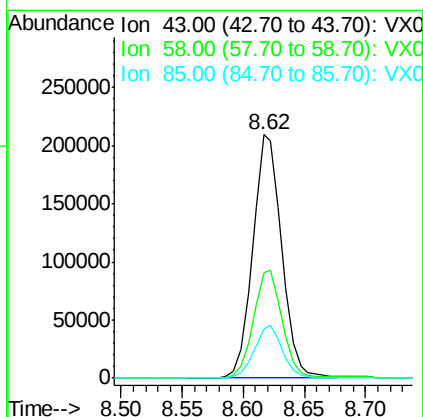
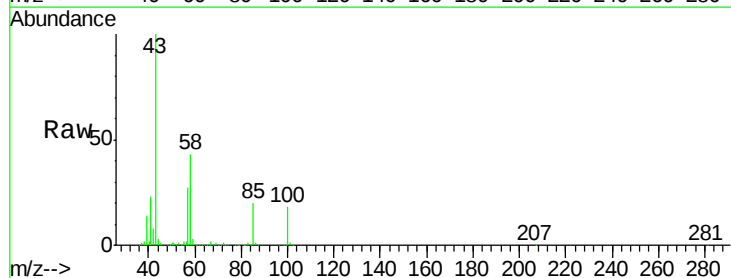
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

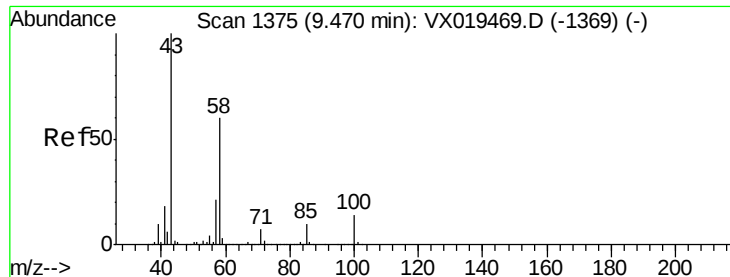
Tgt Ion: 117 Resp: 227444
Ion Ratio Lower Upper
117 100
82 55.6 44.5 66.7
119 32.4 25.9 38.9



#58
4-Methyl-2-Pentanone
Concen: 112.383 ug/l
RT: 8.62 min Scan# 1235
Delta R.T. 0.00 min
Lab File: VX019469.D
Acq: 19 Nov 2020 16:35

Tgt Ion: 43 Resp: 344422
Ion Ratio Lower Upper
43 100
58 43.9 35.1 52.7
85 20.9 16.7 25.1





#59

2-Hexanone

Concen: 115.054 ug/l

RT: 9.47 min Scan# 1375

Delta R.T. 0.00 min

Lab File: VX019469.D

Acq: 19 Nov 2020 16:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

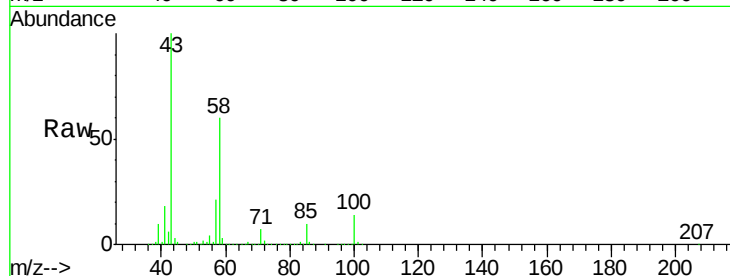
Tgt Ion: 43 Resp: 263784

Ion Ratio Lower Upper

43 100

58 61.3 49.0 73.6

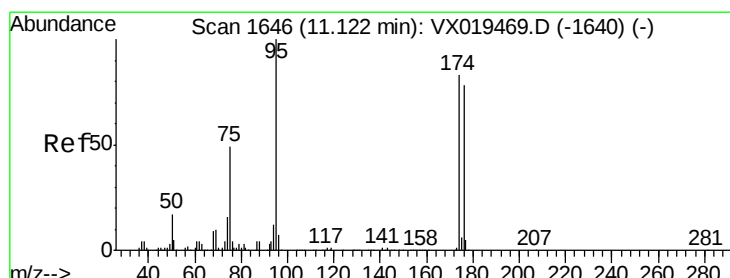
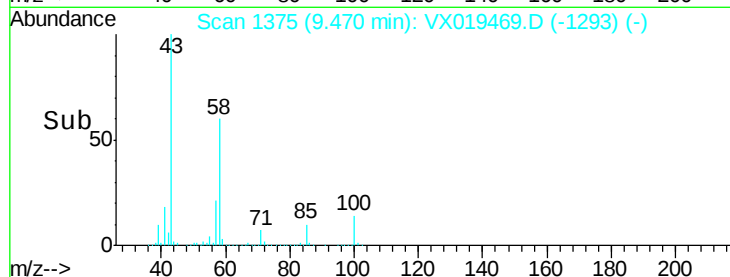
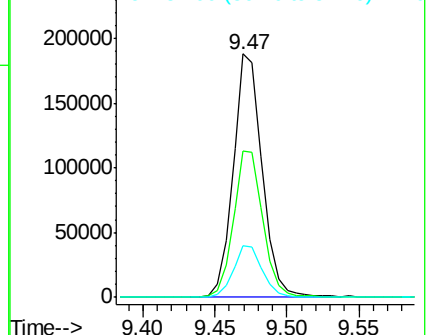
57 21.2 17.0 25.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

Ion 57.00 (56.70 to 57.70): VX0



#60

4-Bromofluorobenzene

Concen: 31.547 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX019469.D

Acq: 19 Nov 2020 16:35

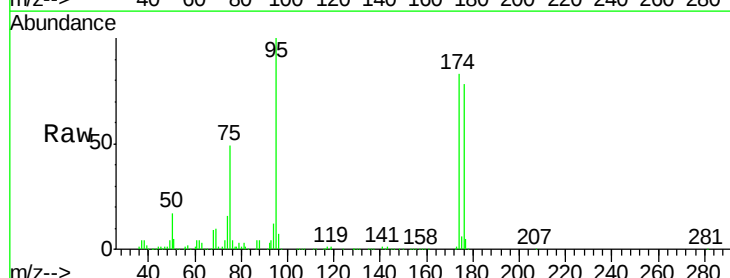
Tgt Ion: 95 Resp: 109573

Ion Ratio Lower Upper

95 100

174 79.4 63.5 95.3

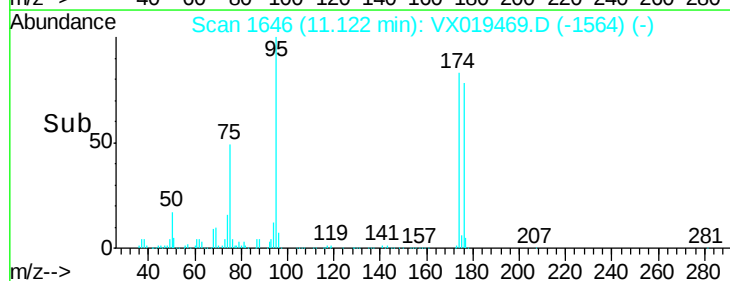
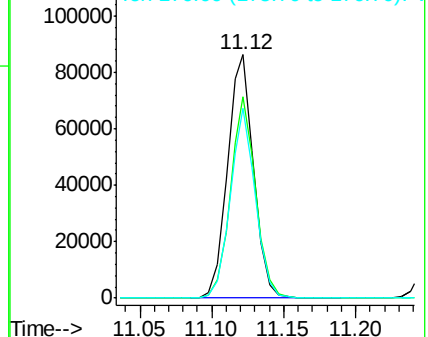
176 74.7 59.8 89.6

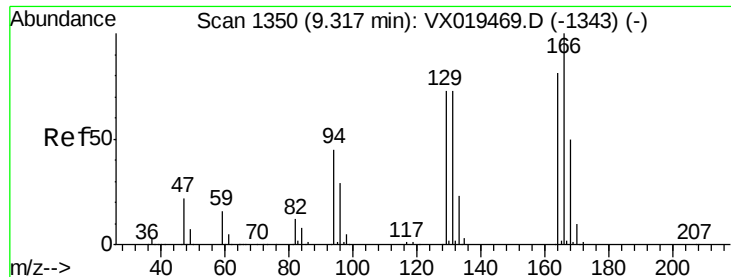


Abundance Ion 95.00 (94.70 to 95.70): VX0

Ion 174.00 (173.70 to 174.70): V

Ion 176.00 (175.70 to 176.70): V





#61

Tetrachloroethene

Concen: 21.033 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. 0.00 min

Lab File: VX019469.D

Acq: 19 Nov 2020 16:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

Tgt Ion:164 Resp: 59673

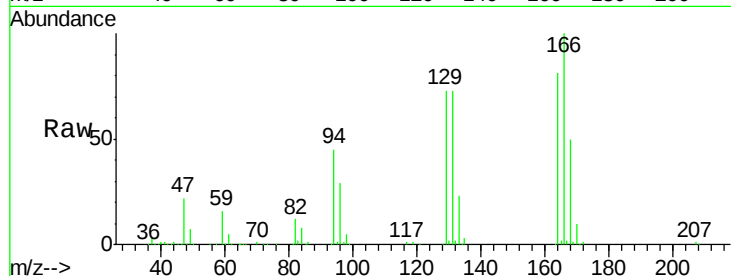
Ion Ratio Lower Upper

164 100

166 124.2 99.4 149.0

129 90.7 72.6 108.8

131 90.7 72.6 108.8

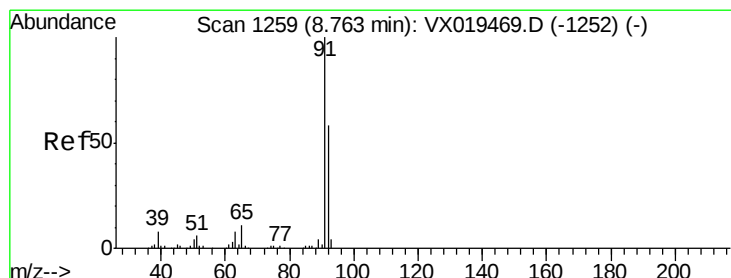
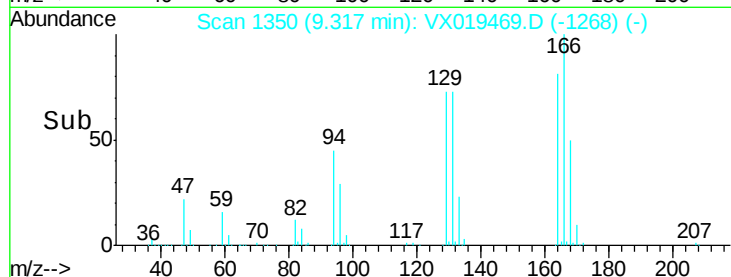
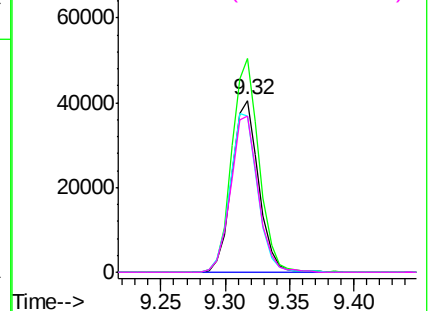


Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#62

Toluene

Concen: 19.425 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. 0.00 min

Lab File: VX019469.D

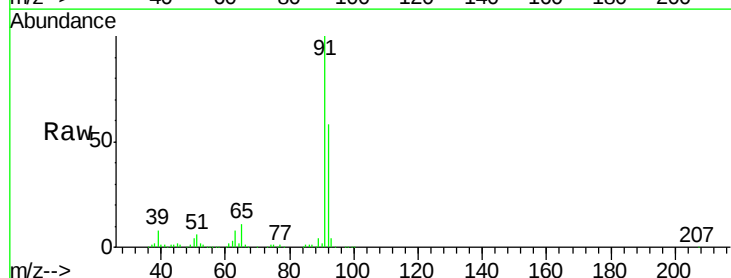
Acq: 19 Nov 2020 16:35

Tgt Ion: 91 Resp: 239999

Ion Ratio Lower Upper

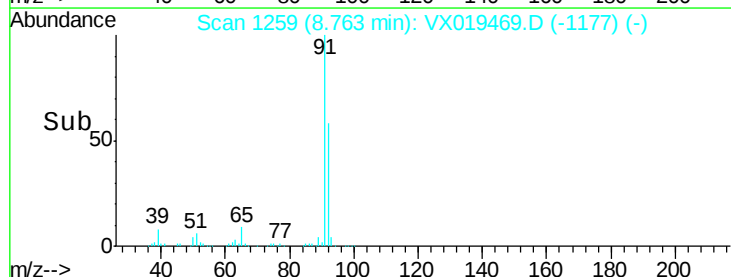
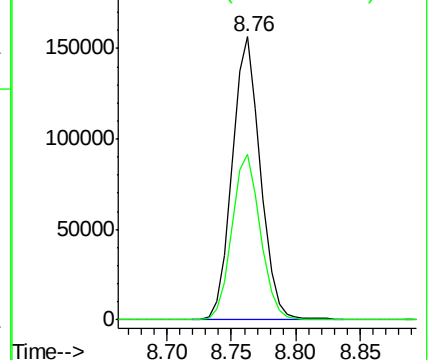
91 100

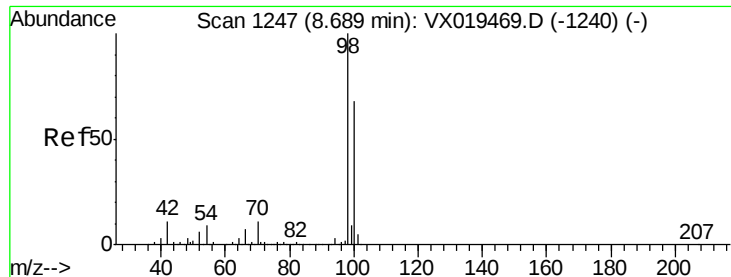
92 59.3 47.4 71.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0





#63

Toluene-d8

Concen: 30.295 ug/l

RT: 8.69 min Scan# 1247

Delta R.T. 0.00 min

Lab File: VX019469.D

Acq: 19 Nov 2020 16:35

Instrument :

MSVOA_X

ClientSampleId :

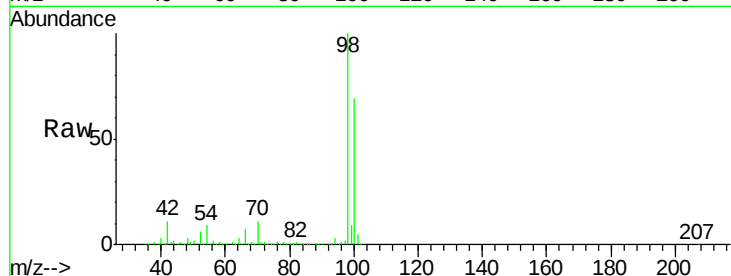
VSTDICCC020

Tgt Ion: 98 Resp: 304228

Ion Ratio Lower Upper

98 100

100 67.0 53.6 80.4



Abundance Ion 98.00 (97.70 to 98.70): VX019469.D (-1240) (-)

Ion 100.00 (99.70 to 100.70): VX019469.D (-1240) (-)

8.69

200000

150000

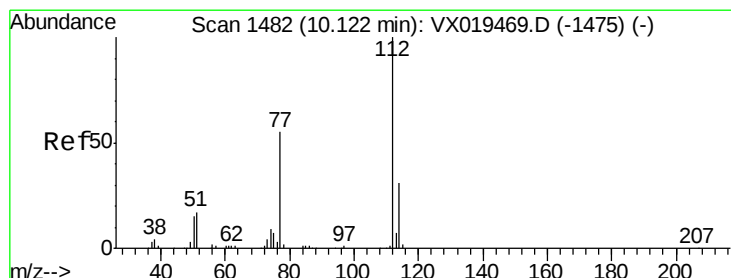
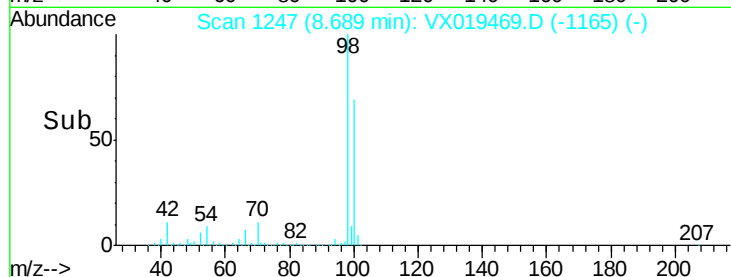
100000

50000

0

8.60 8.65 8.70 8.75 8.80

Time-->



#64

Chlorobenzene

Concen: 19.282 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. 0.00 min

Lab File: VX019469.D

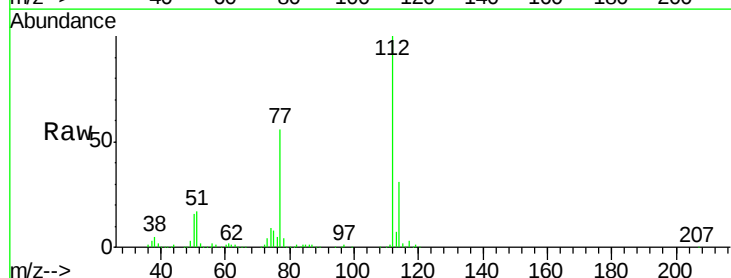
Acq: 19 Nov 2020 16:35

Tgt Ion: 112 Resp: 148399

Ion Ratio Lower Upper

112 100

114 31.0 24.8 37.2



Abundance Ion 112.00 (111.70 to 112.70): VX019469.D (-1475) (-)

Ion 114.00 (113.70 to 114.70): VX019469.D (-1475) (-)

10.12

120000

100000

80000

60000

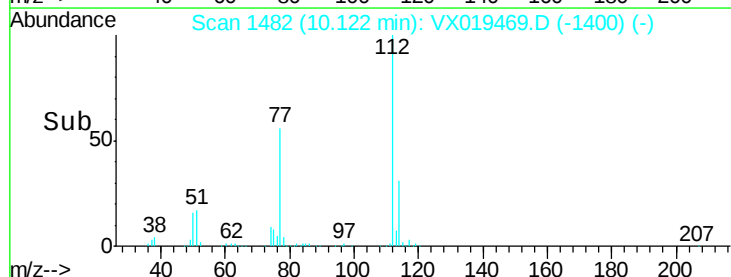
40000

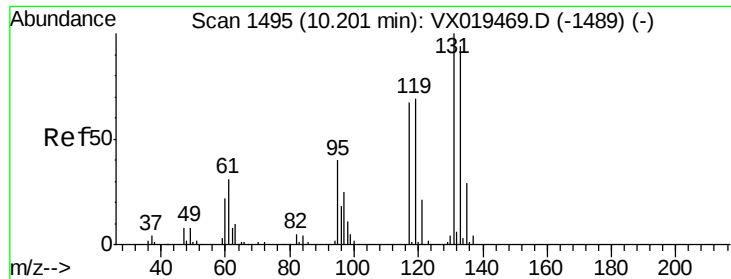
20000

0

10.10 10.12 10.14 10.16 10.18 10.20

Time-->

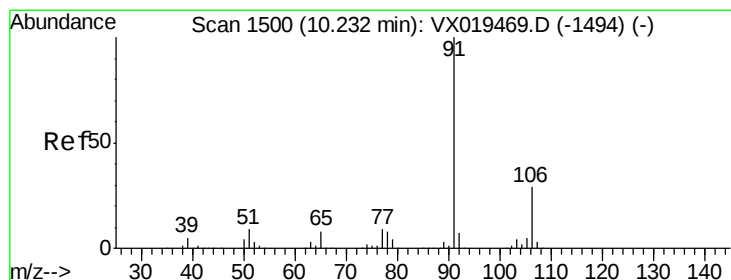
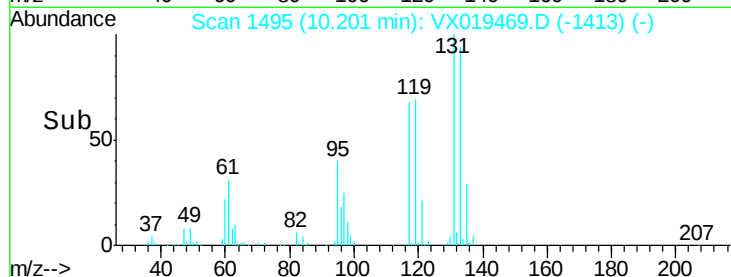
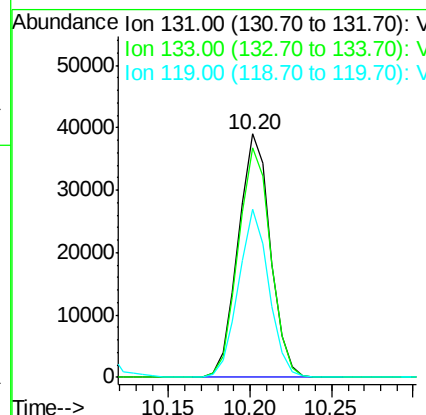
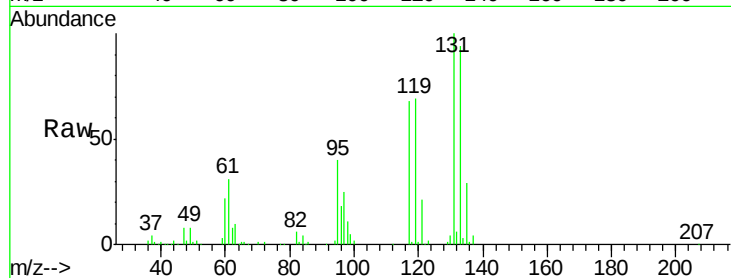




#65
 1,1,1,2-Tetrachloroethane
 Concen: 19.206 ug/l
 RT: 10.20 min Scan# 1495
 Delta R.T. 0.00 min
 Lab File: VX019469.D
 Acq: 19 Nov 2020 16:35

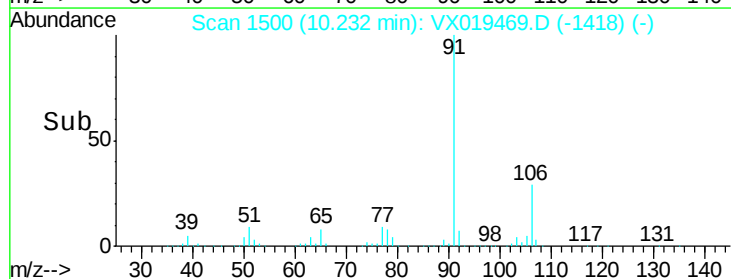
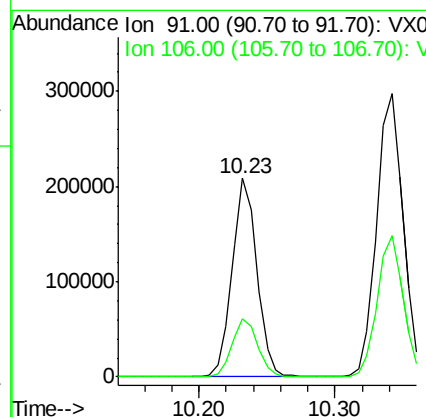
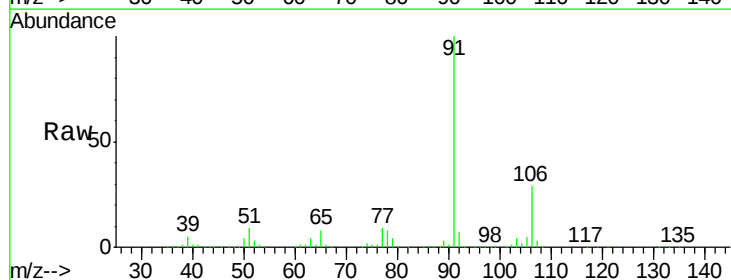
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

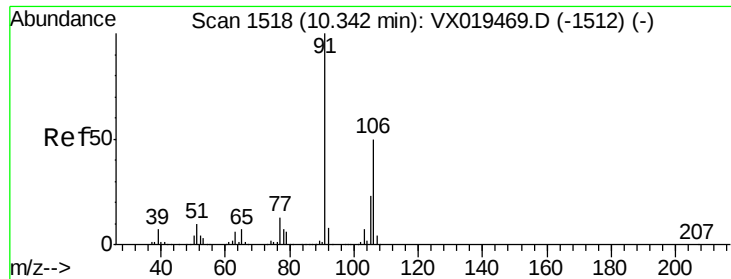
Tgt Ion:131 Resp: 53798
 Ion Ratio Lower Upper
 131 100
 133 94.7 0.0 189.4
 119 65.2 0.0 130.4



#66
 Ethyl Benzene
 Concen: 19.509 ug/l
 RT: 10.23 min Scan# 1500
 Delta R.T. 0.00 min
 Lab File: VX019469.D
 Acq: 19 Nov 2020 16:35

Tgt Ion: 91 Resp: 264877
 Ion Ratio Lower Upper
 91 100
 106 29.4 23.5 35.3

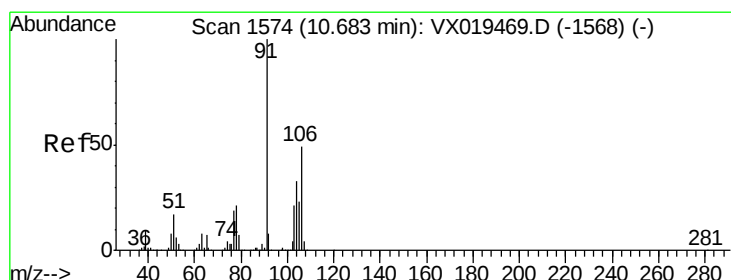
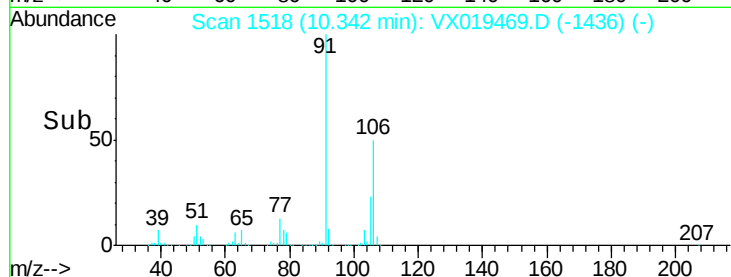
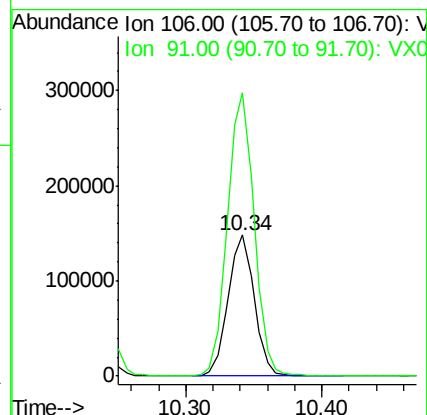
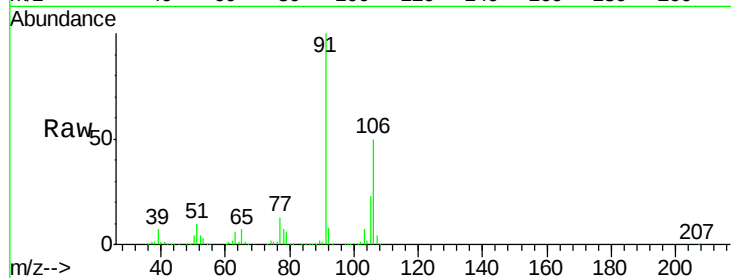




#67
m/p-Xylenes
Concen: 38.466 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VX019469.D
Acq: 19 Nov 2020 16:35

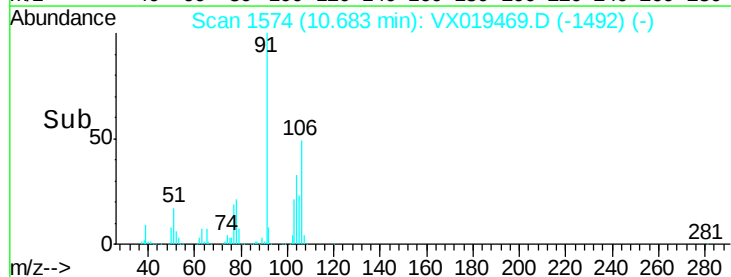
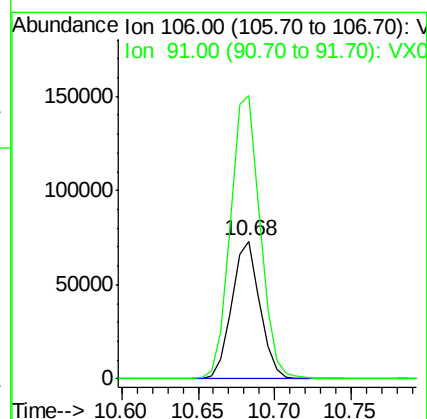
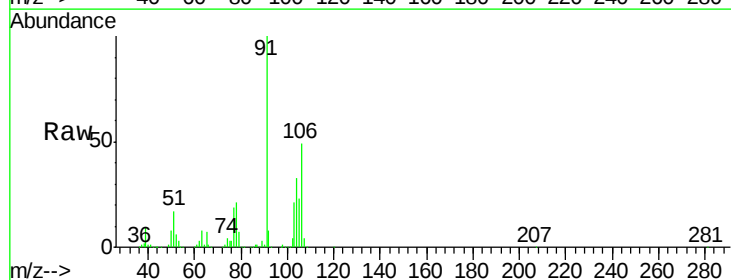
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

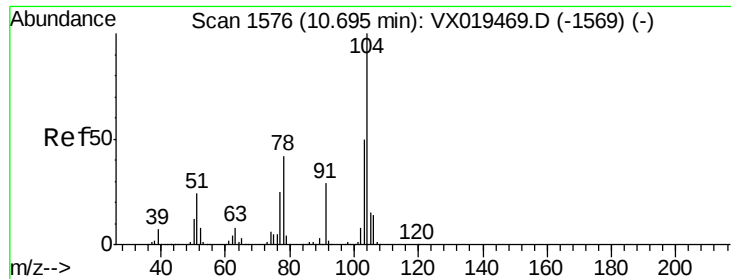
Tgt Ion:106 Resp: 198834
Ion Ratio Lower Upper
106 100
91 203.4 162.7 244.1



#68
o-Xylene
Concen: 18.942 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX019469.D
Acq: 19 Nov 2020 16:35

Tgt Ion:106 Resp: 93376
Ion Ratio Lower Upper
106 100
91 216.6 108.3 324.9





#69

Styrene

Concen: 18.993 ug/l

RT: 10.70 min Scan# 1576

Delta R.T. 0.00 min

Lab File: VX019469.D

Acq: 19 Nov 2020 16:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

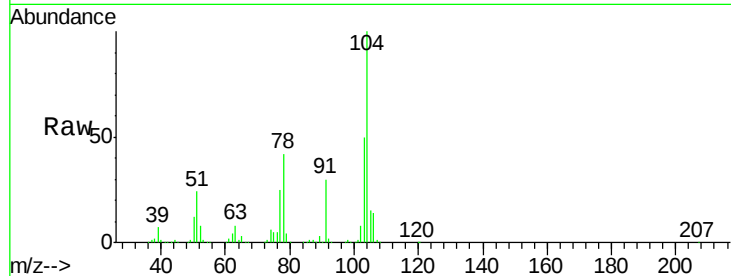
Tgt Ion:104 Resp: 158245

Ion Ratio Lower Upper

104 100

78 49.0 39.2 58.8

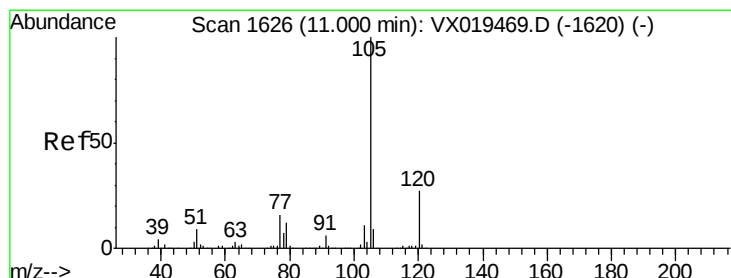
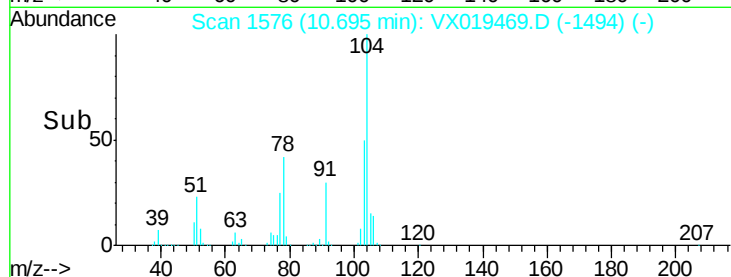
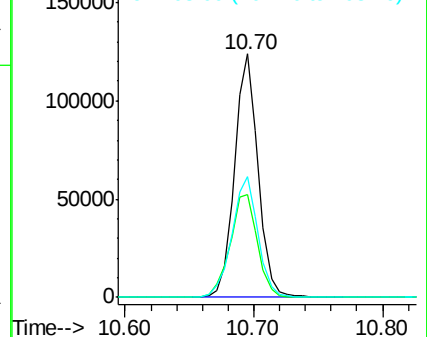
103 54.8 43.8 65.8



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VX0

Ion 103.00 (102.70 to 103.70): V



#70

Isopropylbenzene

Concen: 19.322 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX019469.D

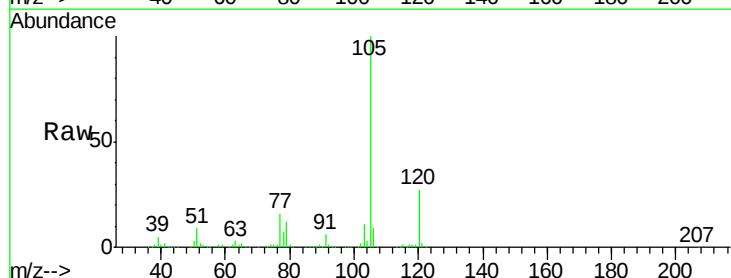
Acq: 19 Nov 2020 16:35

Tgt Ion:105 Resp: 257226

Ion Ratio Lower Upper

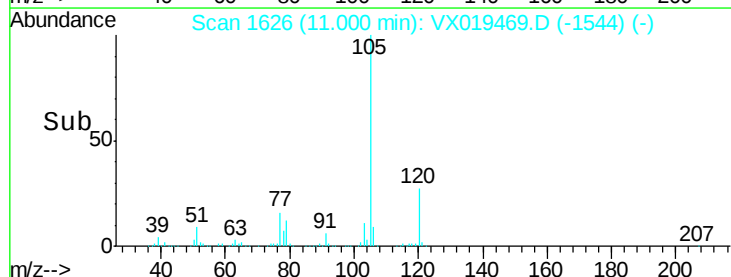
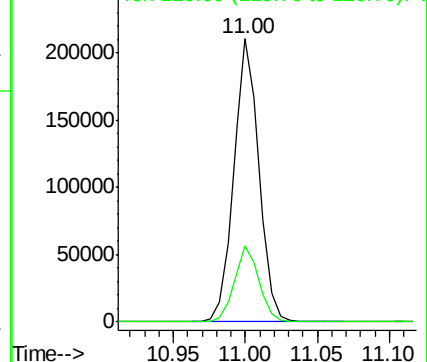
105 100

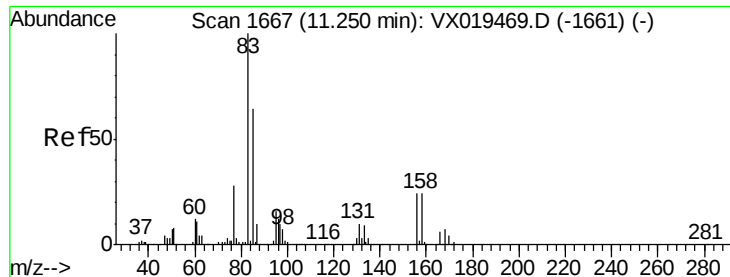
120 26.4 18.5 34.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

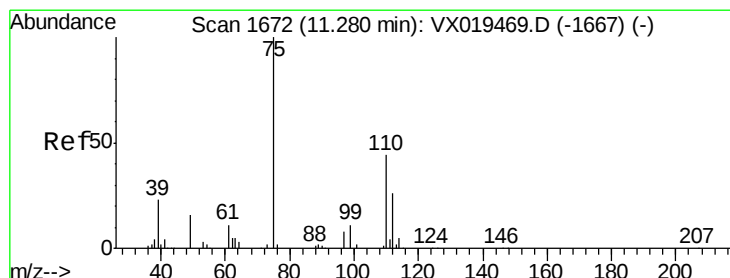
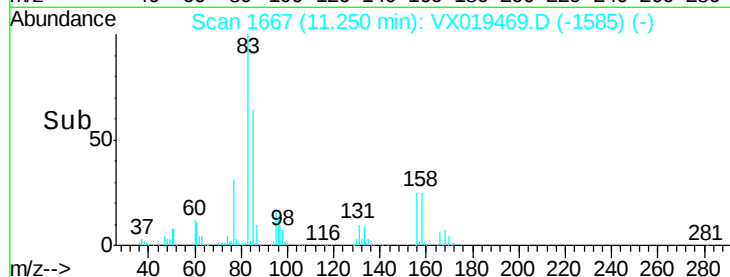
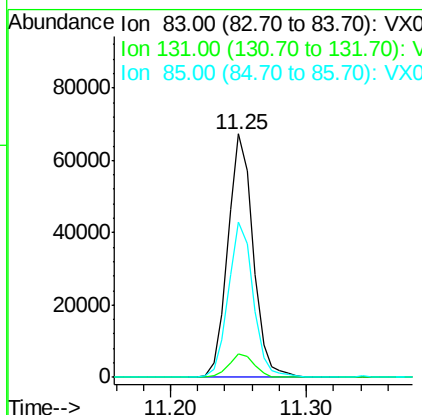
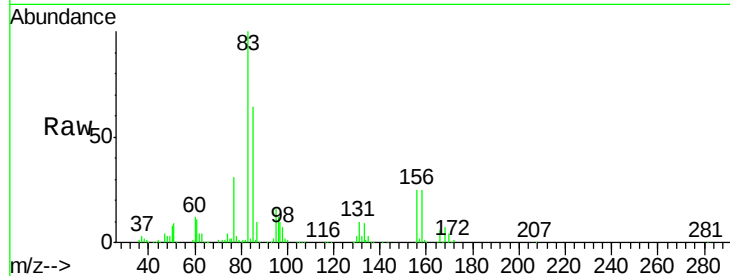




#71
 1,1,2,2-Tetrachloroethane
 Concen: 21.965 ug/l
 RT: 11.25 min Scan# 1667
 Delta R.T. 0.00 min
 Lab File: VX019469.D
 Acq: 19 Nov 2020 16:35

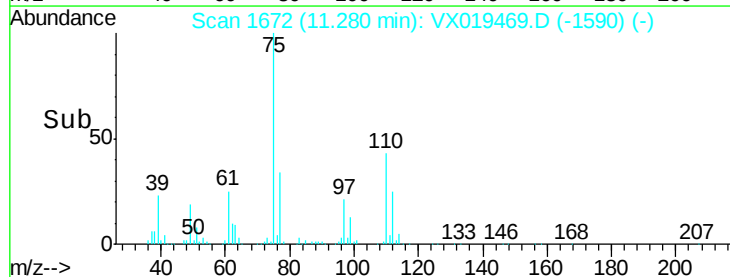
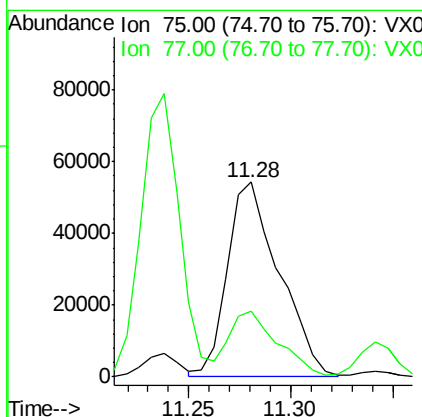
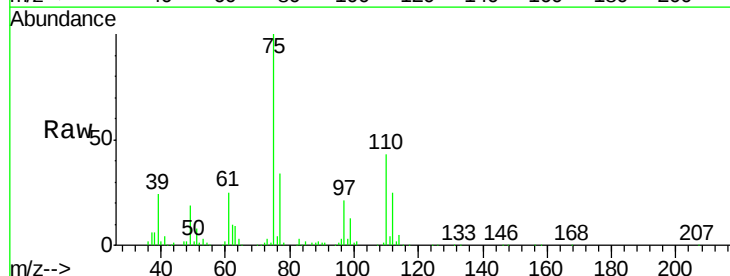
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

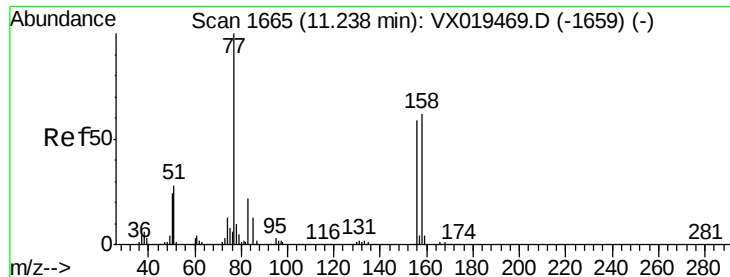
Tgt Ion: 83 Resp: 86852
 Ion Ratio Lower Upper
 83 100
 131 9.8 4.9 14.7
 85 63.2 31.6 94.8



#72
 1,2,3-Trichloropropane
 Concen: 27.064 ug/l
 RT: 11.28 min Scan# 1672
 Delta R.T. 0.00 min
 Lab File: VX019469.D
 Acq: 19 Nov 2020 16:35

Tgt Ion: 75 Resp: 95763
 Ion Ratio Lower Upper
 75 100
 77 32.0 0.0 78.4





#73

Bromobenzene

Concen: 19.408 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX019469.D

Acq: 19 Nov 2020 16:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

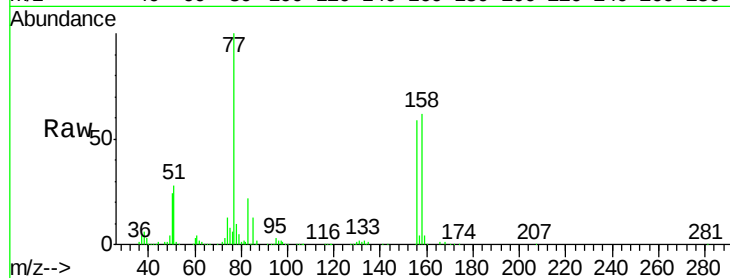
Tgt Ion:156 Resp: 63223

Ion Ratio Lower Upper

156 100

77 164.5 0.0 329.0

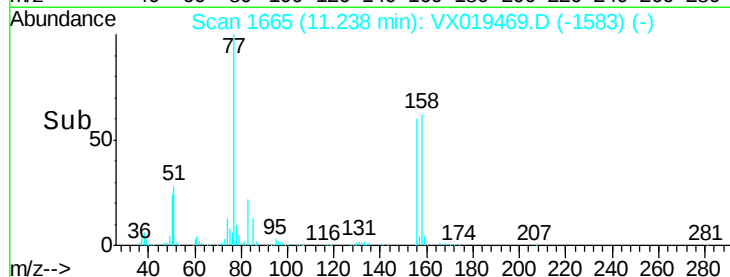
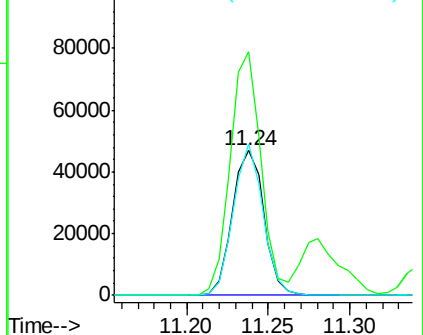
158 98.5 0.0 197.0



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 158.00 (157.70 to 158.70): V



#74

n-propylbenzene

Concen: 19.608 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. 0.00 min

Lab File: VX019469.D

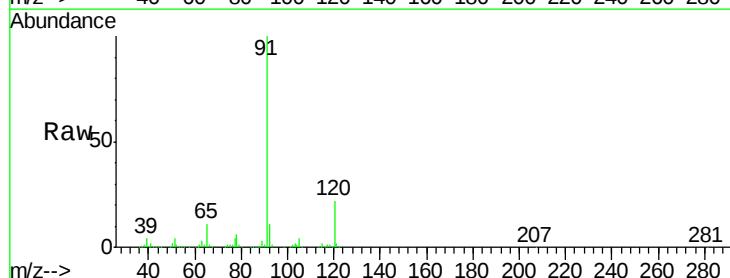
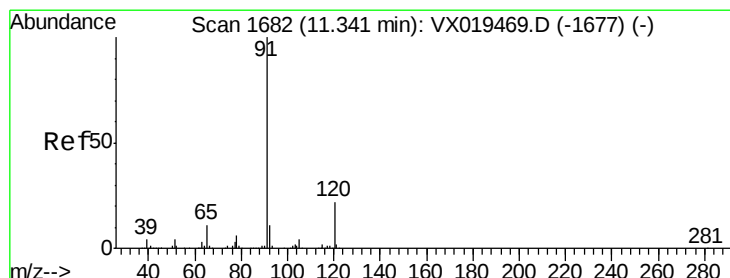
Acq: 19 Nov 2020 16:35

Tgt Ion: 91 Resp: 295713

Ion Ratio Lower Upper

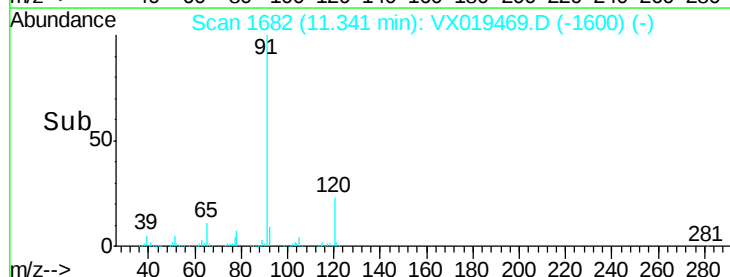
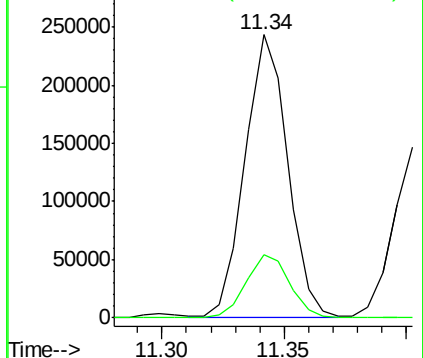
91 100

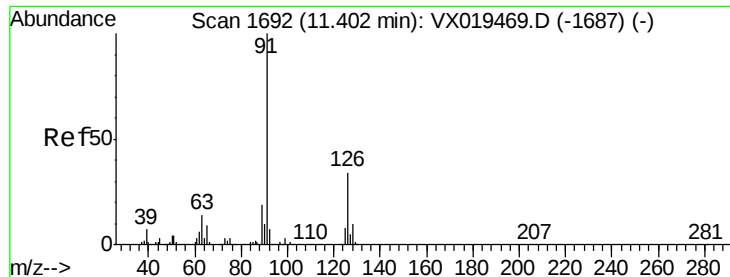
120 22.8 0.0 45.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 20.754 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. 0.00 min

Lab File: VX019469.D

Acq: 19 Nov 2020 16:35

Instrument :

MSVOA_X

ClientSampled :

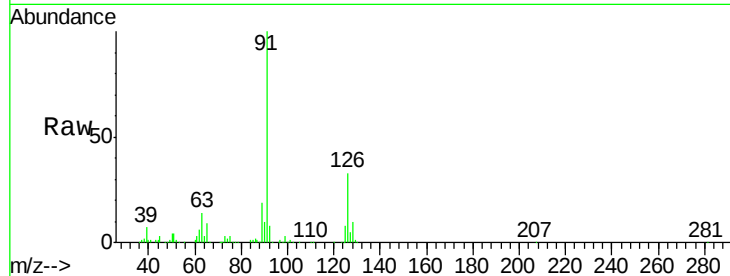
VSTDICCC020

Tgt Ion: 91 Resp: 179978

Ion Ratio Lower Upper

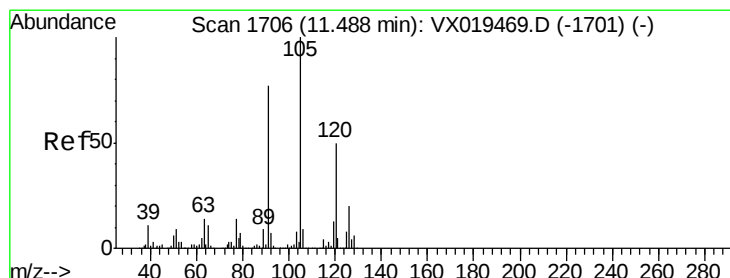
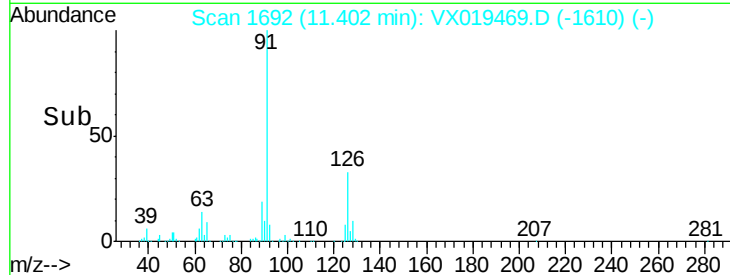
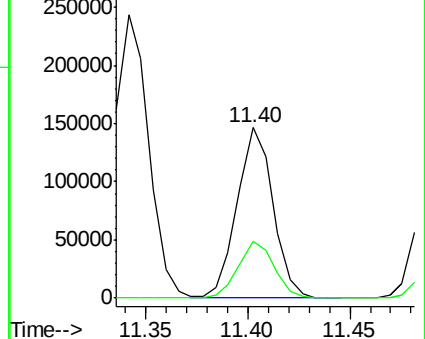
91 100

126 33.2 0.0 66.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 126.00 (125.70 to 126.70): V



#76

1,3,5-Trimethylbenzene

Concen: 19.692 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. 0.00 min

Lab File: VX019469.D

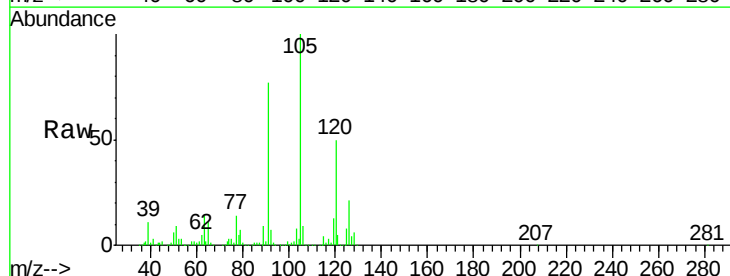
Acq: 19 Nov 2020 16:35

Tgt Ion: 105 Resp: 213923

Ion Ratio Lower Upper

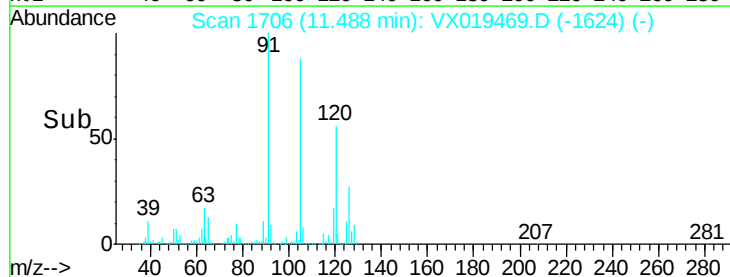
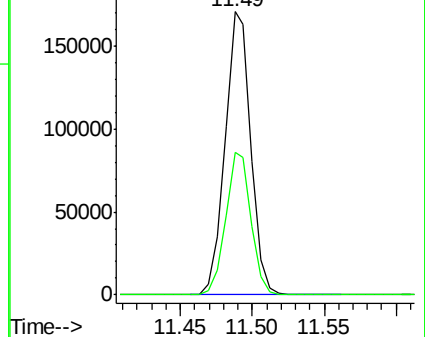
105 100

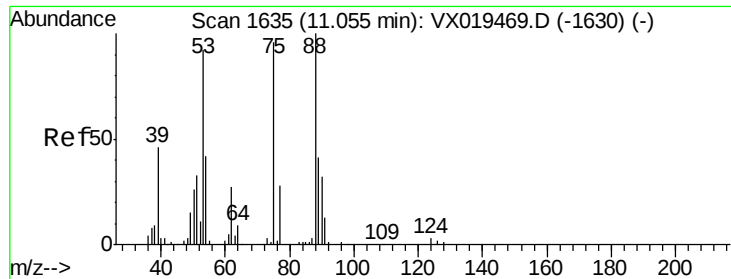
120 49.7 0.0 99.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#77

t-1,4-Dichloro-2-butene

Concen: 17.927 ug/l

RT: 11.05 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX019469.D

Acq: 19 Nov 2020 16:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

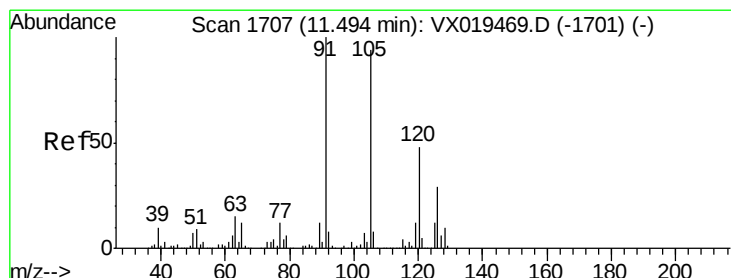
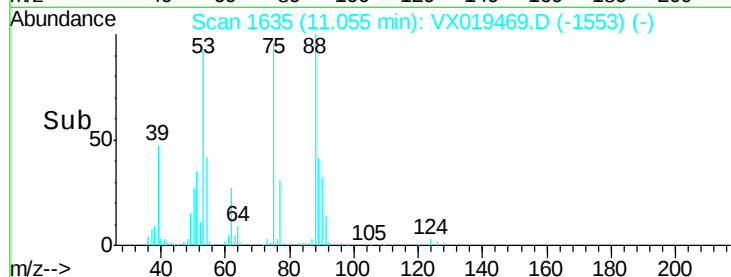
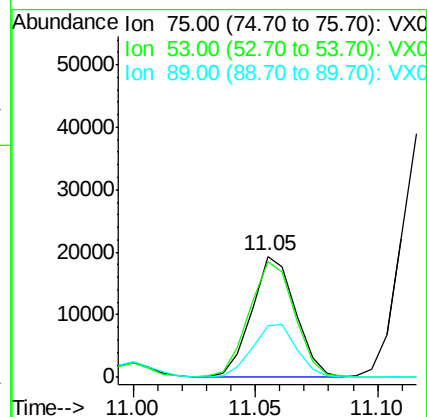
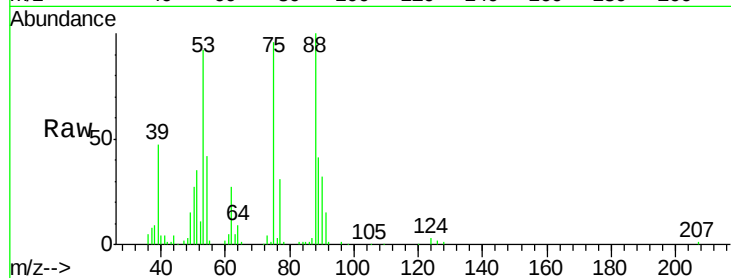
Tgt Ion: 75 Resp: 24271

Ion Ratio Lower Upper

75 100

53 95.7 47.9 143.6

89 42.8 21.4 64.2



#78

4-Chlorotoluene

Concen: 20.475 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX019469.D

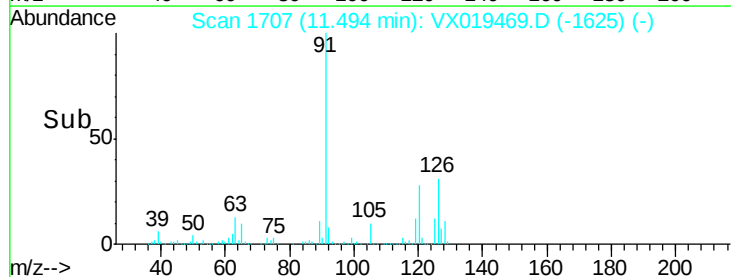
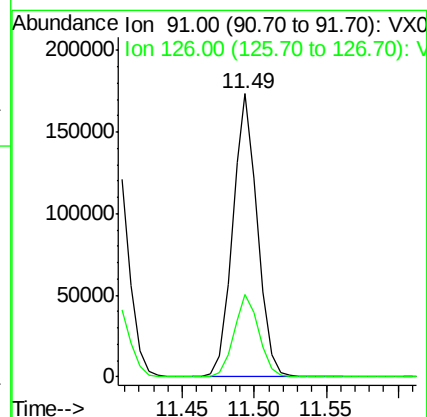
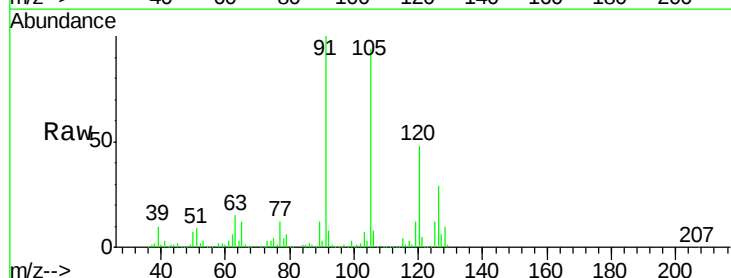
Acq: 19 Nov 2020 16:35

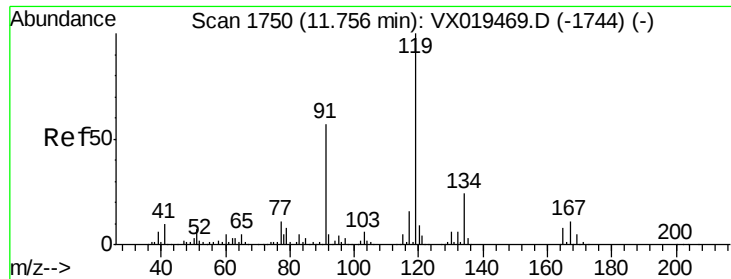
Tgt Ion: 91 Resp: 207924

Ion Ratio Lower Upper

91 100

126 29.3 0.0 58.6

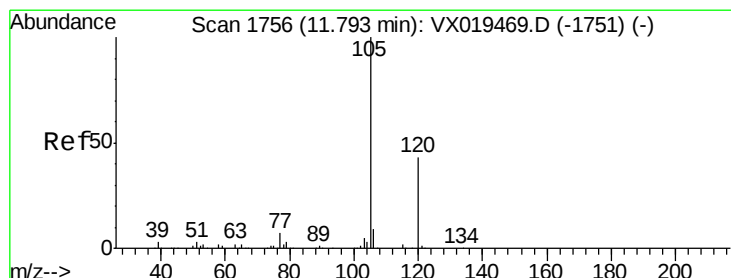
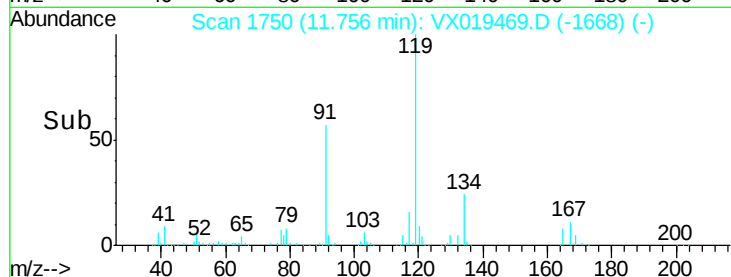
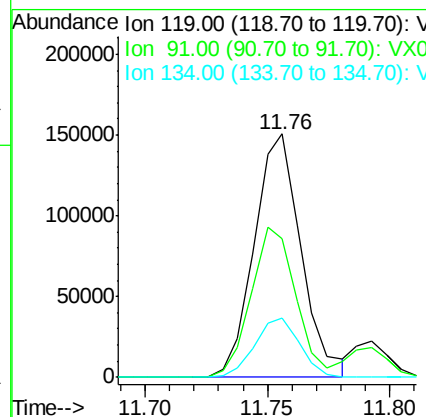
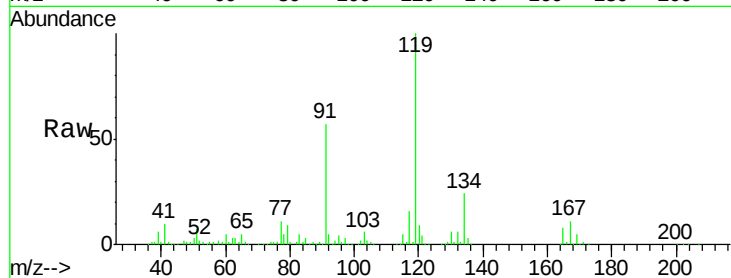




#79
tert-butylbenzene
Concen: 19.062 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. 0.00 min
Lab File: VX019469.D
Acq: 19 Nov 2020 16:35

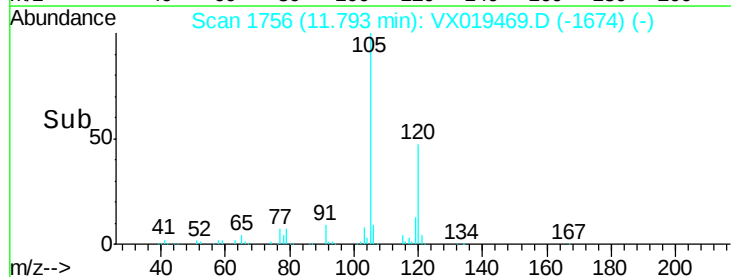
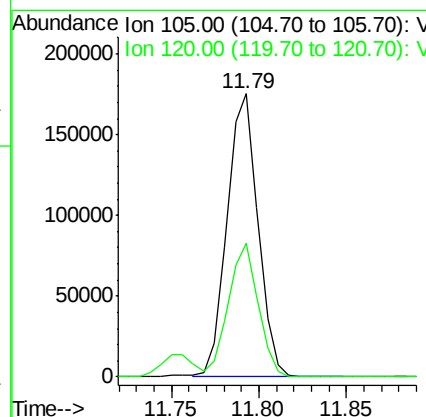
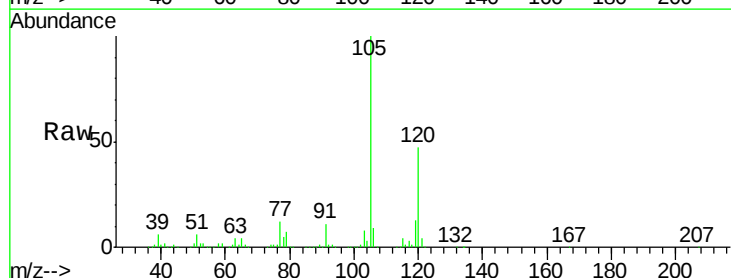
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

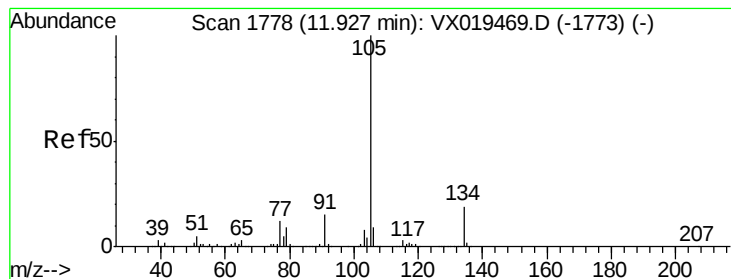
Tgt Ion:119 Resp: 202173
Ion Ratio Lower Upper
119 100
91 58.5 0.0 117.0
134 23.6 0.0 47.2



#80
1,2,4-Trimethylbenzene
Concen: 19.944 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. 0.00 min
Lab File: VX019469.D
Acq: 19 Nov 2020 16:35

Tgt Ion:105 Resp: 215362
Ion Ratio Lower Upper
105 100
120 45.6 0.0 91.2





#81

sec-Butylbenzene

Concen: 19.769 ug/l

RT: 11.93 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX019469.D

Acq: 19 Nov 2020 16:35

Instrument :

MSVOA_X

ClientSampleId :

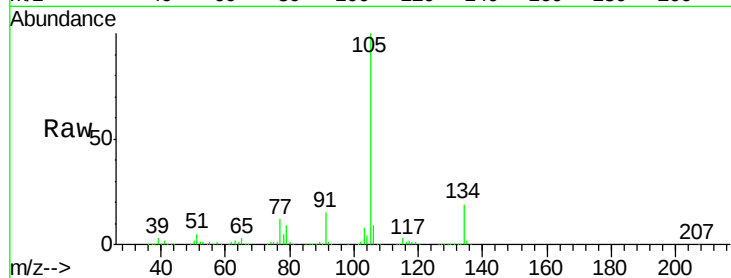
VSTDICCC020

Tgt Ion:105 Resp: 249922

Ion Ratio Lower Upper

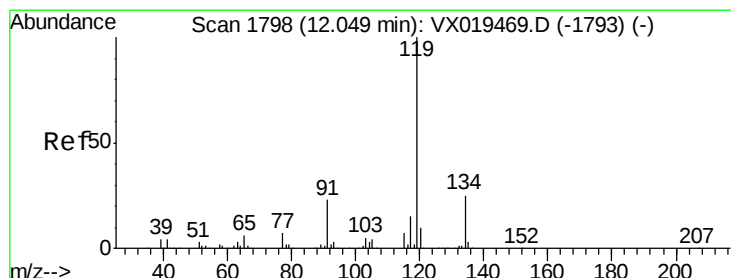
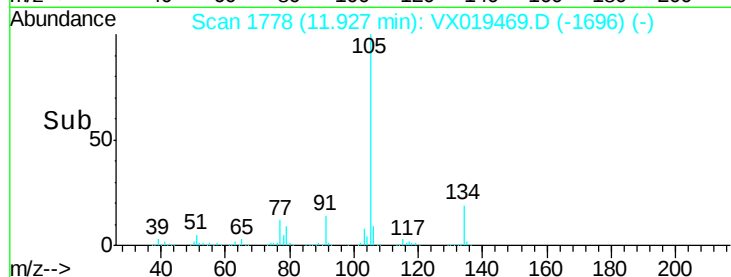
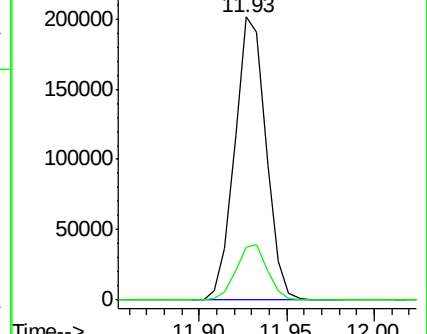
105 100

134 19.6 0.0 39.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#82

p-Isopropyltoluene

Concen: 19.209 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. 0.00 min

Lab File: VX019469.D

Acq: 19 Nov 2020 16:35

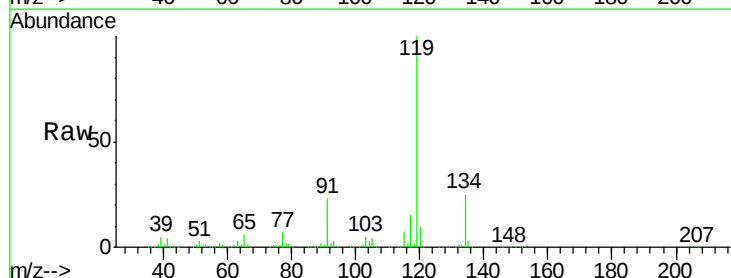
Tgt Ion:119 Resp: 222842

Ion Ratio Lower Upper

119 100

134 25.9 0.0 51.8

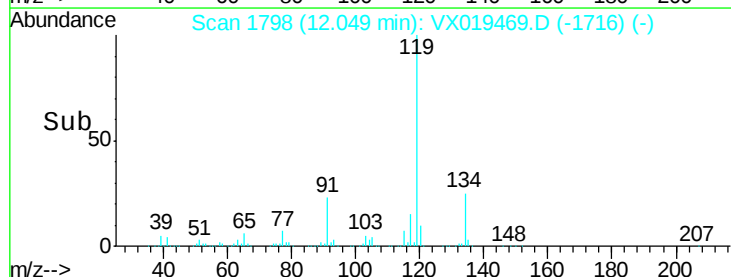
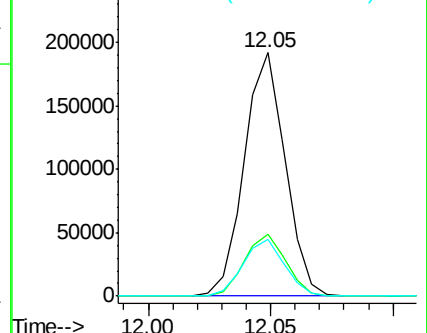
91 23.8 0.0 47.6

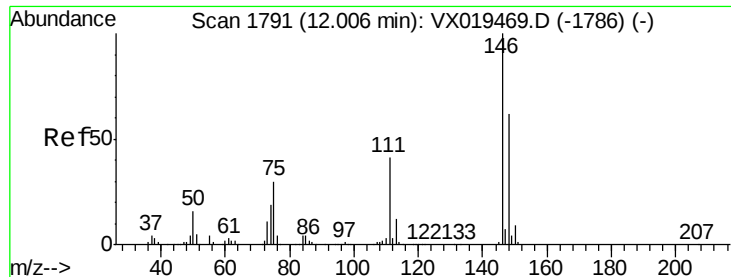


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

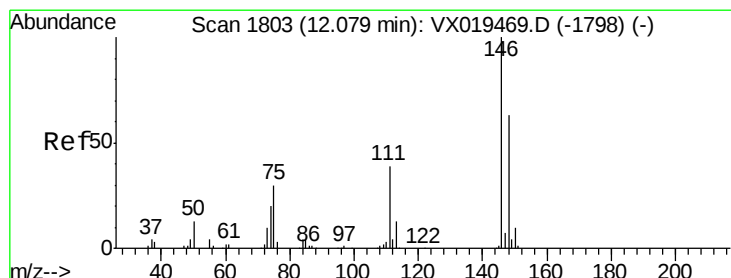
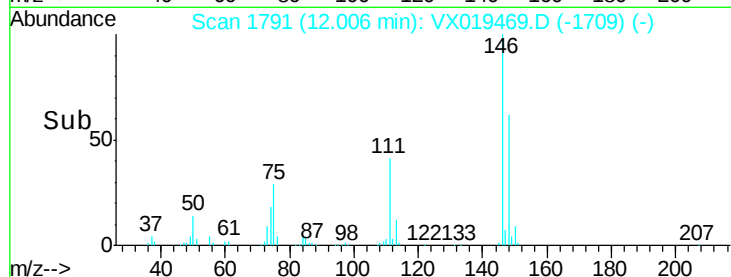
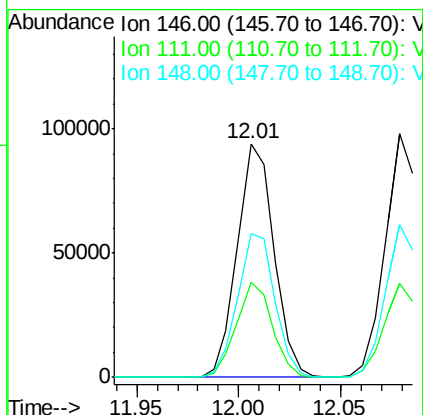
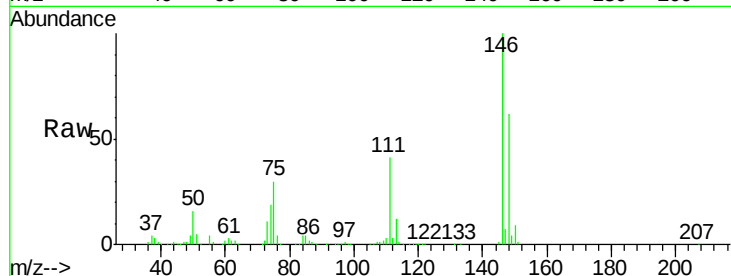




#83
 1,3-Dichlorobenzene
 Concen: 20.082 ug/l
 RT: 12.01 min Scan# 1791
 Delta R.T. 0.00 min
 Lab File: VX019469.D
 Acq: 19 Nov 2020 16:35

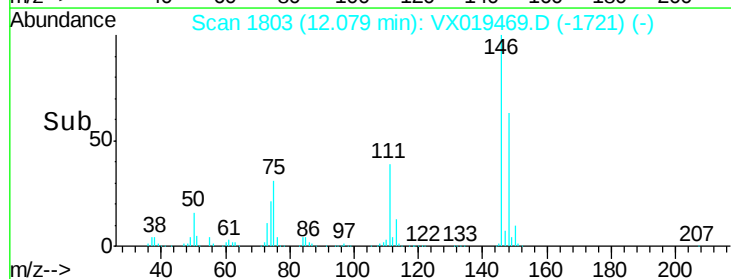
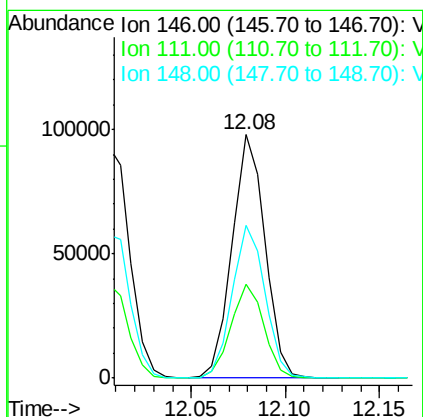
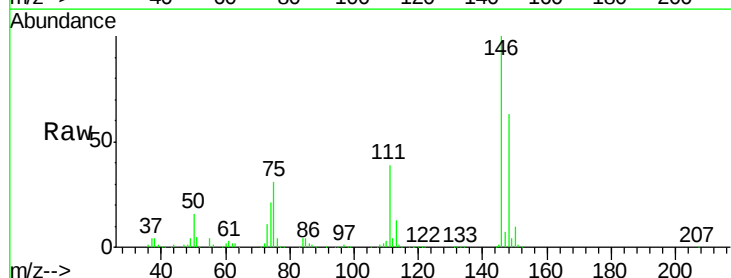
Instrument :
 MSVOA_X
 ClientSampled :
 VSTDICCC020

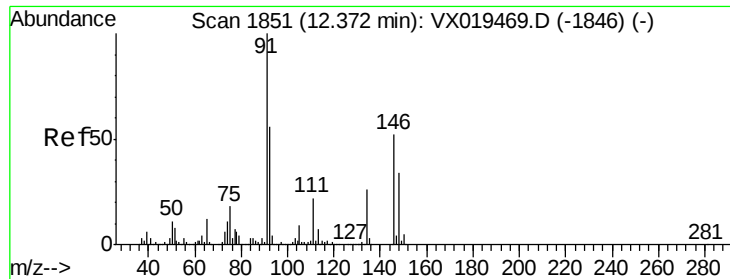
Tgt Ion:146 Resp: 117921
 Ion Ratio Lower Upper
 146 100
 111 40.0 20.0 60.0
 148 62.7 31.4 94.0



#84
 1,4-Dichlorobenzene
 Concen: 19.967 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VX019469.D
 Acq: 19 Nov 2020 16:35

Tgt Ion:146 Resp: 118983
 Ion Ratio Lower Upper
 146 100
 111 38.6 19.3 57.9
 148 62.8 31.4 94.2

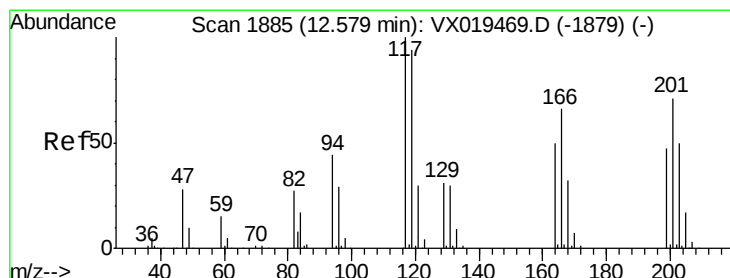
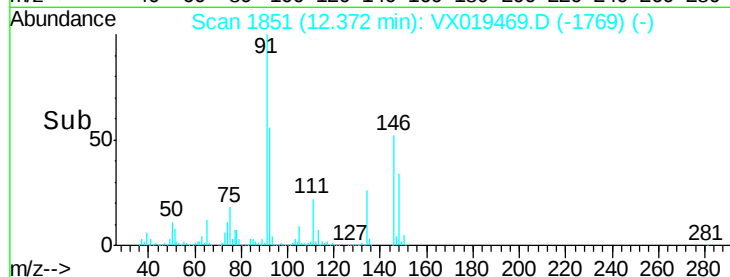
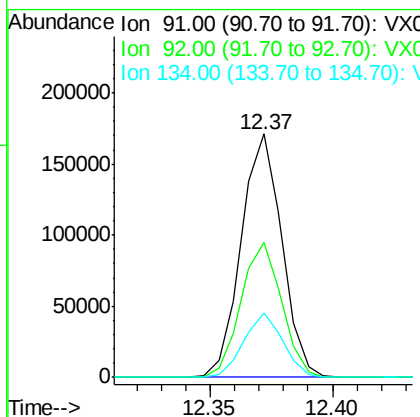
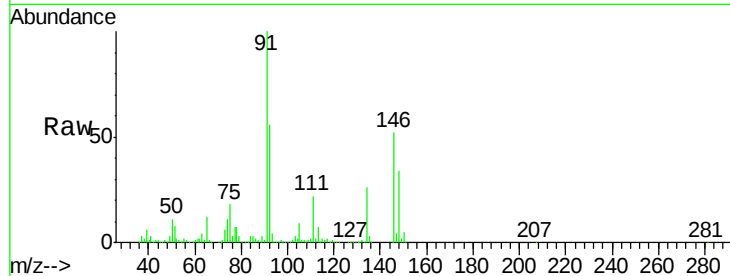




#85
n-Butylbenzene
Concen: 18.999 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX019469.D
Acq: 19 Nov 2020 16:35

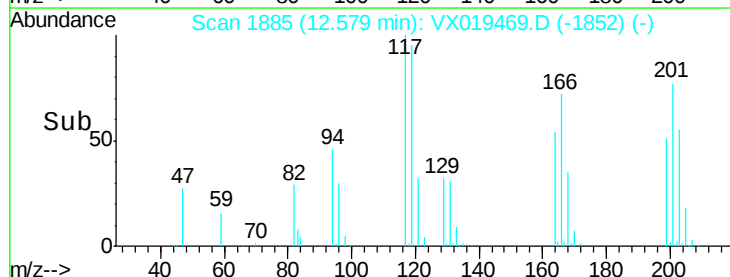
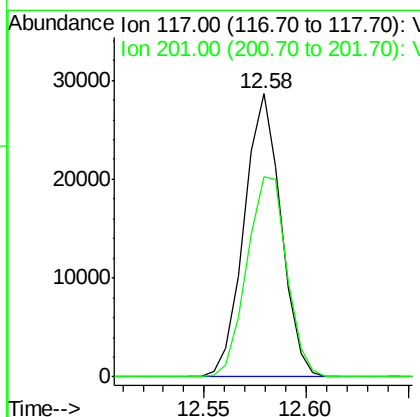
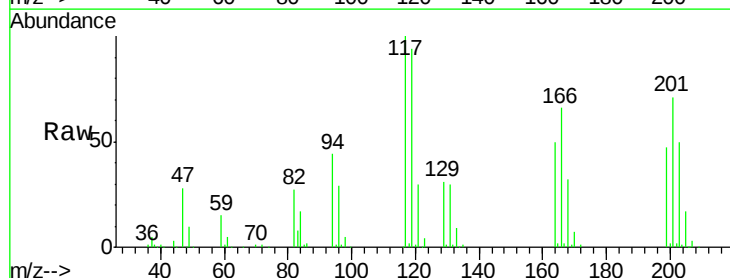
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

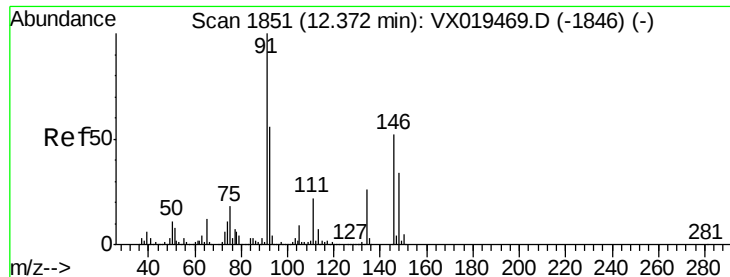
Tgt Ion: 91 Resp: 196946
Ion Ratio Lower Upper
91 100
92 55.6 0.0 111.2
134 25.6 0.0 51.2



#86
Hexachloroethane
Concen: 19.825 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX019469.D
Acq: 19 Nov 2020 16:35

Tgt Ion: 117 Resp: 35972
Ion Ratio Lower Upper
117 100
201 76.7 38.4 115.1

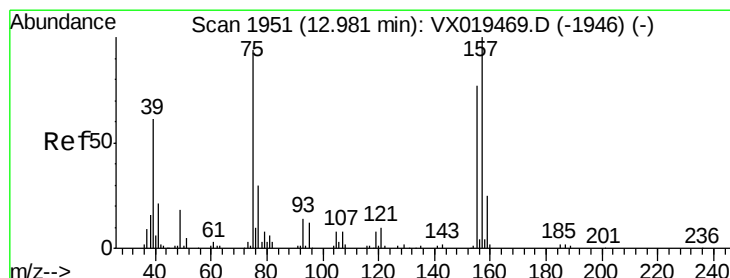
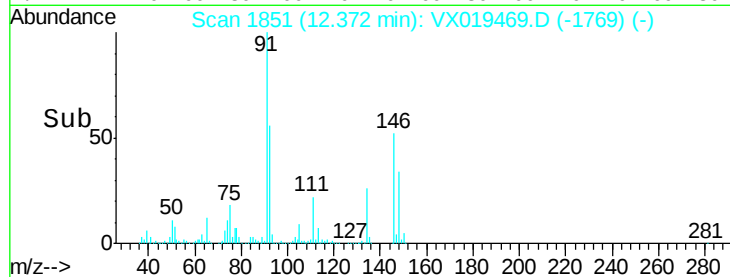
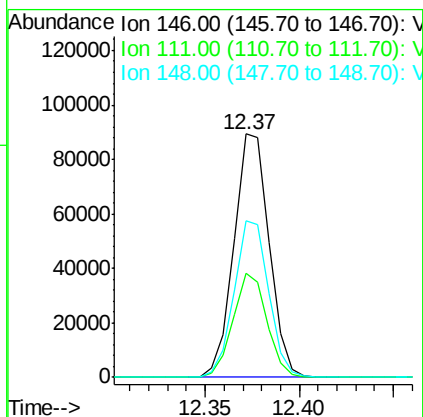
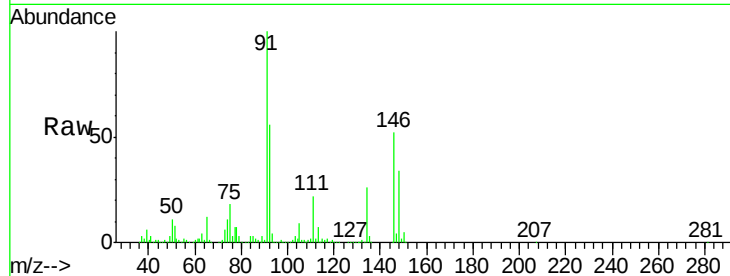




#87
 1,2-Dichlorobenzene
 Concen: 20.540 ug/l
 RT: 12.37 min Scan# 1851
 Delta R.T. 0.00 min
 Lab File: VX019469.D
 Acq: 19 Nov 2020 16:35

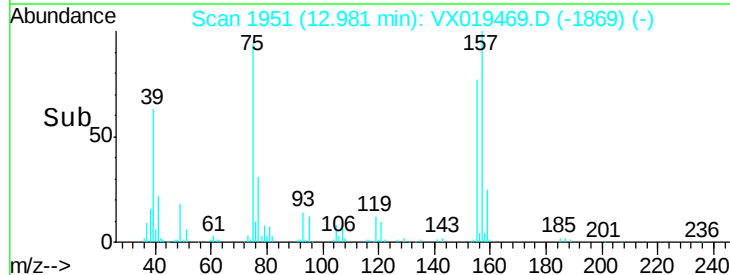
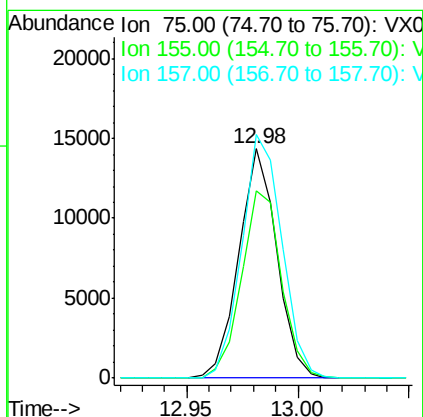
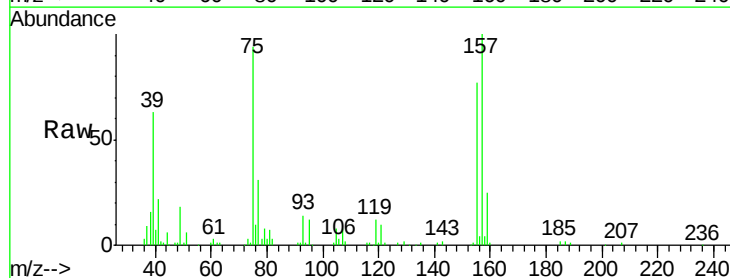
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

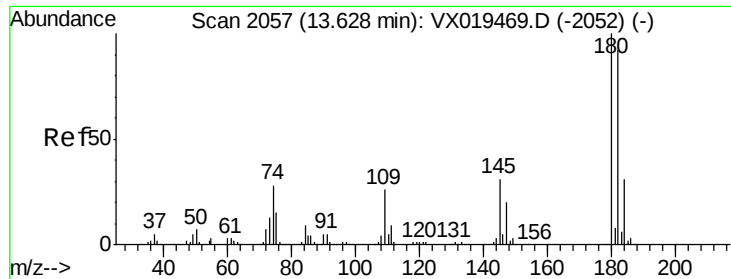
Tgt Ion: 146 Resp: 116108
 Ion Ratio Lower Upper
 146 100
 111 41.1 20.5 61.6
 148 63.0 31.5 94.5



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 19.553 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: VX019469.D
 Acq: 19 Nov 2020 16:35

Tgt Ion: 75 Resp: 17088
 Ion Ratio Lower Upper
 75 100
 155 85.8 68.6 103.0
 157 112.5 90.0 135.0

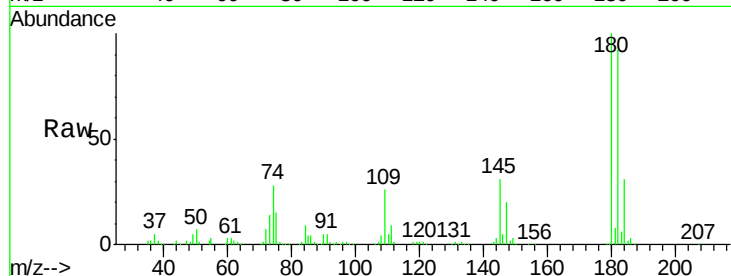




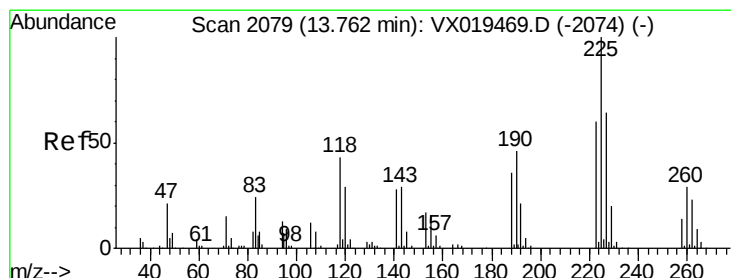
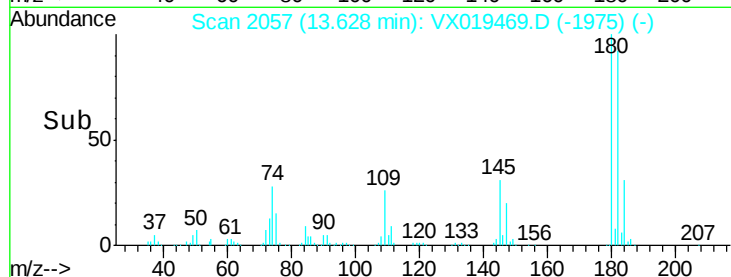
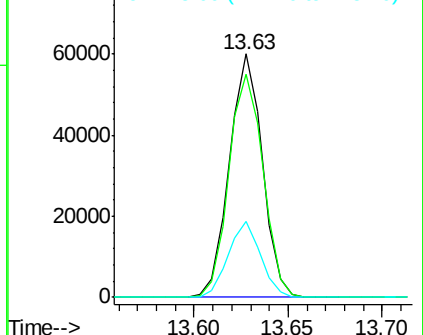
#89
1,2,4-Trichlorobenzene
Concen: 18.318 ug/l
RT: 13.63 min Scan# 2057
Delta R.T. 0.00 min
Lab File: VX019469.D
Acq: 19 Nov 2020 16:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tgt Ion:180 Resp: 72845
Ion Ratio Lower Upper
180 100
182 95.1 76.1 114.1
145 30.9 24.7 37.1

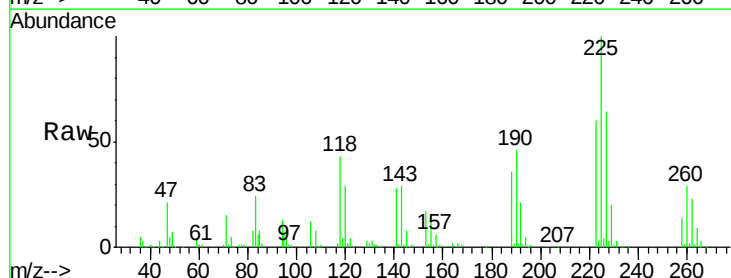


Abundance Ion 180.00 (179.70 to 180.70): V
Ion 182.00 (181.70 to 182.70): V
Ion 145.00 (144.70 to 145.70): V

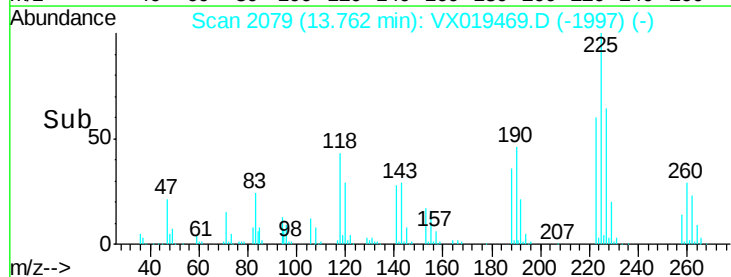
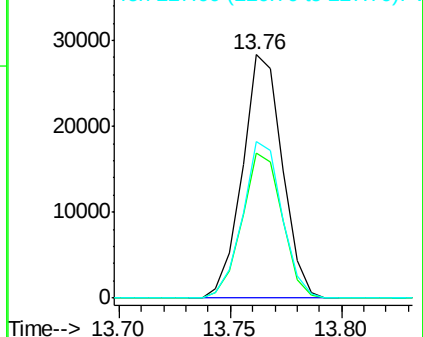


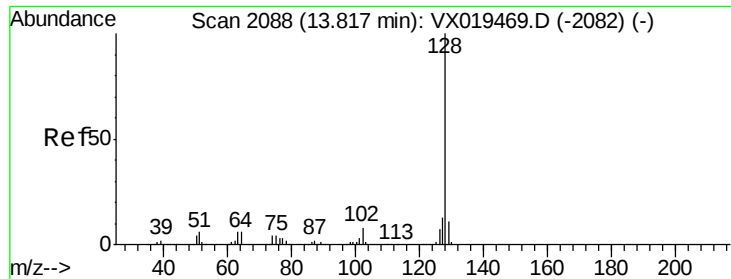
#90
Hexachlorobutadiene
Concen: 20.479 ug/l
RT: 13.76 min Scan# 2079
Delta R.T. 0.00 min
Lab File: VX019469.D
Acq: 19 Nov 2020 16:35

Tgt Ion:225 Resp: 35534
Ion Ratio Lower Upper
225 100
223 59.6 0.0 119.2
227 63.2 0.0 126.4



Abundance Ion 225.00 (224.70 to 225.70): V
Ion 223.00 (222.70 to 223.70): V
Ion 227.00 (226.70 to 227.70): V

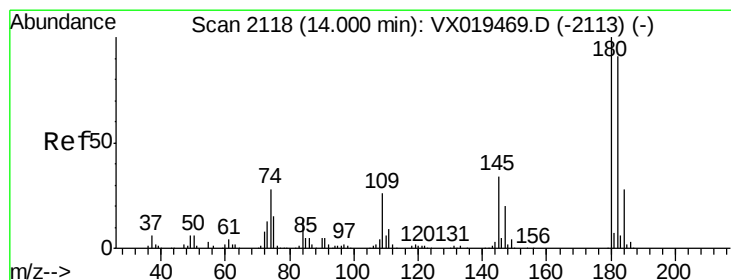
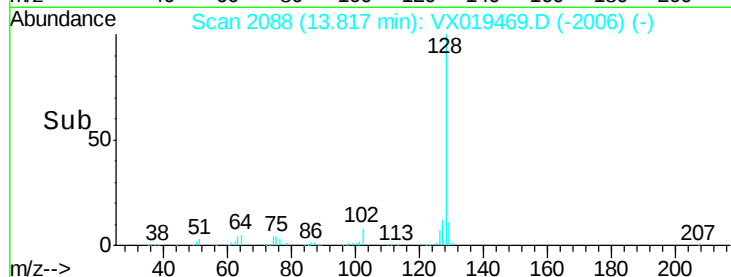
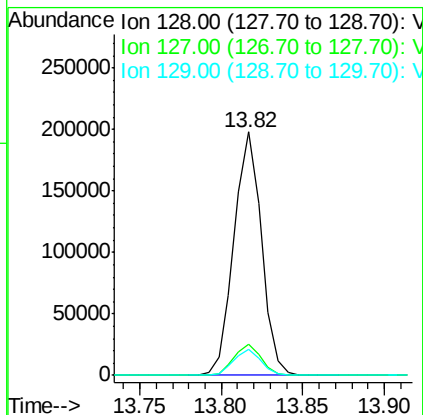
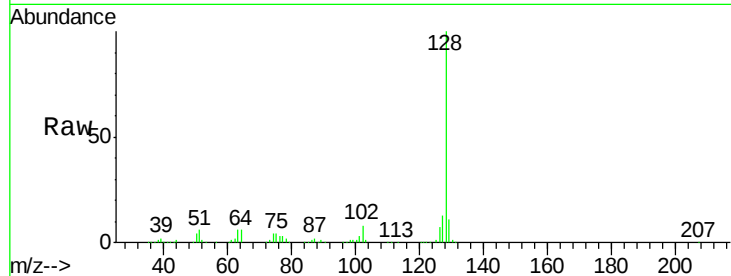




#91
Naphthalene
Concen: 17.942 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX019469.D
Acq: 19 Nov 2020 16:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tgt Ion:128 Resp: 232397
Ion Ratio Lower Upper
128 100
127 12.6 10.1 15.1
129 10.7 8.6 12.8



#92
1,2,3-Trichlorobenzene
Concen: 19.223 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. 0.00 min
Lab File: VX019469.D
Acq: 19 Nov 2020 16:35

Tgt Ion:180 Resp: 74290
Ion Ratio Lower Upper
180 100
182 96.1 0.0 192.2
145 31.8 0.0 63.6

