

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX112320\
 Data File : VX019564.D
 Acq On : 23 Nov 2020 20:33
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Nov 24 00:34:47 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112120W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 21 01:57:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	289266	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	482000	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	421843	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	208628	50.00	ug/l	0.00

System Monitoring Compounds		R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4		6.03	65	179679	47.91	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	95.82%	
35) Dibromofluoromethane		5.46	113	149106	49.28	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	98.56%	
50) Toluene-d8		8.70	98	552218	46.97	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	93.94%	
62) 4-Bromofluorobenzene		11.12	95	205031	48.47	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	96.94%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	135797	48.275	ug/l	99
3) Chloromethane	1.31	50	139931	43.350	ug/l	97
4) Vinyl Chloride	1.39	62	163851	47.154	ug/l	99
5) Bromomethane	1.62	94	56224	42.718	ug/l	99
6) Chloroethane	1.69	64	39469	46.314	ug/l	97
7) Trichlorofluoromethane	1.90	101	243554	48.563	ug/l	97
8) Diethyl Ether	2.17	74	100608	50.089	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	2.36	101	137252	49.054	ug/l	99
10) Methyl Iodide	2.48	142	178403	48.535	ug/l	100
11) Tert butyl alcohol	3.05	59	189558	267.059	ug/l	100
12) 1,1-Dichloroethene	2.34	96	139410	48.544	ug/l	97
13) Acrolein	2.28	56	101702	213.157	ug/l	99
14) Allyl chloride	2.70	41	212420	47.216	ug/l	98
15) Acrylonitrile	3.12	53	412498	246.421	ug/l	100
16) Acetone	2.43	43	331123	228.295	ug/l	98
17) Carbon Disulfide	2.54	76	350917	45.484	ug/l	99
18) Methyl Acetate	2.75	43	177292	49.855	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	519488	52.405	ug/l	98
20) Methylene Chloride	2.83	84	164325	45.329	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	161663	49.685	ug/l	99
22) Diisopropyl ether	3.83	45	461971	49.638	ug/l	93
23) Vinyl Acetate	3.79	43	2005451	256.896	ug/l	99
24) 1,1-Dichloroethane	3.67	63	281724	49.490	ug/l	100
25) 2-Butanone	4.64	43	529741	243.134	ug/l	98
26) 2,2-Dichloropropane	4.55	77	222335	44.746	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	205117	54.880	ug/l	98
28) Bromochloromethane	4.98	49	116678	42.871	ug/l	95
29) Tetrahydrofuran	5.09	42	343097	246.801	ug/l	98
30) Chloroform	5.17	83	297419	49.966	ug/l	97
31) Cyclohexane	5.54	56	234563	48.085	ug/l	96
32) 1,1,1-Trichloroethane	5.46	97	263563	51.546	ug/l	99
36) 1,1-Dichloropropene	5.76	75	217899	48.221	ug/l	98
37) Ethyl Acetate	4.80	43	212434	50.077	ug/l	99
38) Carbon Tetrachloride	5.75	117	224171	51.253	ug/l	99

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	249711	47.461	ug/l	98
40) Benzene	6.11	78	668773	48.169	ug/l	100
41) Methacrylonitrile	5.01	41	112478	48.081	ug/l	96
42) 1,2-Dichloroethane	6.16	62	232685	48.896	ug/l	100
43) Isopropyl Acetate	6.42	43	348546	48.877	ug/l	99
44) Trichloroethene	7.18	130	306930	84.397	ug/l	93
45) 1,2-Dichloropropane	7.49	63	164161	48.029	ug/l	100
46) Dibromomethane	7.63	93	114656	49.012	ug/l	100
47) Bromodichloromethane	7.87	83	228032	50.234	ug/l	98
48) Methyl methacrylate	7.74	41	167603	50.185	ug/l	98
49) 1,4-Dioxane	7.72	88	82150	1083.362	ug/l	97
51) 4-Methyl-2-Pentanone	8.62	43	1046995	251.780	ug/l	99
52) Toluene	8.76	92	410264	48.303	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	246710	50.324	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	270399	49.701	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	169686	49.055	ug/l	99
56) Ethyl methacrylate	9.16	69	257691	52.648	ug/l	98
57) 1,3-Dichloropropane	9.35	76	282167	48.723	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	671302	234.064	ug/l	98
59) 2-Hexanone	9.48	43	797670	252.924	ug/l	99
60) Dibromochloromethane	9.56	129	174219	51.420	ug/l	100
61) 1,2-Dibromoethane	9.65	107	177167	49.688	ug/l	99
64) Tetrachloroethene	9.32	164	148911	44.908	ug/l	95
65) Chlorobenzene	10.12	112	427670	49.309	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.20	131	165450	52.444	ug/l	98
67) Ethyl Benzene	10.23	91	768884	50.604	ug/l	98
68) m/p-Xylenes	10.34	106	577871	102.084	ug/l	99
69) o-Xylene	10.68	106	284637	52.601	ug/l	99
70) Styrene	10.70	104	481073	48.092	ug/l	100
71) Bromoform	10.84	173	128463	48.208	ug/l	99
73) Isopropylbenzene	11.00	105	746837	51.747	ug/l	99
74) N-amyl acetate	10.88	43	298543	55.203	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	262592	50.878	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	292916	64.335	ug/l	88
77) Bromobenzene	11.24	156	191925	52.092	ug/l	95
78) n-propylbenzene	11.34	91	834283	50.389	ug/l	99
79) 2-Chlorotoluene	11.40	91	515850	51.374	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	633561	52.330	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.05	75	82314	48.930	ug/l	100
82) 4-Chlorotoluene	11.49	91	596072	50.427	ug/l	100
83) tert-Butylbenzene	11.76	119	623968	53.271	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	648358	52.927	ug/l	99
85) sec-Butylbenzene	11.93	105	700094	50.242	ug/l	99
86) p-Isopropyltoluene	12.05	119	649622	51.348	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	336562	49.741	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	344071	49.367	ug/l	99
89) n-Butylbenzene	12.37	91	556391	48.646	ug/l	100
90) Hexachloroethane	12.58	117	109269	51.615	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	345977	50.910	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	57544	54.651	ug/l	98

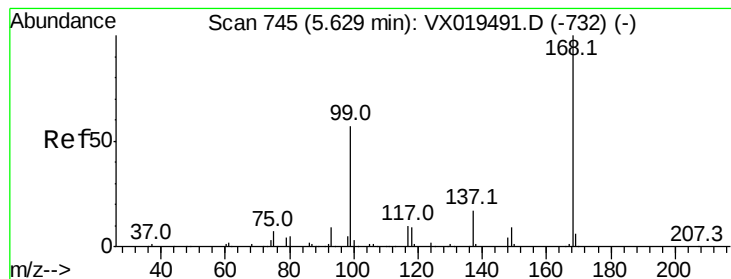
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112320\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	221417	50.748	ug/l	99
94) Hexachlorobutadiene	13.76	225	87146	43.846	ug/l	98
95) Naphthalene	13.82	128	756180	49.177	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	217735	49.891	ug/l	96

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

Lab File: VX019564.D

Acq: 23 Nov 2020 20:33

Instrument :

MSVOA_X

ClientSampleId :

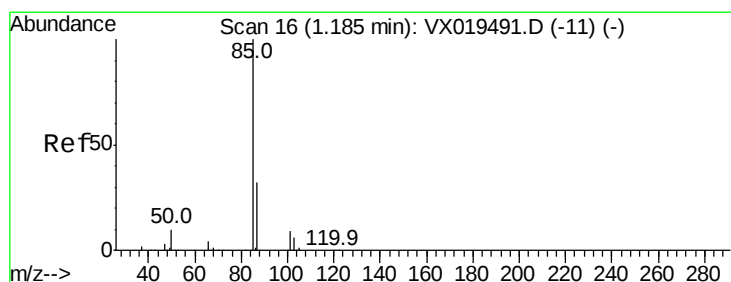
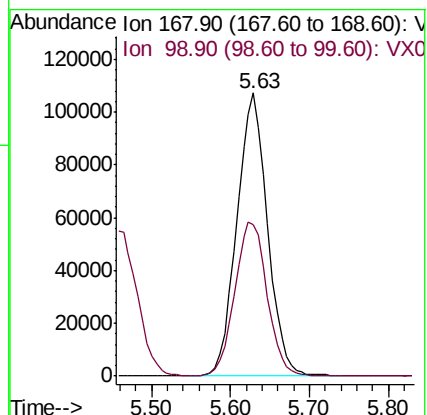
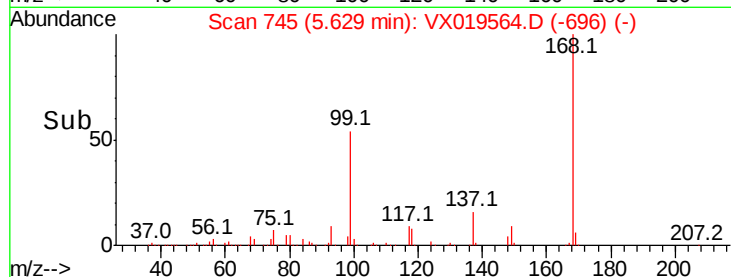
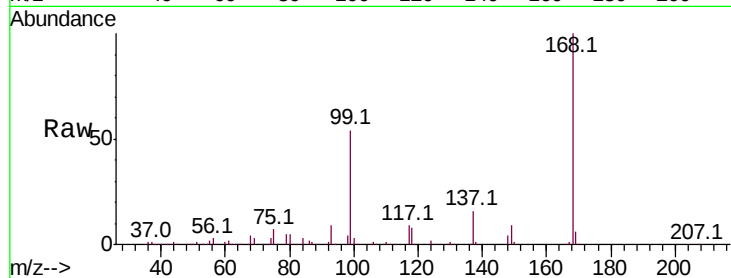
VSTDCCC050EC

Tot Ion:168 Resp: 289266

Ion Ratio Lower Upper

168 100

99 53.5 45.8 68.6



#2

Dichlorodifluoromethane

Concen: 48.275 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX019564.D

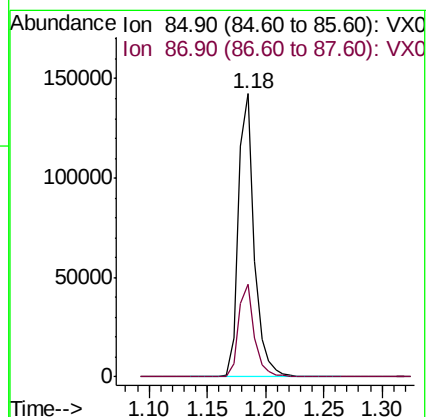
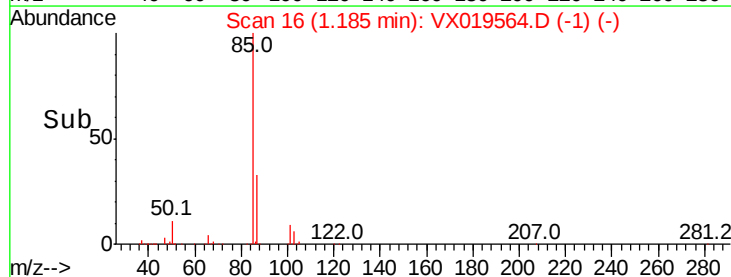
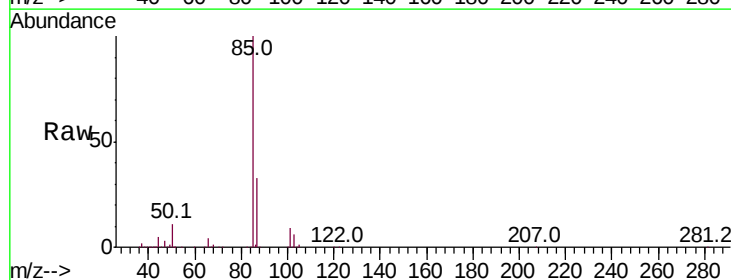
Acq: 23 Nov 2020 20:33

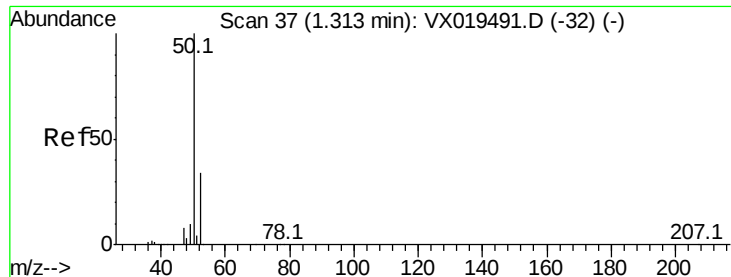
Tgt Ion: 85 Resp: 135797

Ion Ratio Lower Upper

85 100

87 32.7 16.0 47.9

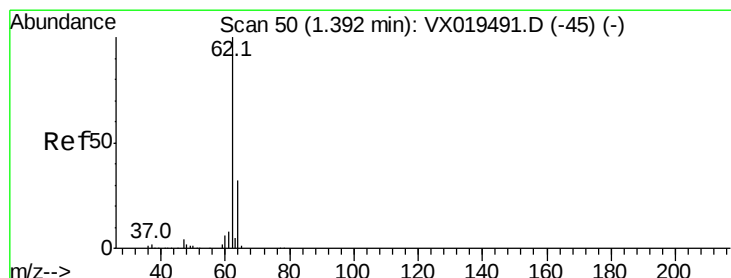
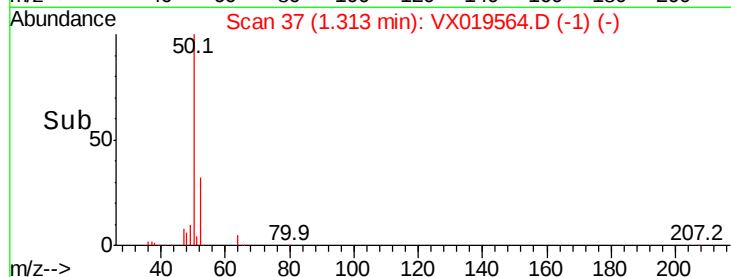
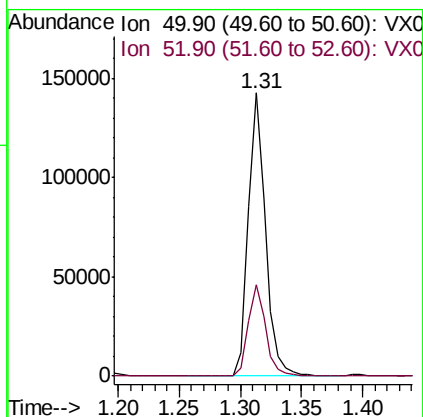
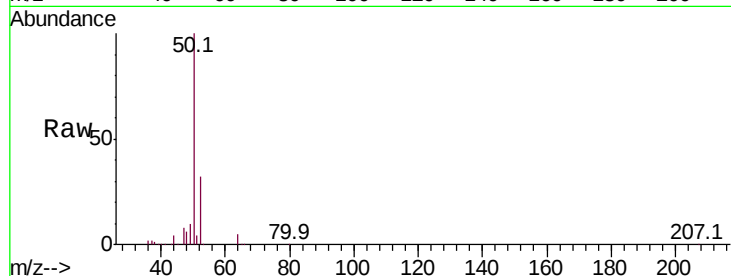




#3
Chloromethane
Concen: 43.350 ug/l
RT: 1.31 min Scan# 37
Delta R.T. -0.00 min
Lab File: VX019564.D
Acq: 23 Nov 2020 20:33

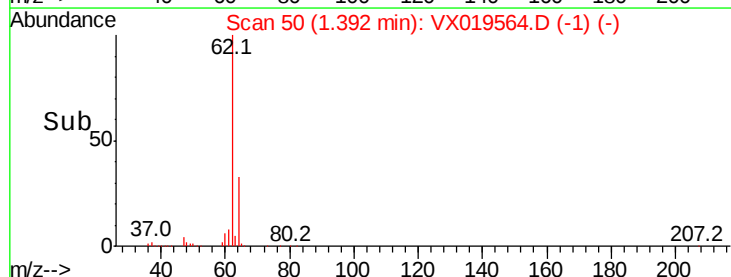
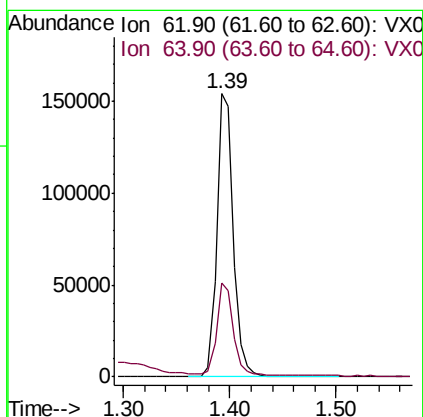
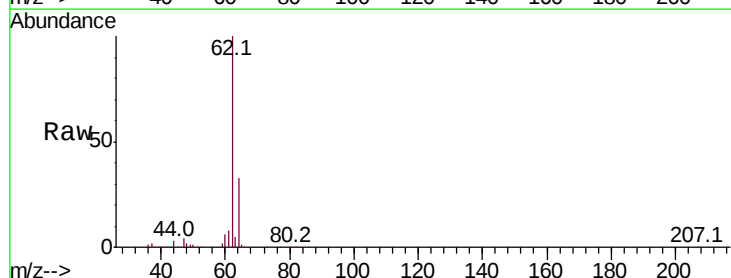
Instrument :
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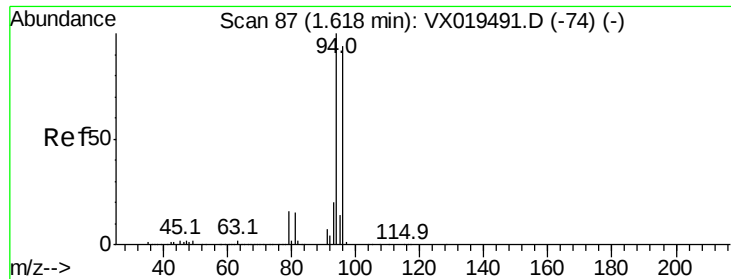
Tot Ion: 50 Resp: 139931
Ion Ratio Lower Upper
50 100
52 32.3 27.0 40.6



#4
Vinyl Chloride
Concen: 47.154 ug/l
RT: 1.39 min Scan# 50
Delta R.T. -0.00 min
Lab File: VX019564.D
Acq: 23 Nov 2020 20:33

Tgt Ion: 62 Resp: 163851
Ion Ratio Lower Upper
62 100
64 32.6 25.4 38.2





#5

Bromomethane

Concen: 42.718 ug/l

RT: 1.62 min Scan# 87

Delta R.T. -0.00 min

Lab File: VX019564.D

Acq: 23 Nov 2020 20:33

Instrument :

MSVOA_X

ClientSampleId :

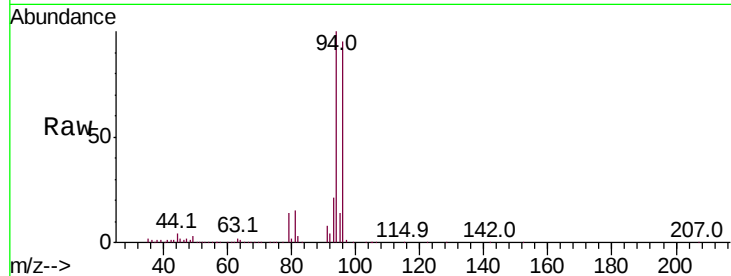
VSTDCCC050EC

Tot Ion: 94 Resp: 56224

Ion Ratio Lower Upper

94 100

96 95.3 75.6 113.4



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.62

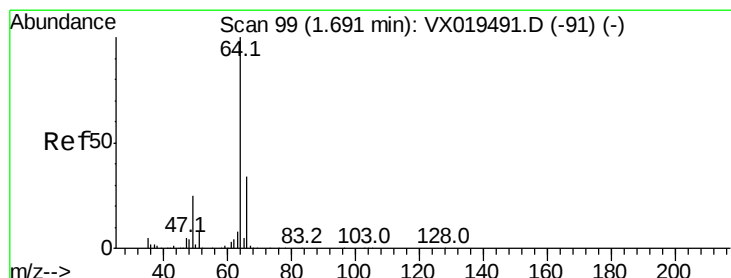
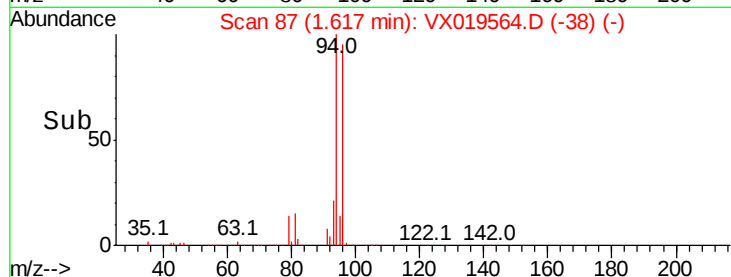
60000

40000

20000

0

Time--> 1.55 1.60 1.65 1.70



#6

Chloroethane

Concen: 46.314 ug/l

RT: 1.69 min Scan# 99

Delta R.T. 0.00 min

Lab File: VX019564.D

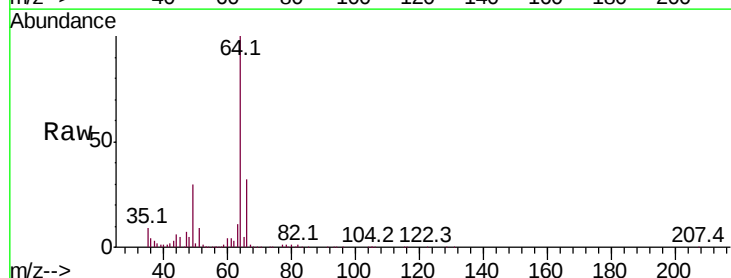
Acq: 23 Nov 2020 20:33

Tgt Ion: 64 Resp: 39469

Ion Ratio Lower Upper

64 100

66 32.3 27.1 40.7



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

40000

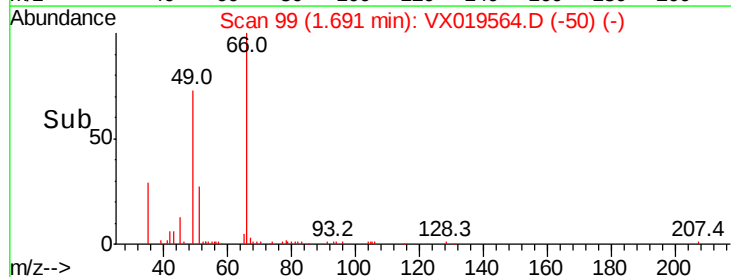
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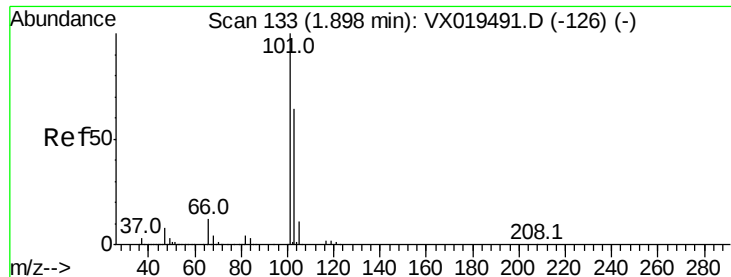
20000

10000

0

Time--> 1.60 1.65 1.70 1.75



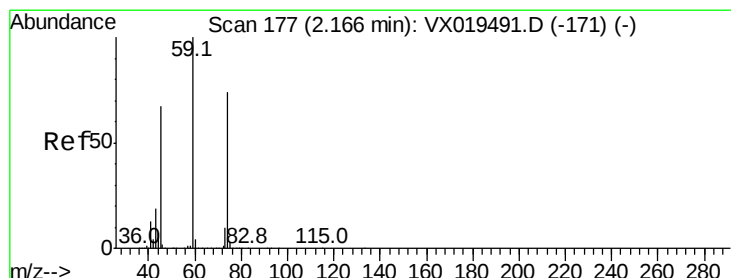
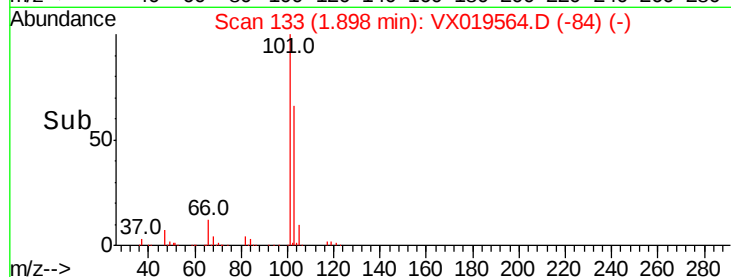
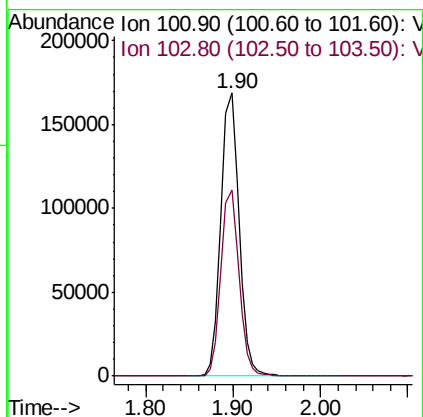
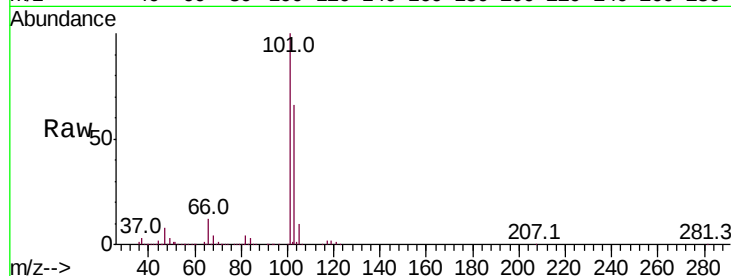


#7

Trichlorofluoromethane
 Concen: 48.563 ug/l
 RT: 1.90 min Scan# 133
 Delta R.T. -0.00 min
 Lab File: VX019564.D
 Acq: 23 Nov 2020 20:33

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

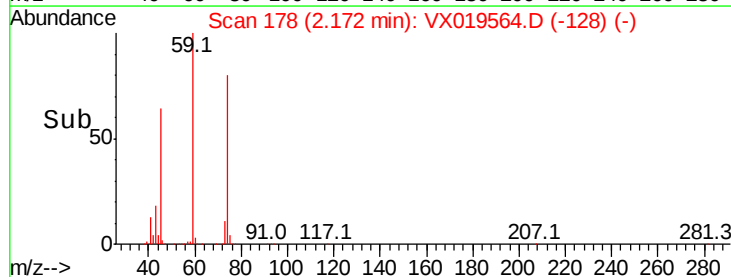
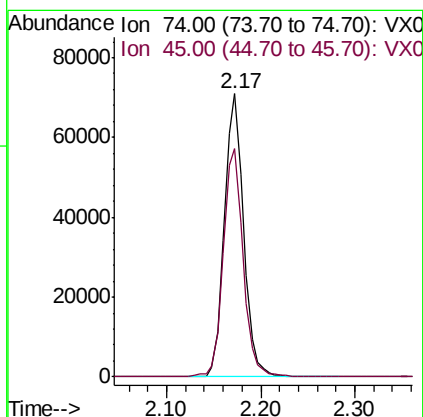
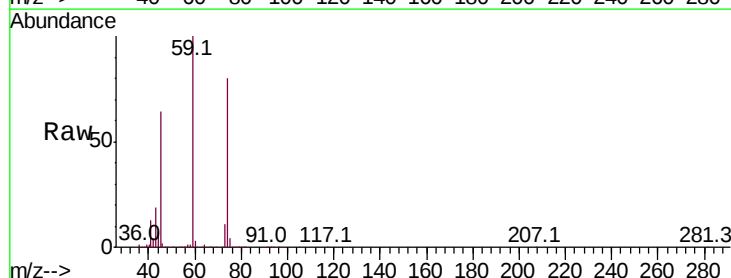
Tot Ion:101 Resp: 243554
 Ion Ratio Lower Upper
 101 100
 103 65.7 50.9 76.3

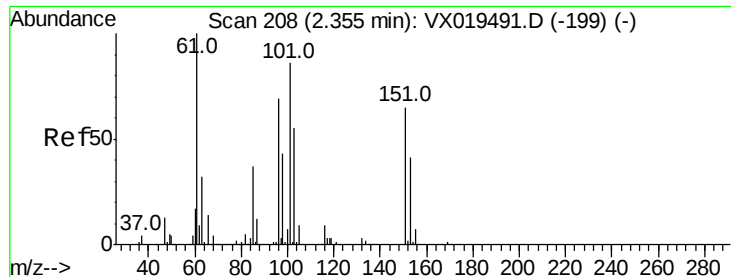


#8

Diethyl Ether
 Concen: 50.089 ug/l
 RT: 2.17 min Scan# 178
 Delta R.T. 0.01 min
 Lab File: VX019564.D
 Acq: 23 Nov 2020 20:33

Tgt Ion: 74 Resp: 100608
 Ion Ratio Lower Upper
 74 100
 45 82.6 44.4 133.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.054 ug/l

RT: 2.36 min Scan# 208

Delta R.T. -0.00 min

Lab File: VX019564.D

Acq: 23 Nov 2020 20:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

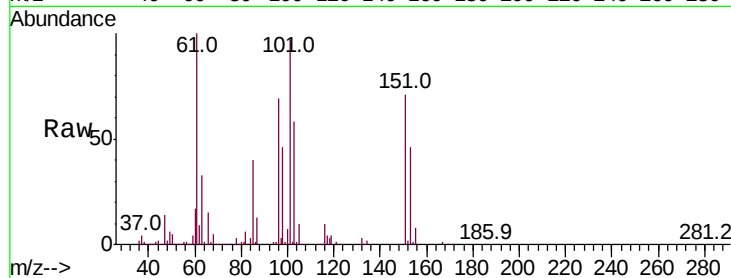
Tot Ion:101 Resp: 137252

Ion Ratio Lower Upper

101 100

85 43.2 33.9 50.9

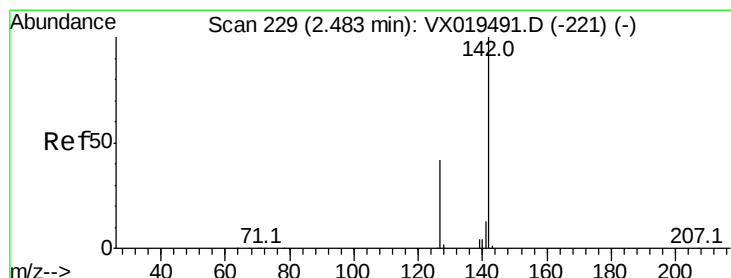
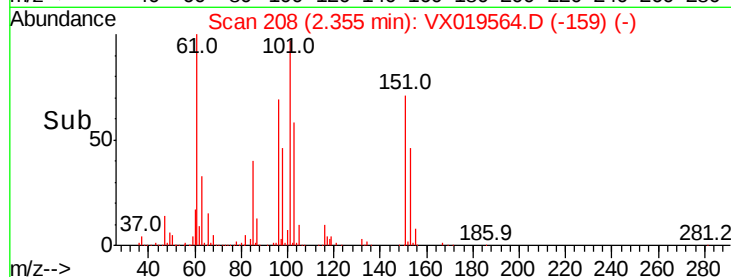
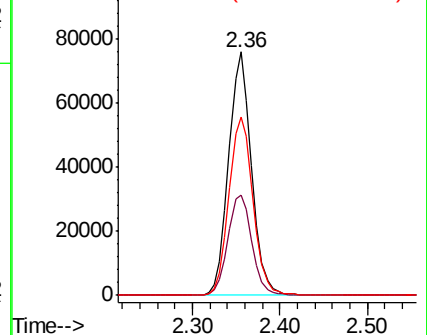
151 77.2 60.9 91.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 48.535 ug/l

RT: 2.48 min Scan# 229

Delta R.T. -0.00 min

Lab File: VX019564.D

Acq: 23 Nov 2020 20:33

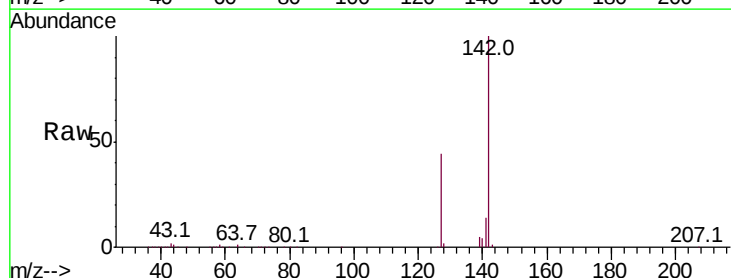
Tgt Ion:142 Resp: 178403

Ion Ratio Lower Upper

142 100

127 42.4 33.8 50.6

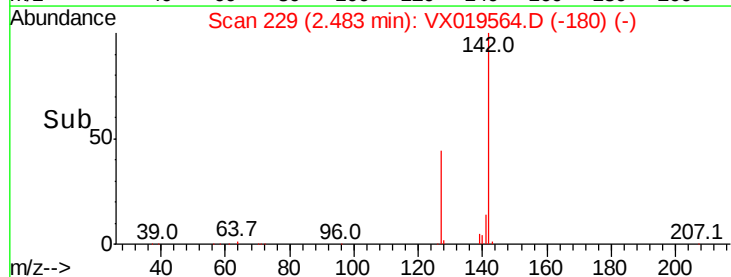
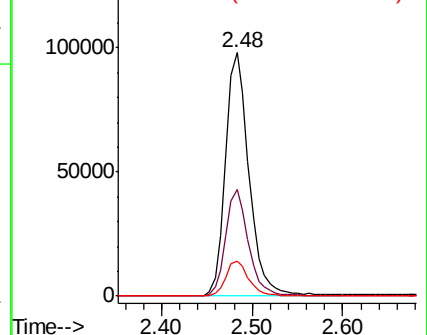
141 14.2 11.0 16.6

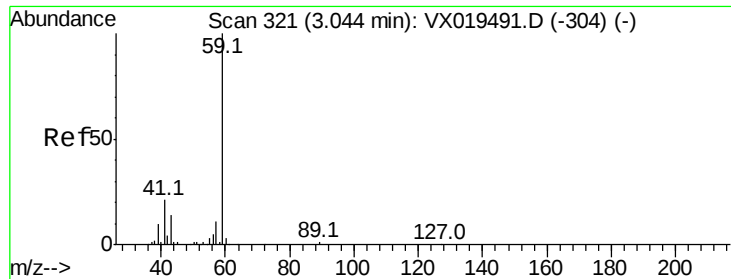


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



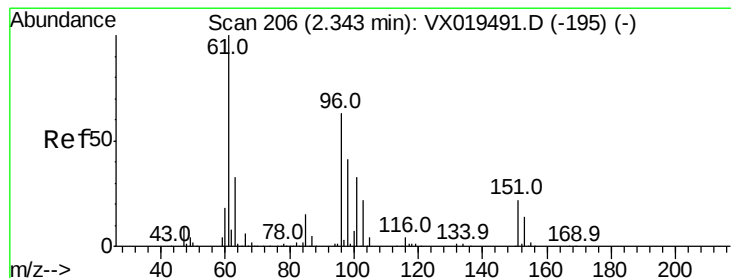
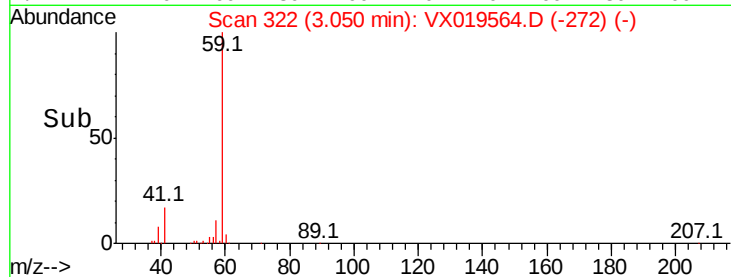
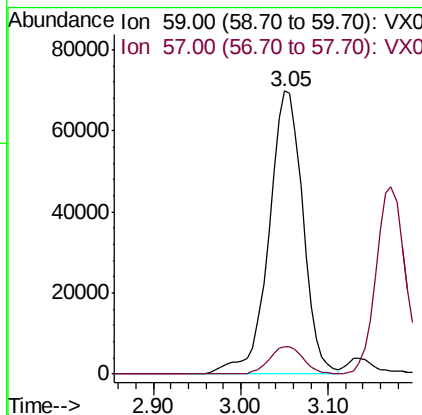
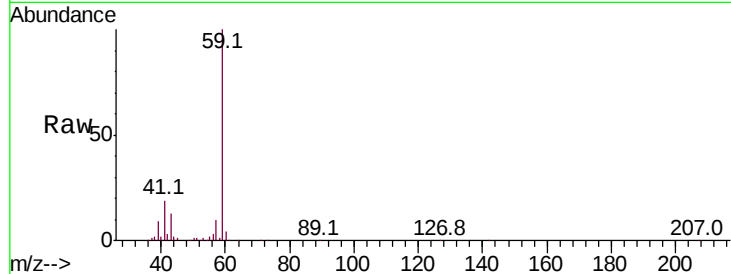


#11

Tert butyl alcohol
Concen: 267.059 ug/l
RT: 3.05 min Scan# 322
Delta R.T. 0.01 min
Lab File: VX019564.D
Acq: 23 Nov 2020 20:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

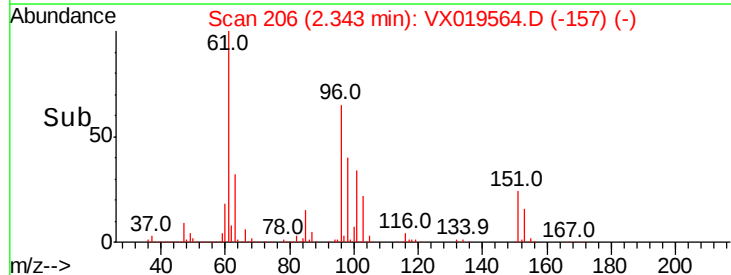
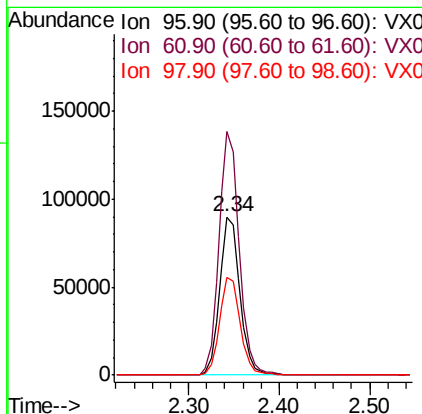
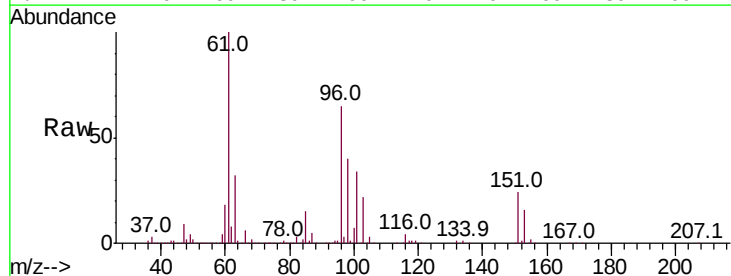
Tot Ion: 59 Resp: 189558
Ion Ratio Lower Upper
59 100
57 9.8 7.9 11.9

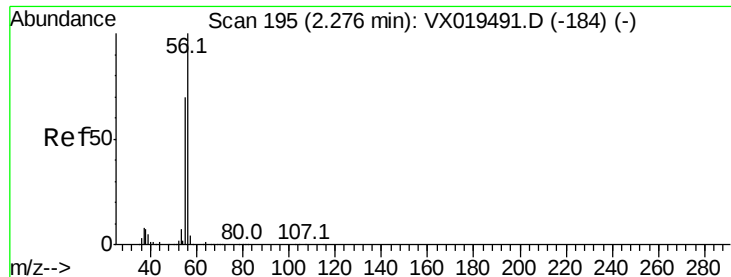


#12

1,1-Dichloroethene
Concen: 48.544 ug/l
RT: 2.34 min Scan# 206
Delta R.T. -0.00 min
Lab File: VX019564.D
Acq: 23 Nov 2020 20:33

Tgt Ion: 96 Resp: 139410
Ion Ratio Lower Upper
96 100
61 154.1 126.0 189.0
98 61.7 52.0 78.0





#13

Acrolein

Concen: 213.157 ug/l

RT: 2.28 min Scan# 195

Delta R.T. -0.00 min

Lab File: VX019564.D

Acq: 23 Nov 2020 20:33

Instrument :

MSVOA_X

ClientSampleId :

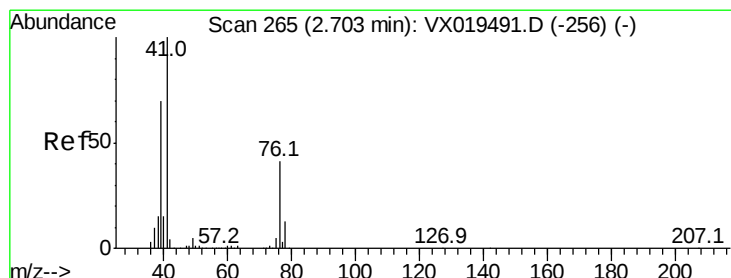
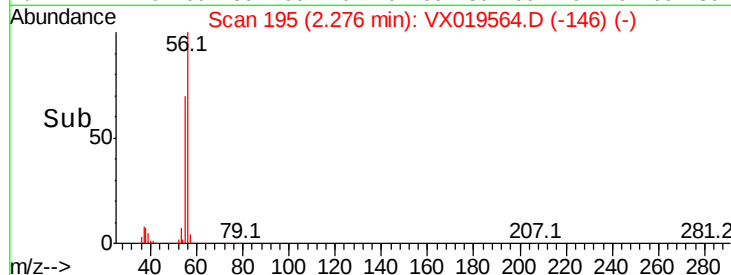
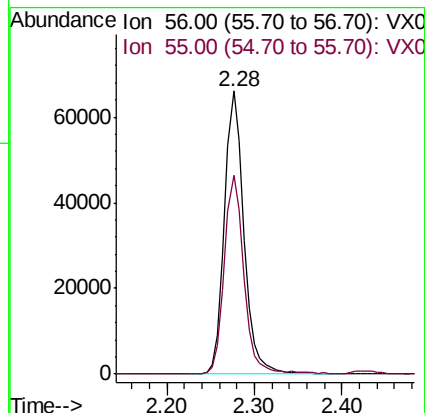
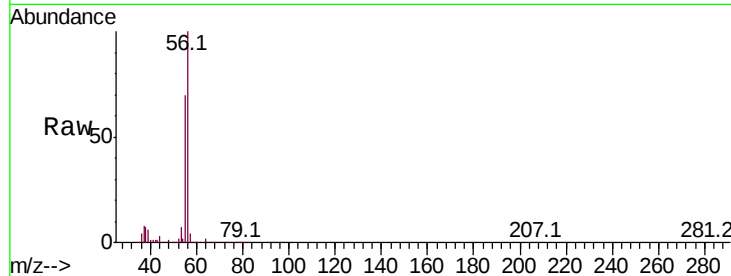
VSTDCCC050EC

Tot Ion: 56 Resp: 101702

Ion Ratio Lower Upper

56 100

55 70.2 55.5 83.3



#14

Allyl chloride

Concen: 47.216 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.00 min

Lab File: VX019564.D

Acq: 23 Nov 2020 20:33

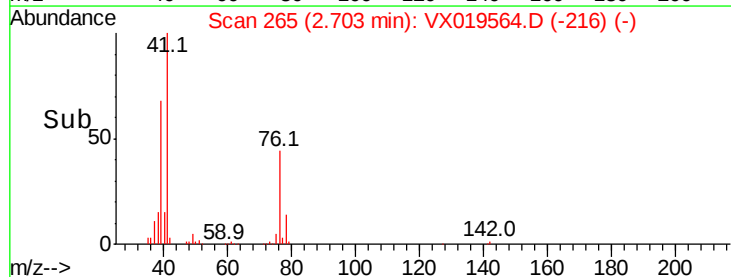
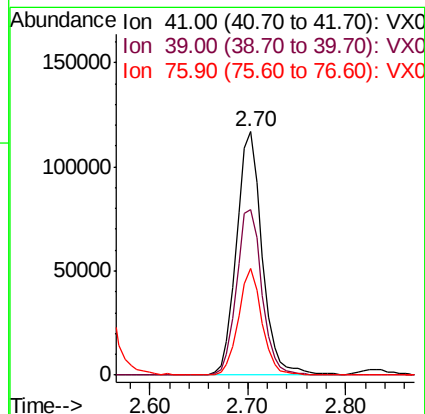
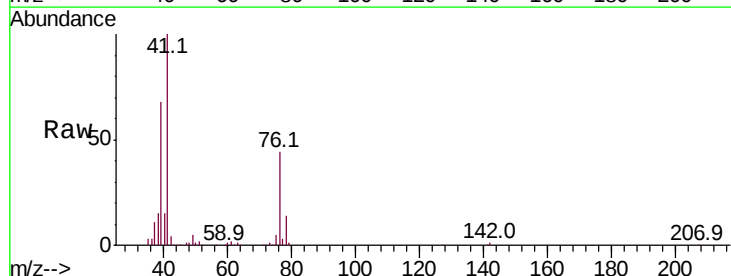
Tgt Ion: 41 Resp: 212420

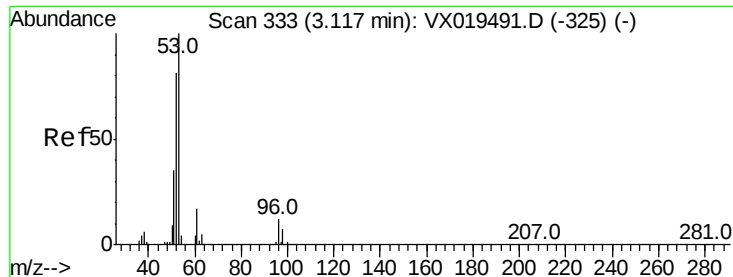
Ion Ratio Lower Upper

41 100

39 68.1 53.0 79.4

76 40.3 31.0 46.6





#15

Acrylonitrile

Concen: 246.421 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX019564.D

Acq: 23 Nov 2020 20:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

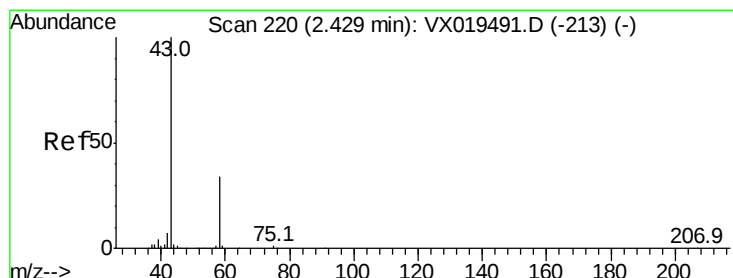
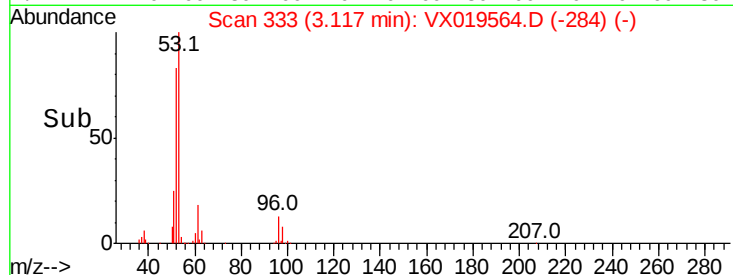
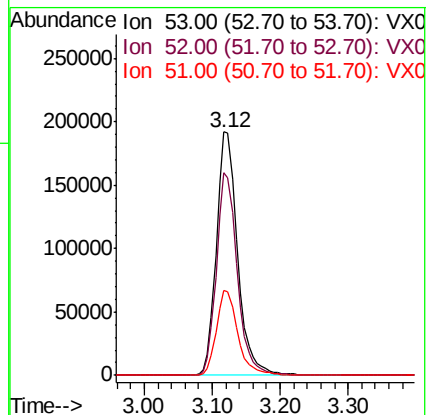
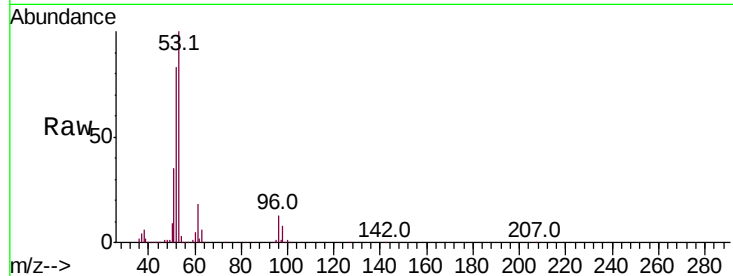
Tot Ion: 53 Resp: 412498

Ion Ratio Lower Upper

53 100

52 82.5 66.2 99.2

51 35.4 28.5 42.7



#16

Acetone

Concen: 228.295 ug/l

RT: 2.43 min Scan# 220

Delta R.T. -0.00 min

Lab File: VX019564.D

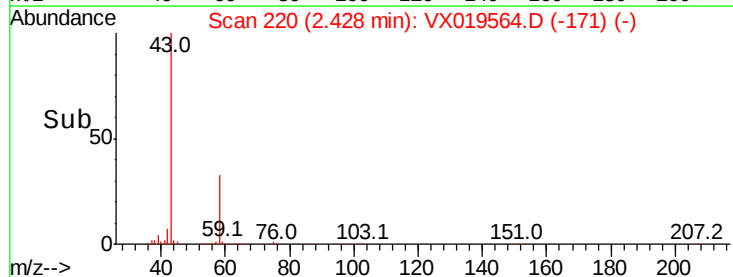
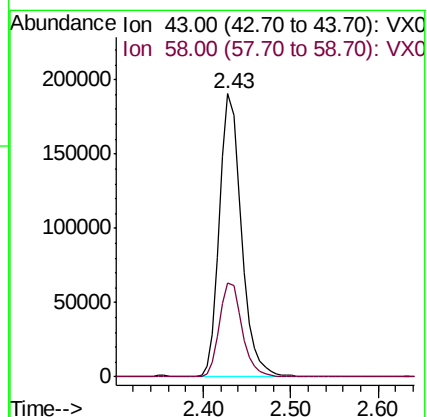
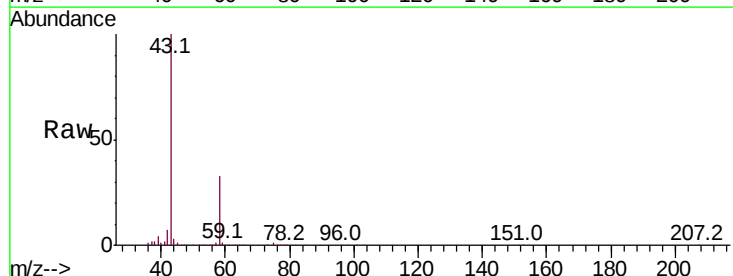
Acq: 23 Nov 2020 20:33

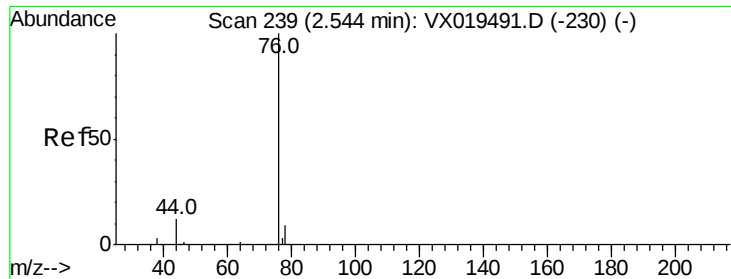
Tgt Ion: 43 Resp: 331123

Ion Ratio Lower Upper

43 100

58 33.4 27.4 41.2

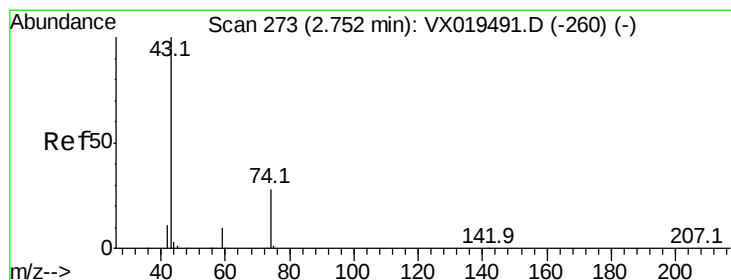
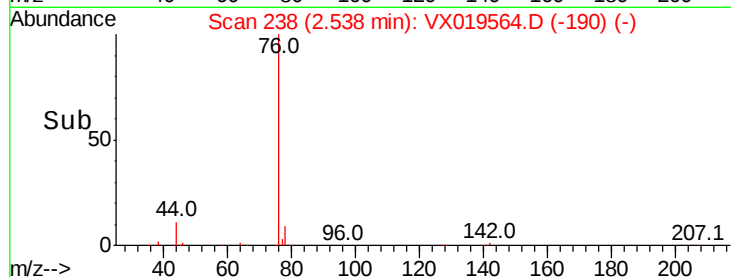
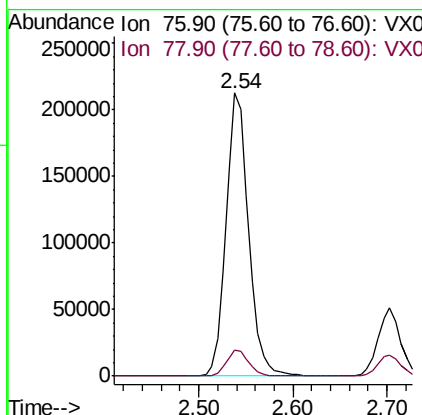
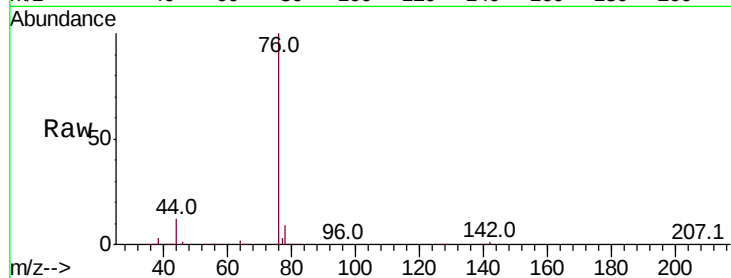




#17
Carbon Disulfide
Concen: 45.484 ug/l
RT: 2.54 min Scan# 238
Delta R.T. -0.01 min
Lab File: VX019564.D
Acq: 23 Nov 2020 20:33

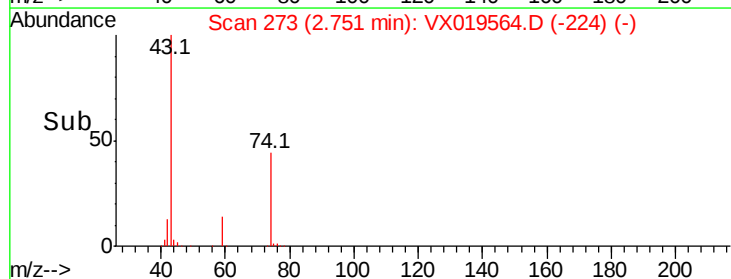
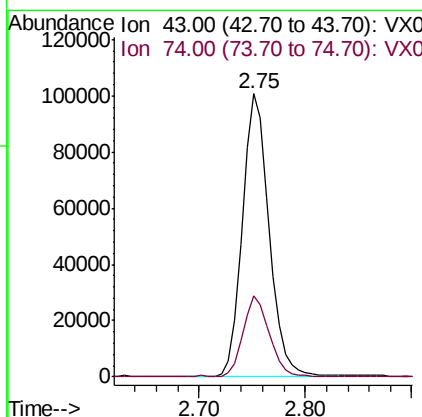
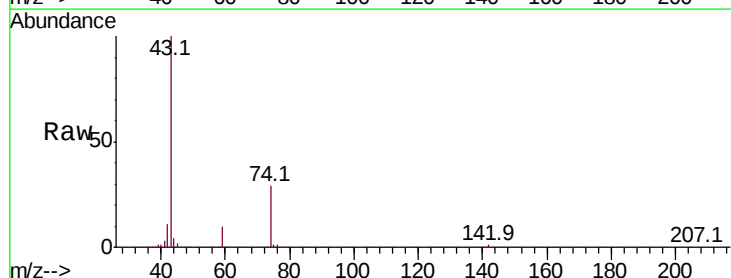
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

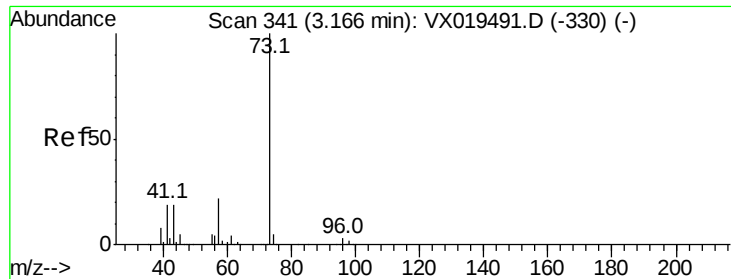
Tot Ion: 76 Resp: 350917
Ion Ratio Lower Upper
76 100
78 9.3 7.2 10.8



#18
Methyl Acetate
Concen: 49.855 ug/l
RT: 2.75 min Scan# 273
Delta R.T. 0.00 min
Lab File: VX019564.D
Acq: 23 Nov 2020 20:33

Tgt Ion: 43 Resp: 177292
Ion Ratio Lower Upper
43 100
74 27.7 22.2 33.4

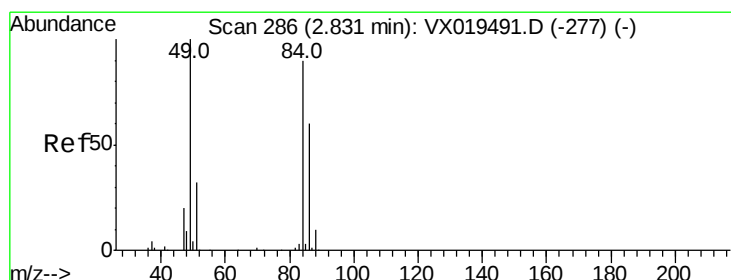
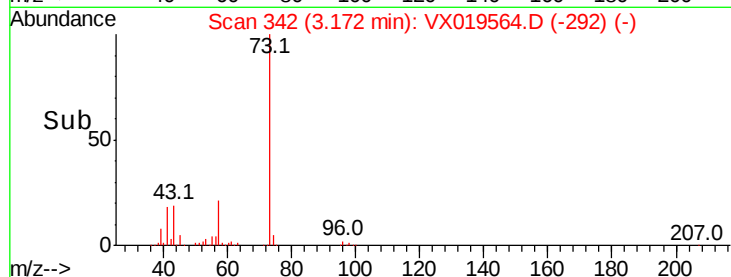
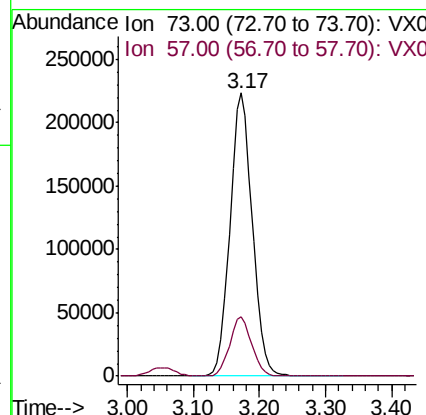
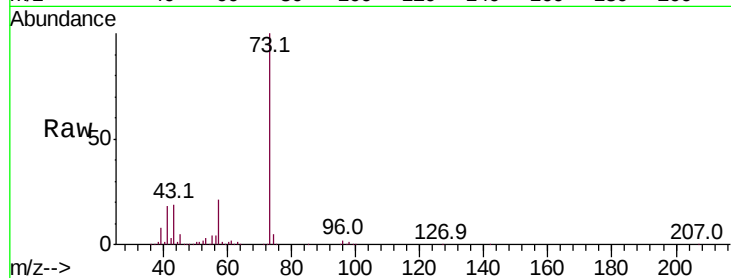




#19
Methvl tert-butvl Ether
Concen: 52.405 ug/l
RT: 3.17 min Scan# 342
Delta R.T. 0.01 min
Lab File: VX019564.D
Acq: 23 Nov 2020 20:33

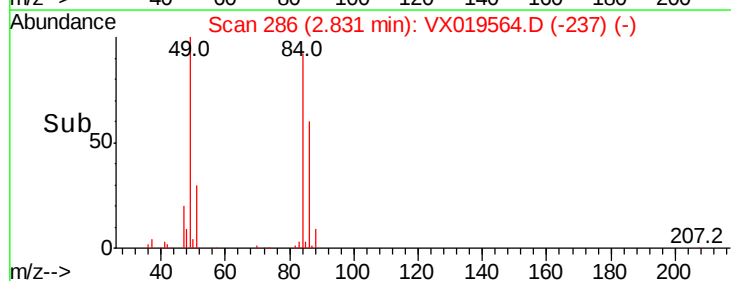
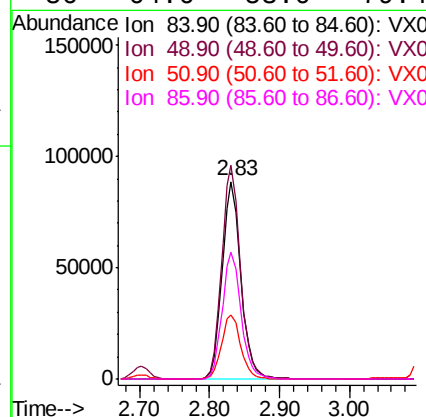
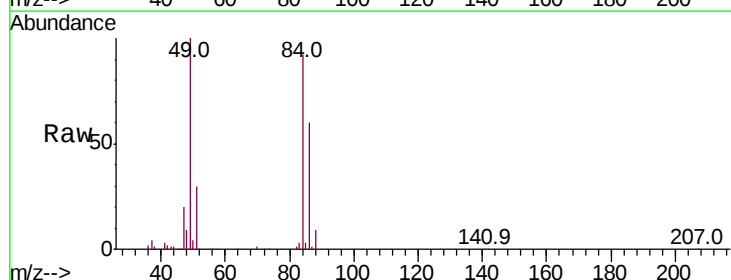
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

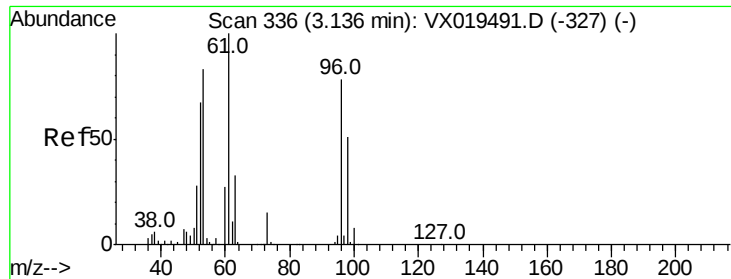
Tot Ion: 73 Resp: 519488
Ion Ratio Lower Upper
73 100
57 20.8 17.3 25.9



#20
Methylene Chloride
Concen: 45.329 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.00 min
Lab File: VX019564.D
Acq: 23 Nov 2020 20:33

Tgt Ion: 84 Resp: 164325
Ion Ratio Lower Upper
84 100
49 108.3 88.5 132.7
51 32.7 28.0 42.0
86 64.6 53.0 79.4





#21

trans-1,2-Dichloroethene

Concen: 49.685 ug/l

RT: 3.14 min Scan# 336

Delta R.T. -0.00 min

Lab File: VX019564.D

Acq: 23 Nov 2020 20:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

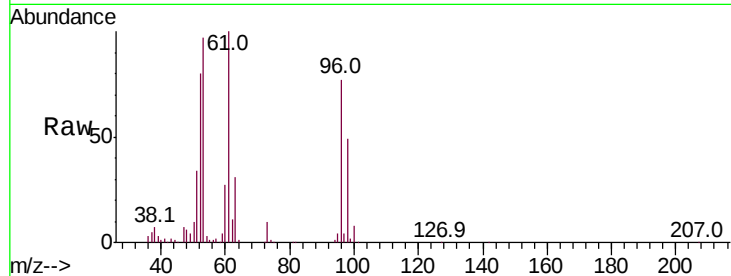
Tot Ion: 96 Resp: 161663

Ion Ratio Lower Upper

96 100

61 129.3 102.9 154.3

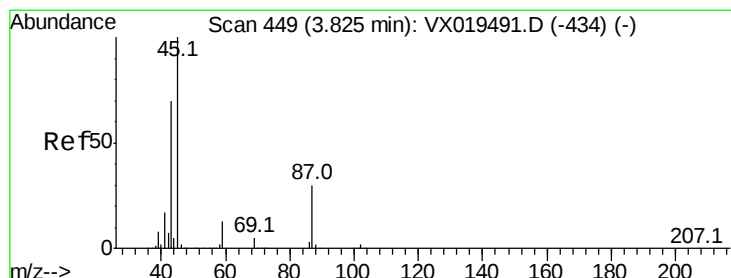
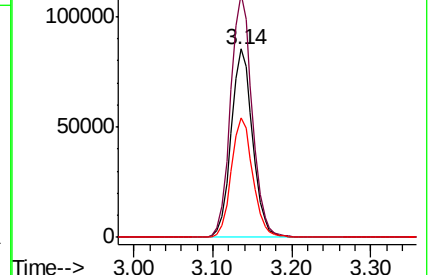
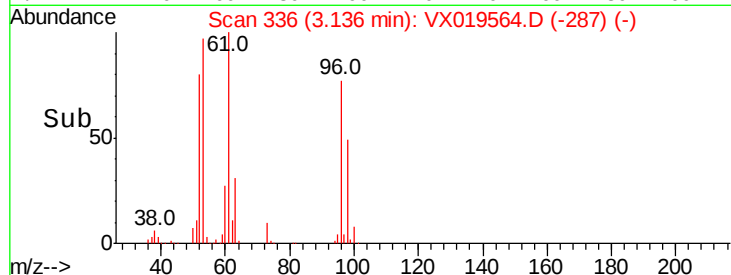
98 63.5 52.1 78.1



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 49.638 ug/l

RT: 3.83 min Scan# 450

Delta R.T. 0.01 min

Lab File: VX019564.D

Acq: 23 Nov 2020 20:33

Tgt Ion: 45 Resp: 461971

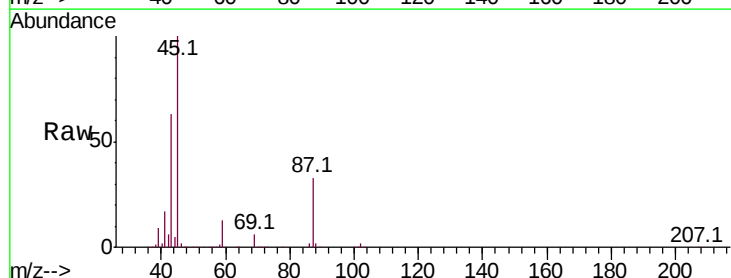
Ion Ratio Lower Upper

45 100

43 63.2 56.1 84.1

87 32.8 24.2 36.2

59 12.8 10.2 15.2

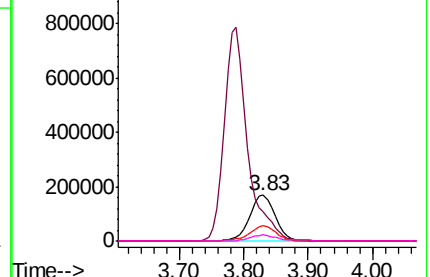
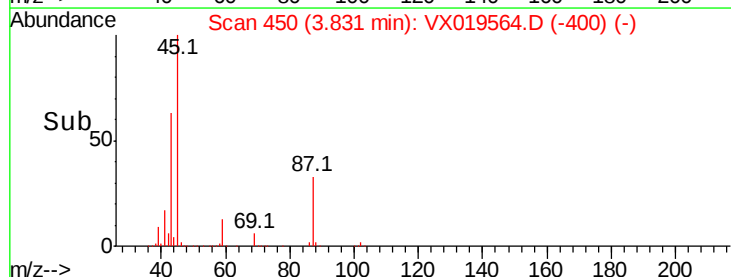


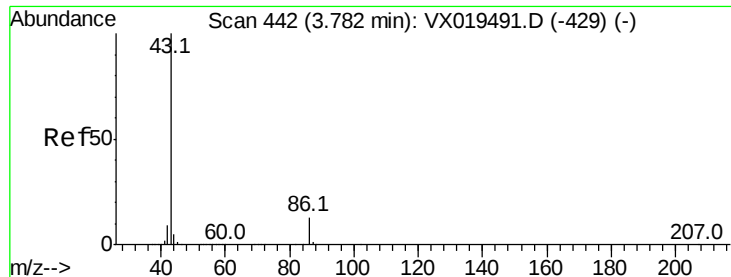
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 256.896 ug/l

RT: 3.79 min Scan# 443

Delta R.T. 0.01 min

Lab File: VX019564.D

Acq: 23 Nov 2020 20:33

Instrument :

MSVOA_X

ClientSampleId :

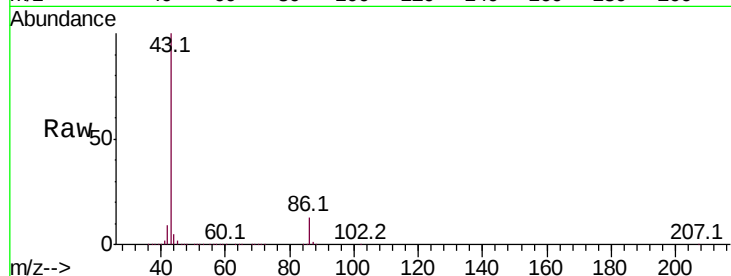
VSTDCCC050EC

Tot Ion: 43 Resp: 2005451

Ion Ratio Lower Upper

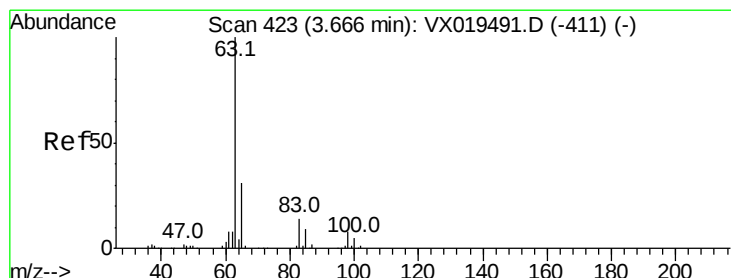
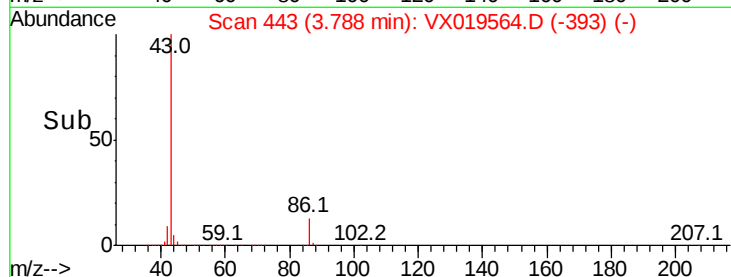
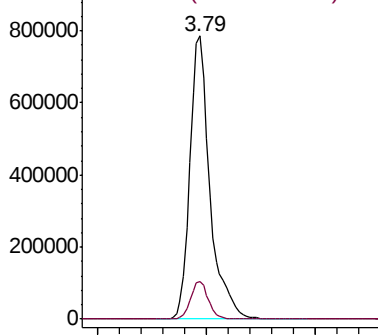
43 100

86 13.1 10.2 15.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 49.490 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX019564.D

Acq: 23 Nov 2020 20:33

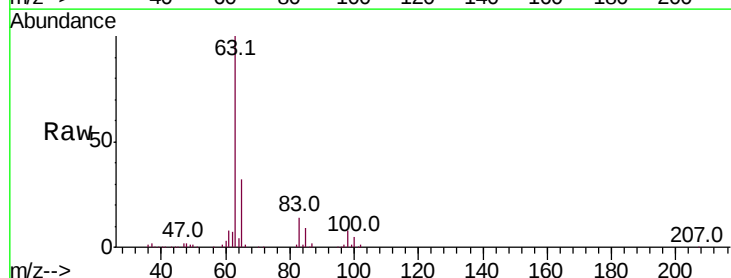
Tgt Ion: 63 Resp: 281724

Ion Ratio Lower Upper

63 100

98 7.7 3.9 11.7

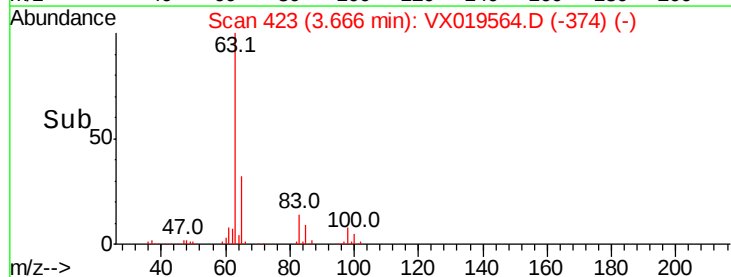
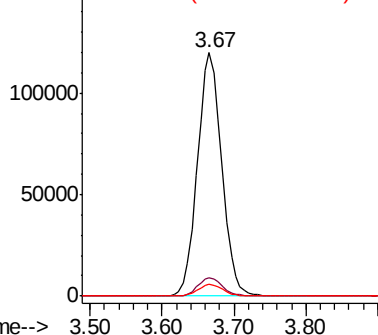
100 4.9 2.4 7.1

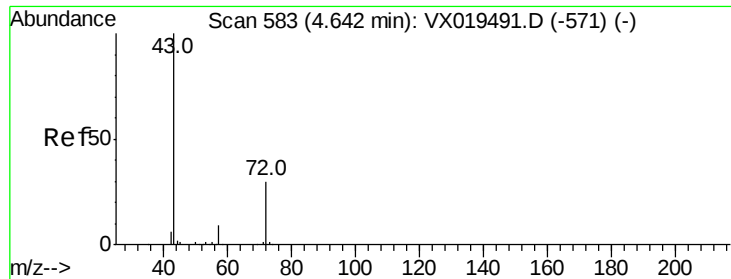


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 243.134 ug/l

RT: 4.64 min Scan# 583

Delta R.T. -0.00 min

Lab File: VX019564.D

Acq: 23 Nov 2020 20:33

Instrument :

MSVOA_X

ClientSampleId :

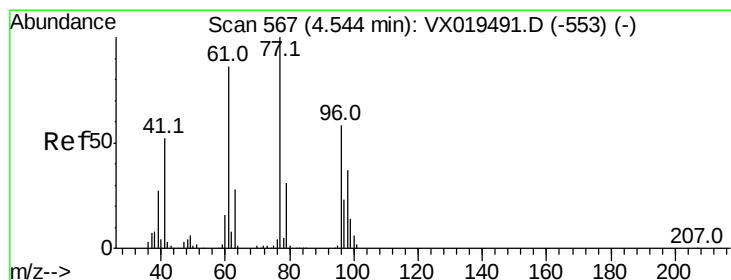
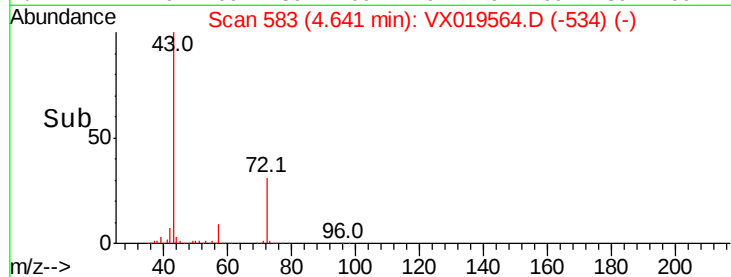
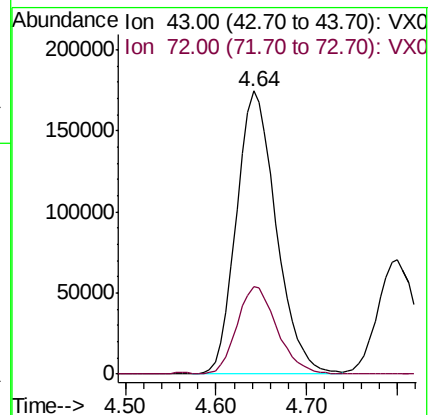
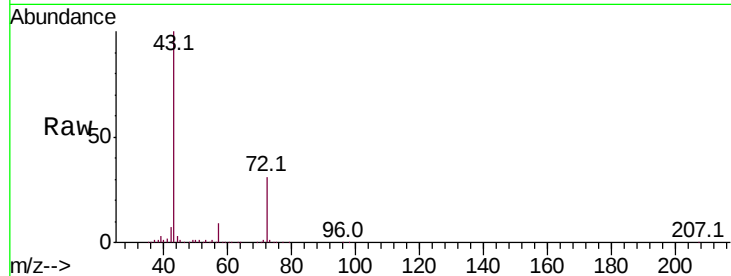
VSTDCCC050EC

Tot Ion: 43 Resp: 529741

Ion Ratio Lower Upper

43 100

72 30.9 24.0 36.0



#26

2,2-Dichloropropane

Concen: 44.746 ug/l

RT: 4.55 min Scan# 568

Delta R.T. 0.01 min

Lab File: VX019564.D

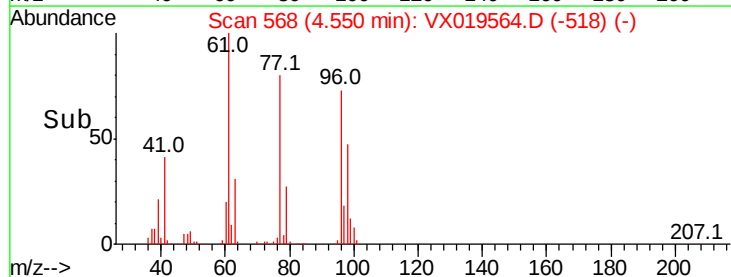
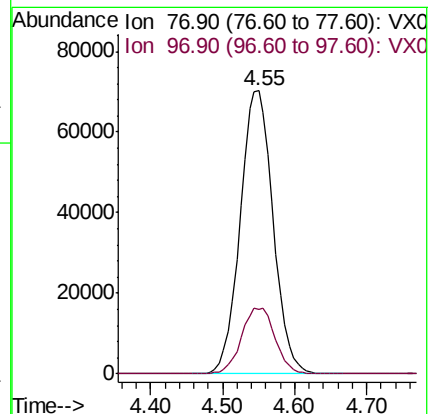
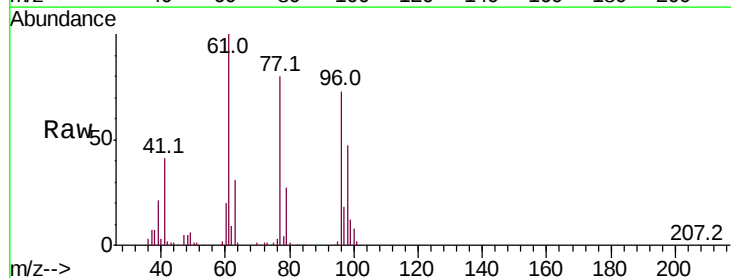
Acq: 23 Nov 2020 20:33

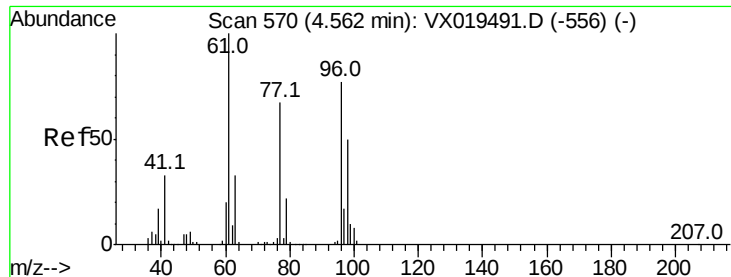
Tgt Ion: 77 Resp: 222335

Ion Ratio Lower Upper

77 100

97 23.9 11.6 34.8



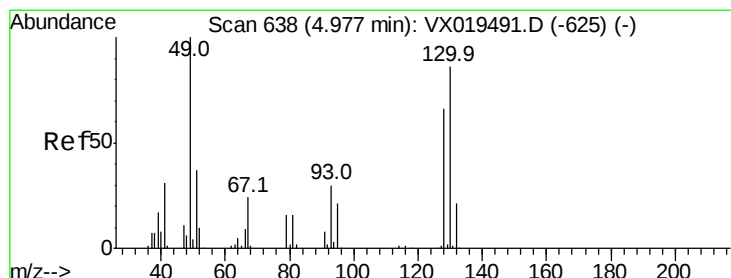
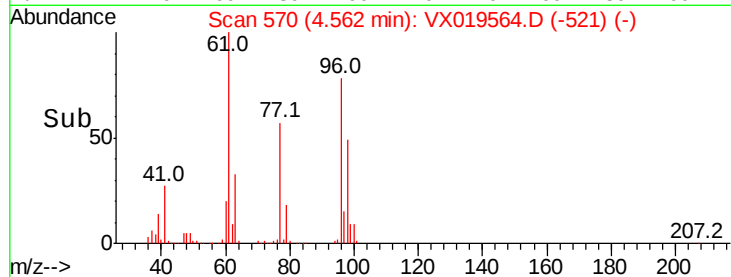
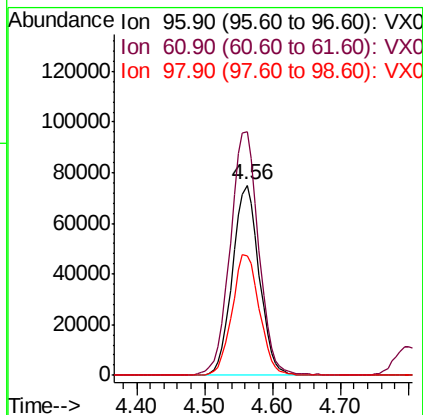
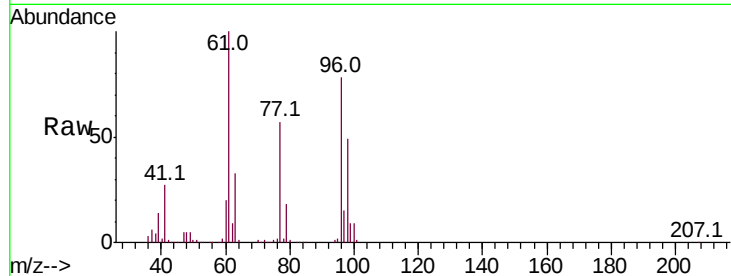


#27

cis-1,2-Dichloroethene
 Concen: 54.880 ug/l
 RT: 4.56 min Scan# 570
 Delta R.T. -0.00 min
 Lab File: VX019564.D
 Acq: 23 Nov 2020 20:33

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

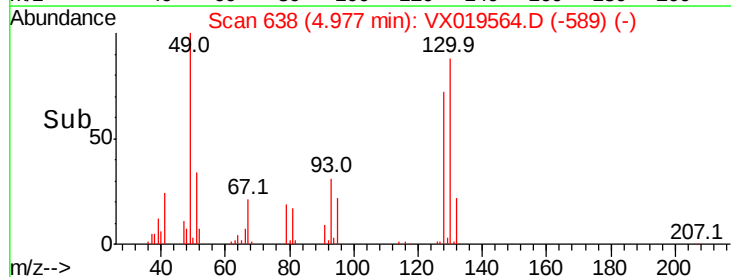
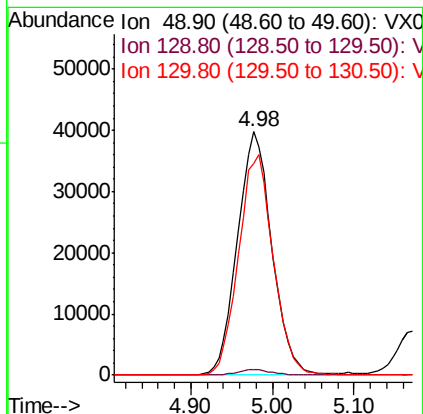
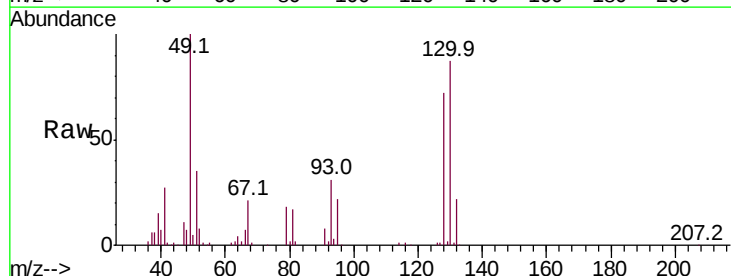
Tot Ion	96	Resp	205117
Ion	Ratio	Lower	Upper
96	100		
61	136.6	0.0	279.2
98	65.1	0.0	129.8

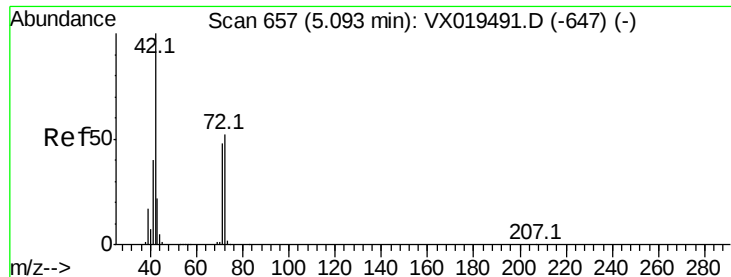


#28

Bromochloromethane
 Concen: 42.871 ug/l
 RT: 4.98 min Scan# 638
 Delta R.T. -0.00 min
 Lab File: VX019564.D
 Acq: 23 Nov 2020 20:33

Tgt Ion	49	Resp	116678
Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	4.2
130	91.4	69.0	103.6





#29

Tetrahydrofuran

Concen: 246.801 ug/l

RT: 5.09 min Scan# 657

Delta R.T. -0.00 min

Lab File: VX019564.D

Acq: 23 Nov 2020 20:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

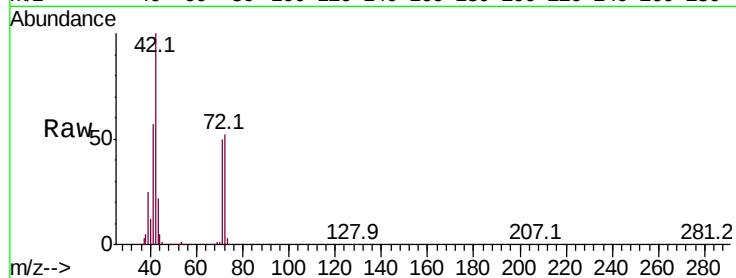
Tot Ion: 42 Resp: 343097

Ion Ratio Lower Upper

42 100

72 54.2 42.6 63.8

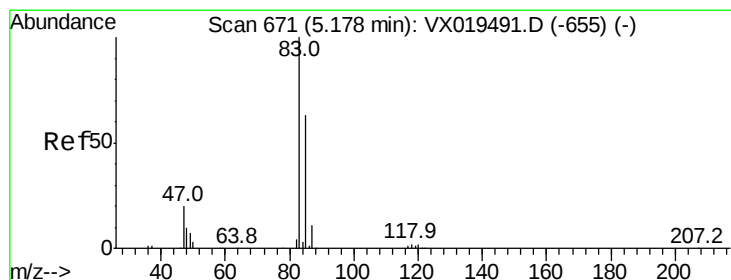
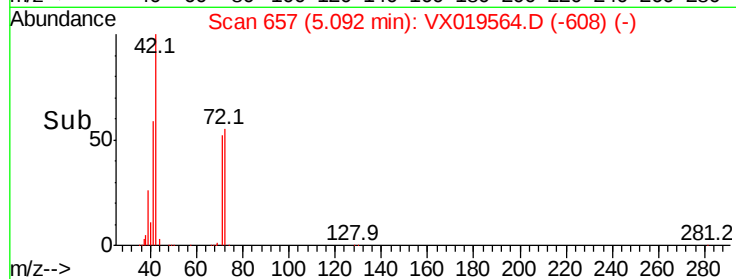
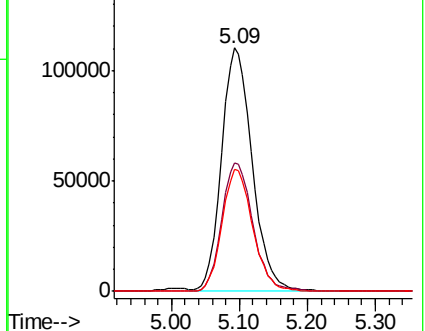
71 50.4 39.0 58.6



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 49.966 ug/l

RT: 5.17 min Scan# 670

Delta R.T. -0.01 min

Lab File: VX019564.D

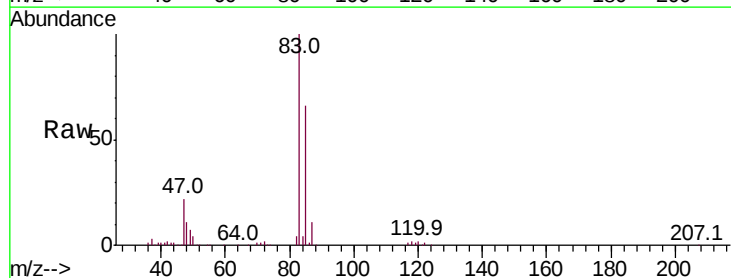
Acq: 23 Nov 2020 20:33

Tgt Ion: 83 Resp: 297419

Ion Ratio Lower Upper

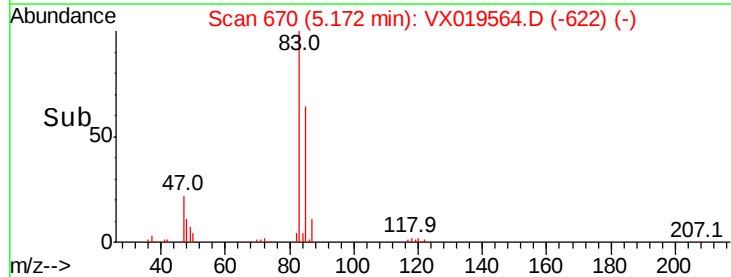
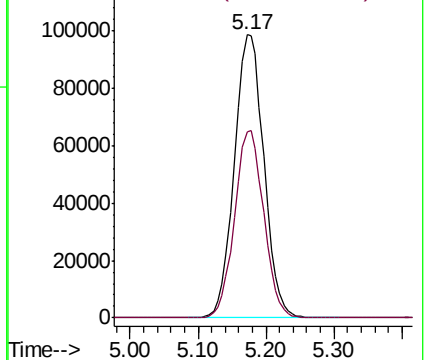
83 100

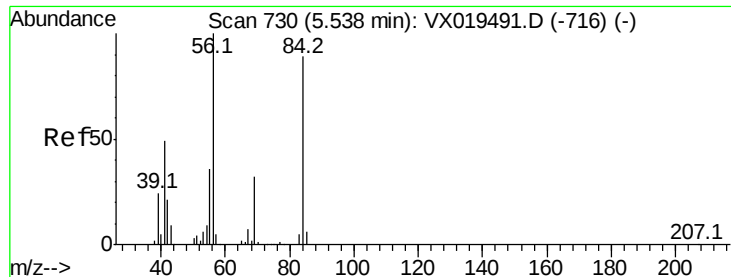
85 65.8 50.5 75.7



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

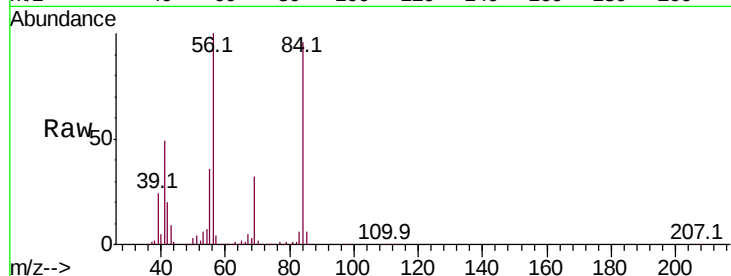




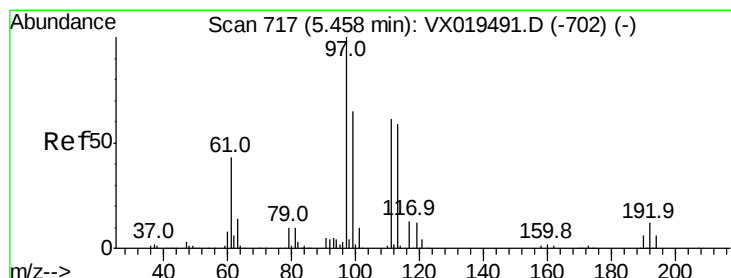
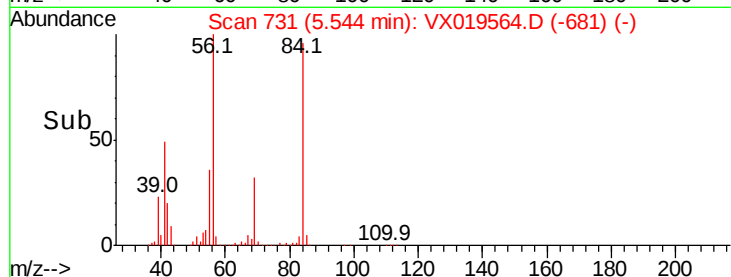
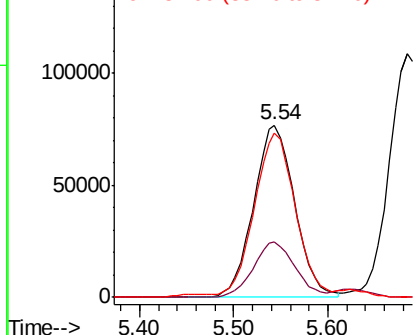
#31
Cyclohexane
Concen: 48.085 ug/l
RT: 5.54 min Scan# 731
Delta R.T. 0.01 min
Lab File: VX019564.D
Acq: 23 Nov 2020 20:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 56 Resp: 234563
Ion Ratio Lower Upper
56 100
69 32.1 25.5 38.3
84 93.8 71.1 106.7

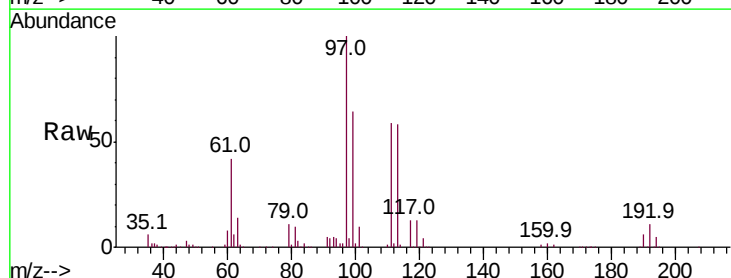


Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0

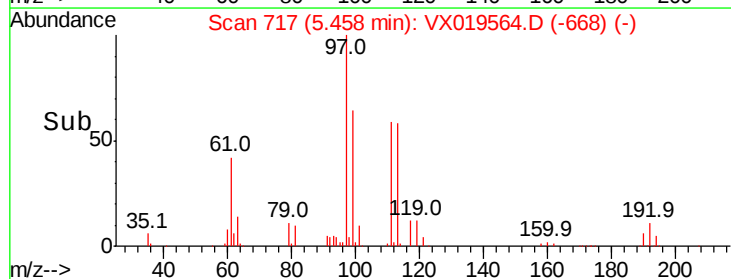
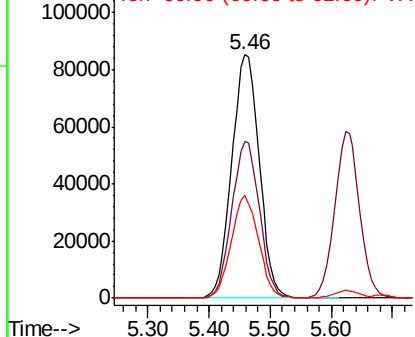


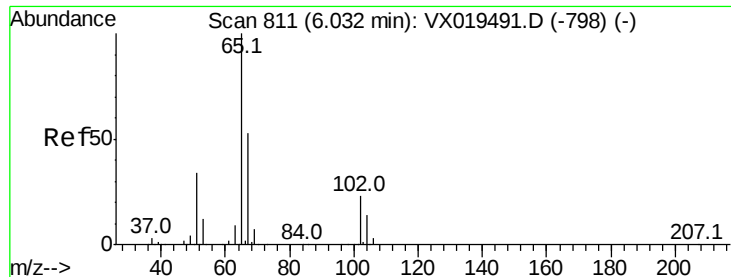
#32
1,1,1-Trichloroethane
Concen: 51.546 ug/l
RT: 5.46 min Scan# 717
Delta R.T. -0.00 min
Lab File: VX019564.D
Acq: 23 Nov 2020 20:33

Tgt Ion: 97 Resp: 263563
Ion Ratio Lower Upper
97 100
99 64.4 51.4 77.0
61 41.8 34.2 51.2



Abundance Ion 96.90 (96.60 to 97.60): VX0
Ion 98.90 (98.60 to 99.60): VX0
Ion 60.90 (60.60 to 61.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 47.907 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX019564.D

Acq: 23 Nov 2020 20:33

Instrument :

MSVOA_X

ClientSampleId :

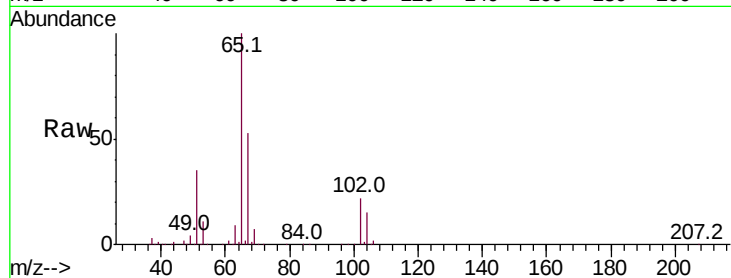
VSTDCCC050EC

Tot Ion: 65 Resp: 179679

Ion Ratio Lower Upper

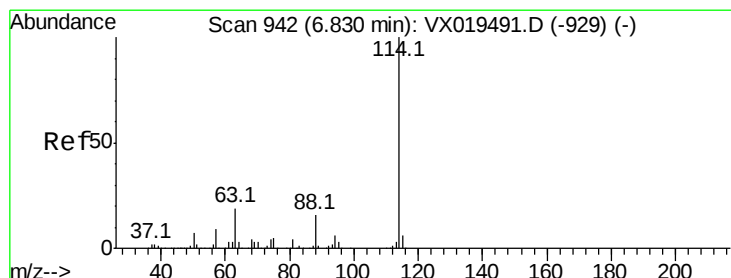
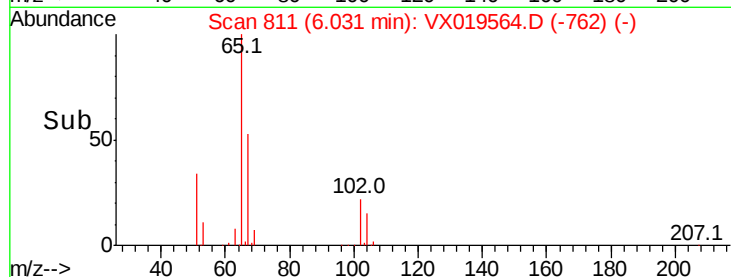
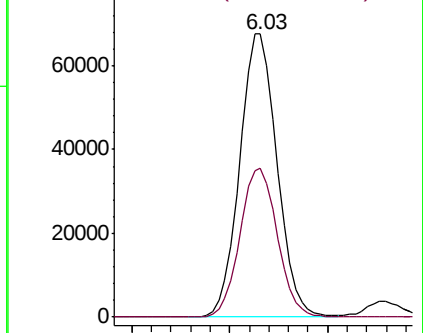
65 100

67 52.8 0.0 105.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX019564.D

Acq: 23 Nov 2020 20:33

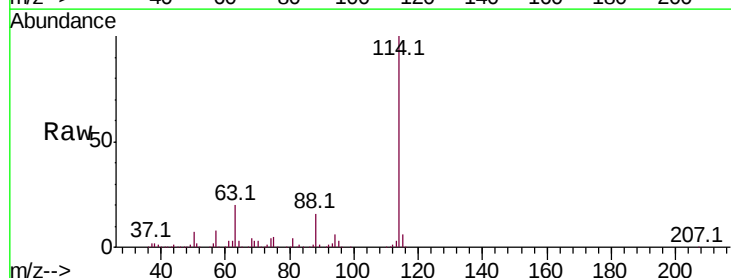
Tgt Ion: 114 Resp: 482000

Ion Ratio Lower Upper

114 100

63 19.9 0.0 38.8

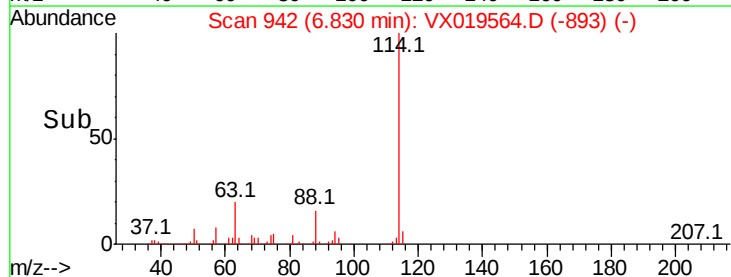
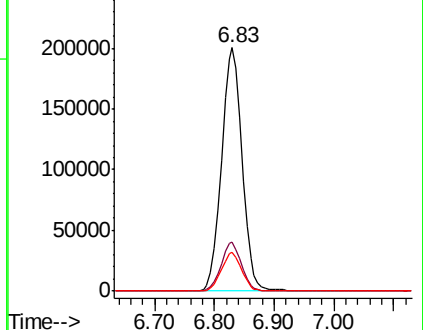
88 16.0 0.0 31.6

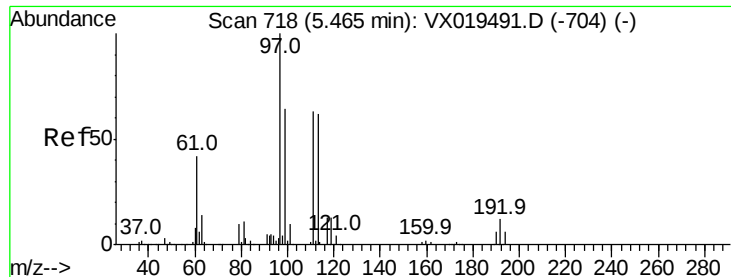


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 49.283 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX019564.D

Acq: 23 Nov 2020 20:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

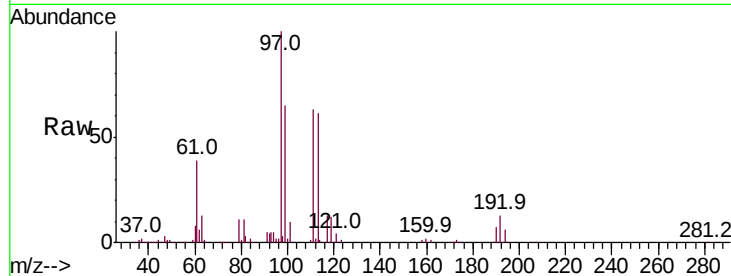
Tot Ion:113 Resp: 149106

Ion Ratio Lower Upper

113 100

111 101.4 81.5 122.3

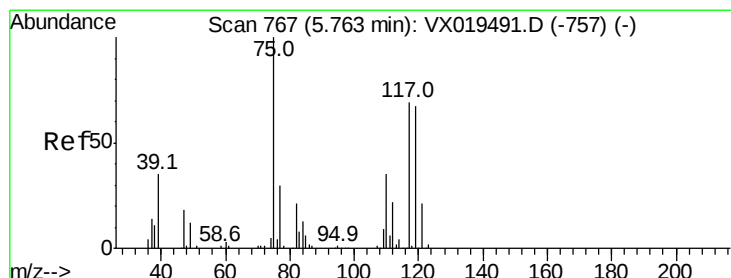
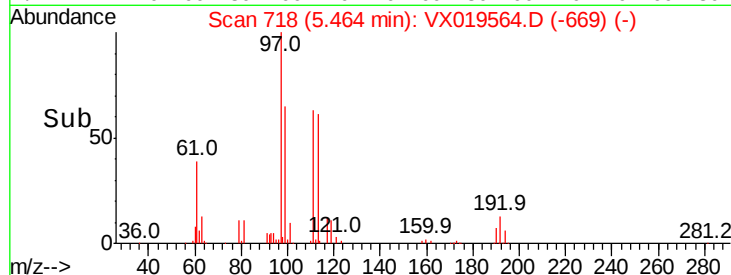
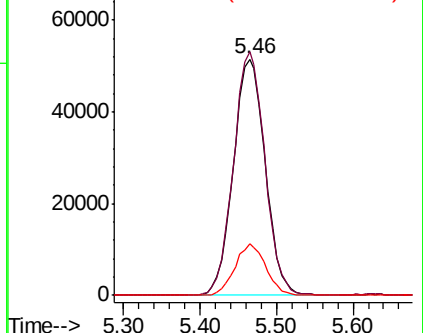
192 20.9 16.2 24.2



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 48.221 ug/l

RT: 5.76 min Scan# 767

Delta R.T. -0.00 min

Lab File: VX019564.D

Acq: 23 Nov 2020 20:33

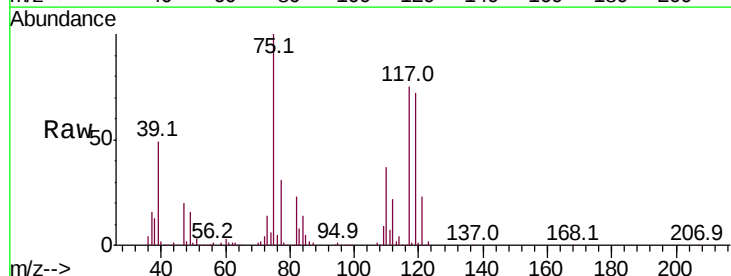
Tgt Ion: 75 Resp: 217899

Ion Ratio Lower Upper

75 100

110 37.0 18.1 54.3

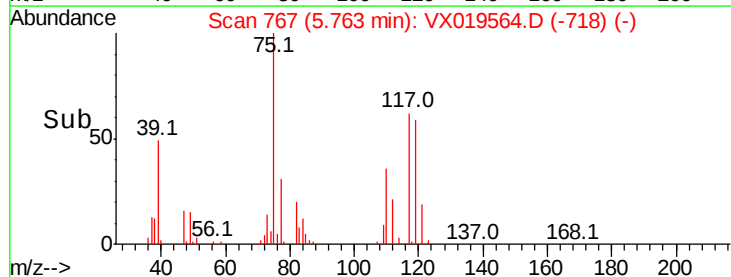
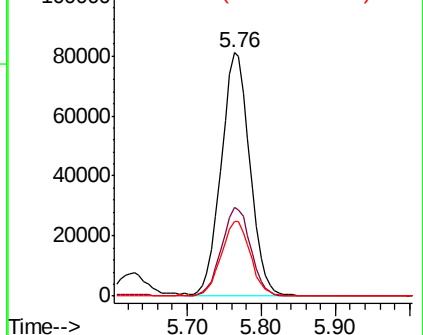
77 31.3 24.2 36.4

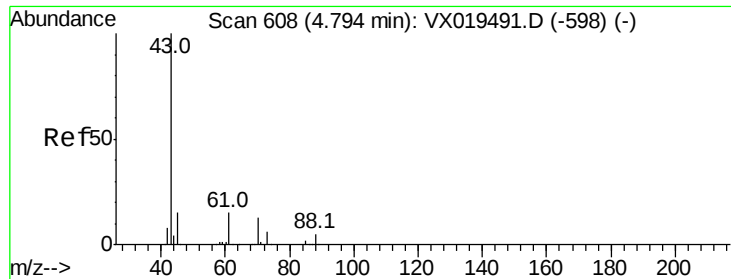


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 50.077 ug/l

RT: 4.80 min Scan# 609

Delta R.T. 0.01 min

Lab File: VX019564.D

Acq: 23 Nov 2020 20:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

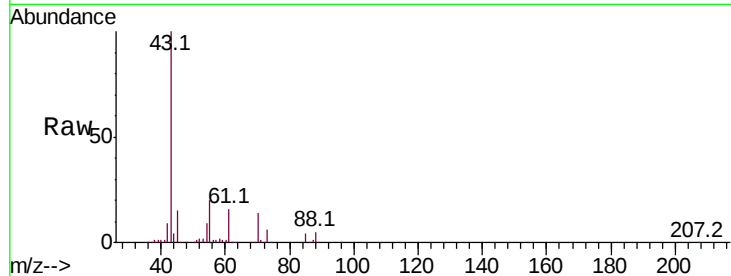
Tot Ion: 43 Resp: 212434

Ion Ratio Lower Upper

43 100

61 16.0 12.7 19.1

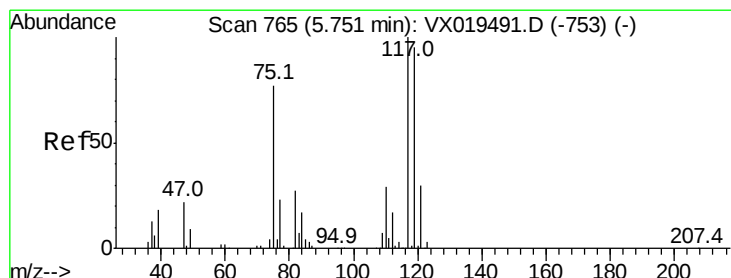
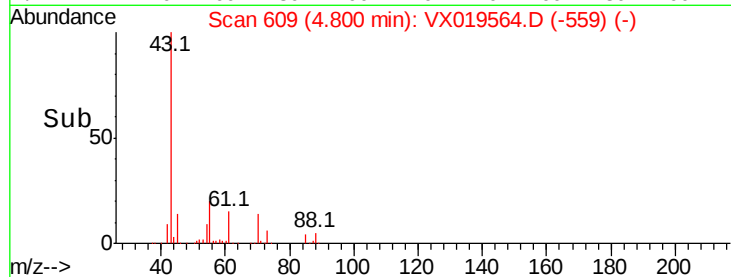
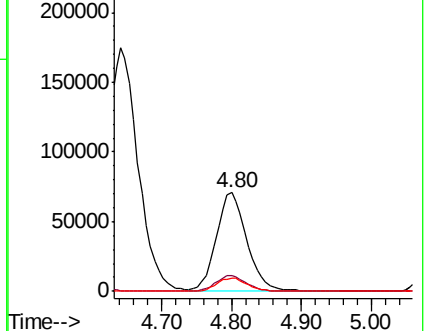
70 13.4 10.2 15.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0



#38

Carbon Tetrachloride

Concen: 51.253 ug/l

RT: 5.75 min Scan# 765

Delta R.T. -0.00 min

Lab File: VX019564.D

Acq: 23 Nov 2020 20:33

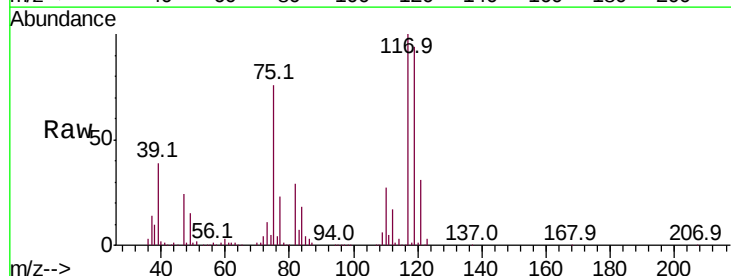
Tgt Ion: 117 Resp: 224171

Ion Ratio Lower Upper

117 100

119 94.2 75.9 113.9

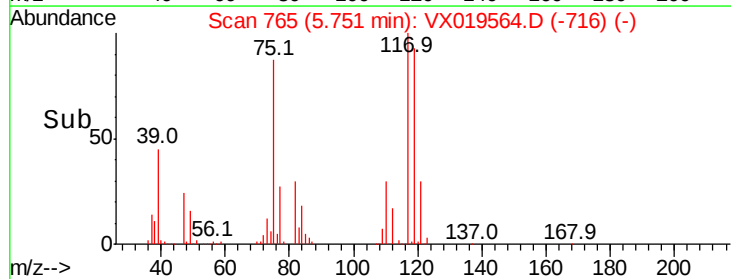
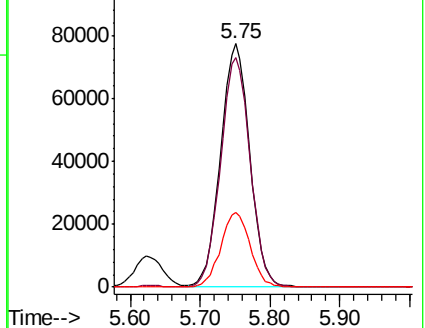
121 30.5 24.0 36.0

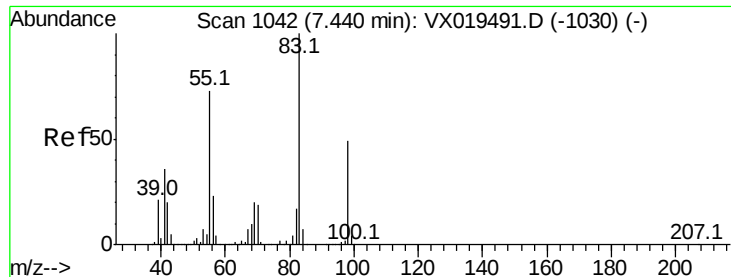


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

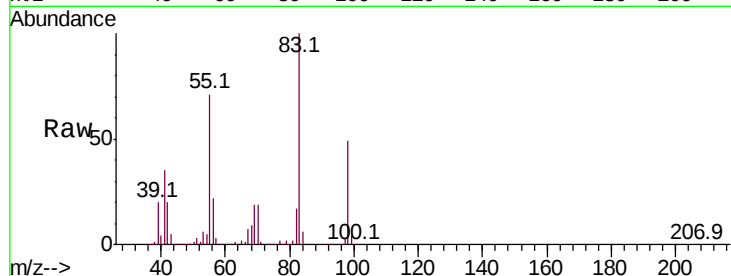




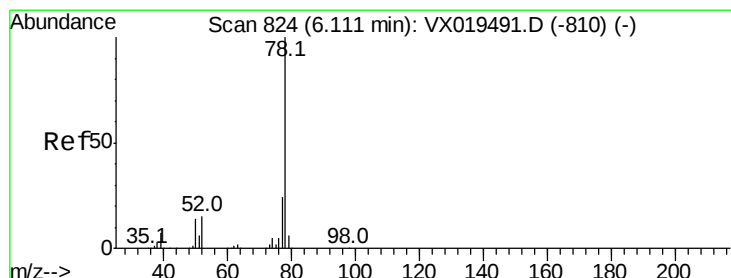
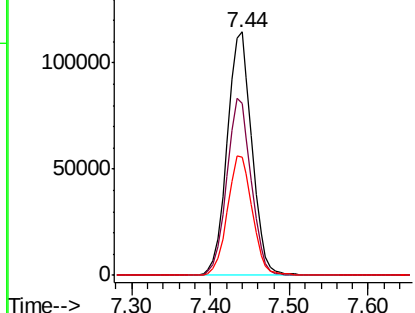
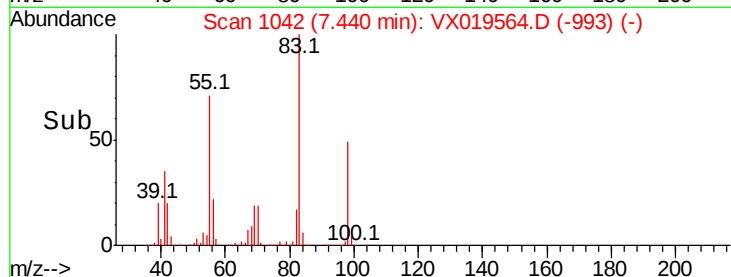
#39
Methvlcvclohexane
Concen: 47.461 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX019564.D
Acq: 23 Nov 2020 20:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	83	Resp	249711
Ion Ratio	Lower	Upper	
83	100		
55	70.7	58.3	87.5
98	48.8	38.9	58.3

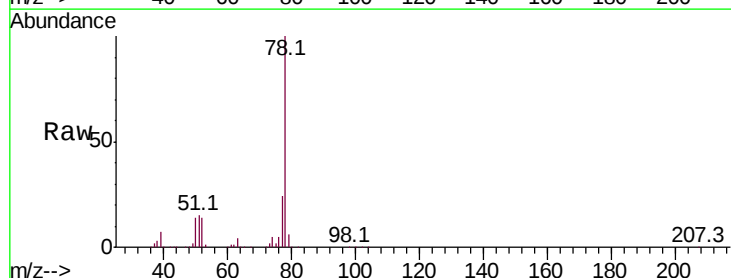


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

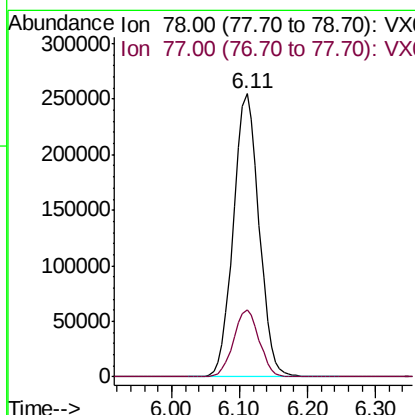
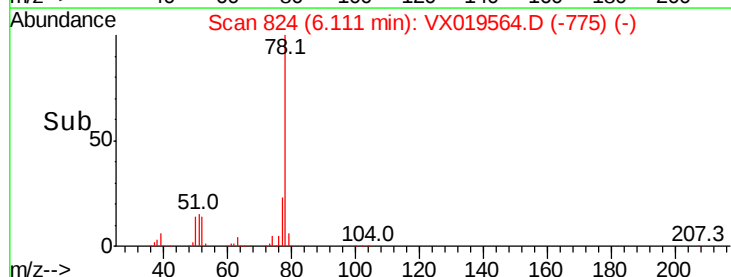


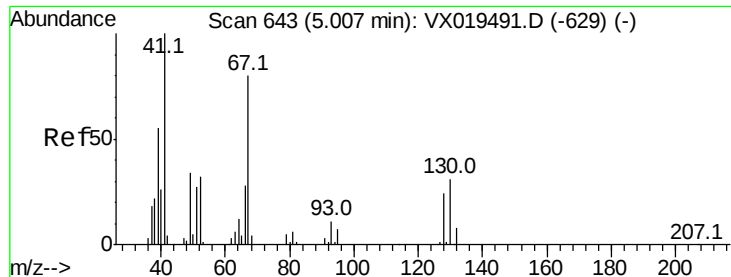
#40
Benzene
Concen: 48.169 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.00 min
Lab File: VX019564.D
Acq: 23 Nov 2020 20:33

Tgt Ion	78	Resp	668773
Ion Ratio	Lower	Upper	
78	100		
77	23.6	18.9	28.3



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0

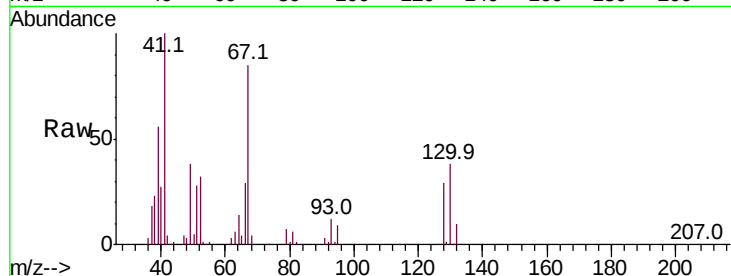




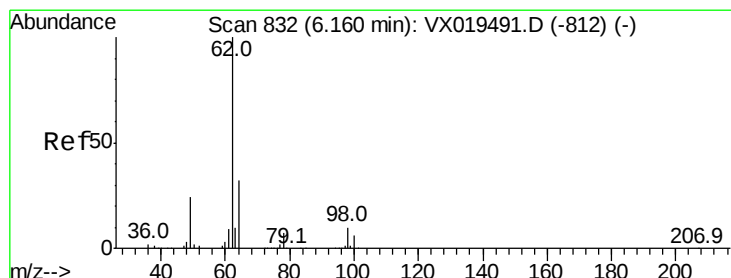
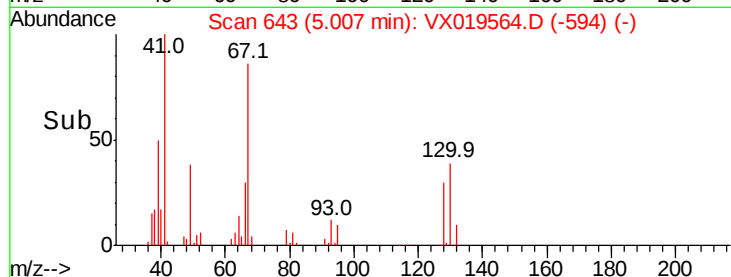
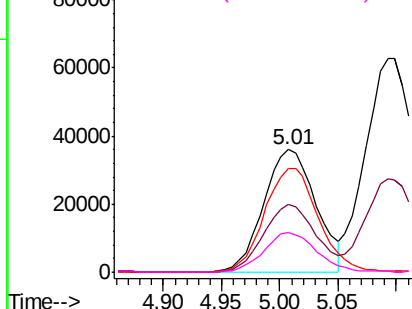
#41
Methacrylonitrile
Concen: 48.081 ug/l
RT: 5.01 min Scan# 643
Delta R.T. -0.00 min
Lab File: VX019564.D
Acq: 23 Nov 2020 20:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 41 Resp: 112478
Ion Ratio Lower Upper
41 100
39 54.8 43.3 64.9
67 87.6 66.0 99.0
52 33.2 25.4 38.2

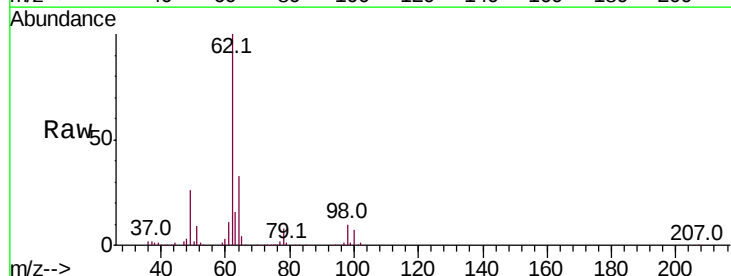


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

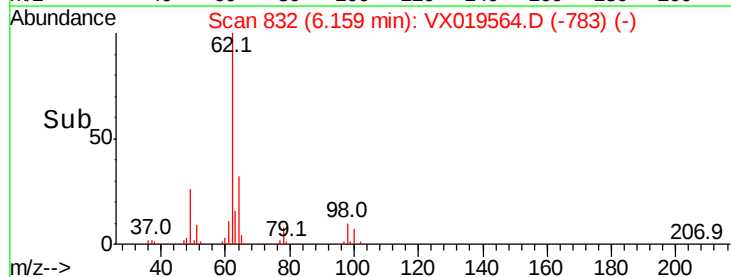
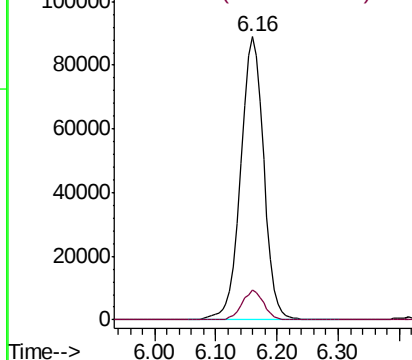


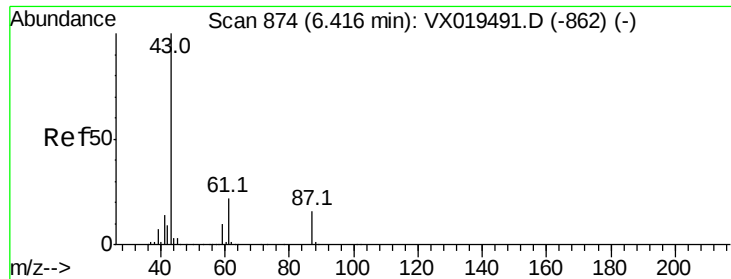
#42
1,2-Dichloroethane
Concen: 48.896 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.00 min
Lab File: VX019564.D
Acq: 23 Nov 2020 20:33

Tgt Ion: 62 Resp: 232685
Ion Ratio Lower Upper
62 100
98 9.9 0.0 20.0



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 48.877 ug/l

RT: 6.42 min Scan# 874

Delta R.T. -0.00 min

Lab File: VX019564.D

Acq: 23 Nov 2020 20:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

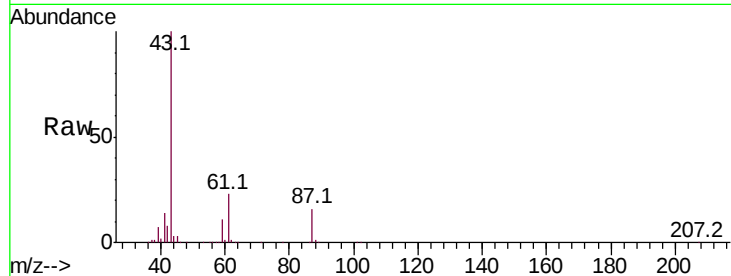
Tot Ion: 43 Resp: 348546

Ion Ratio Lower Upper

43 100

61 22.9 18.2 27.2

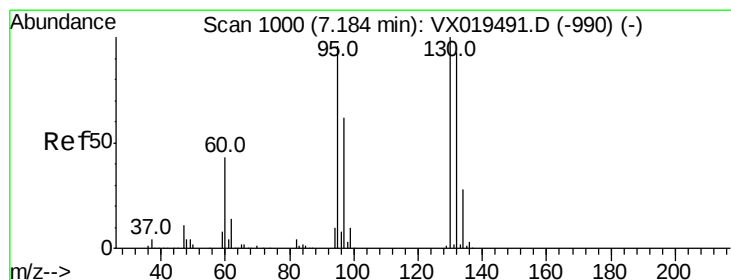
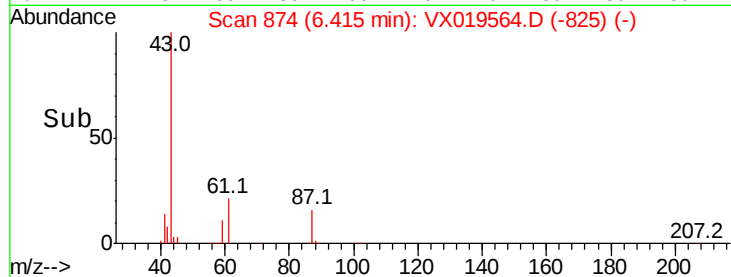
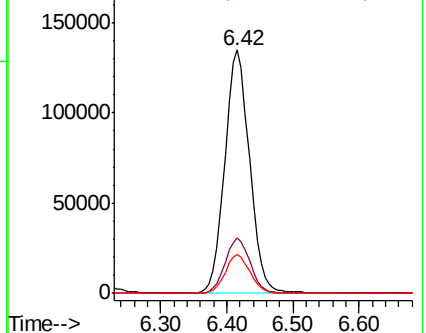
87 16.0 12.6 18.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 84.397 ug/l

RT: 7.18 min Scan# 1000

Delta R.T. -0.00 min

Lab File: VX019564.D

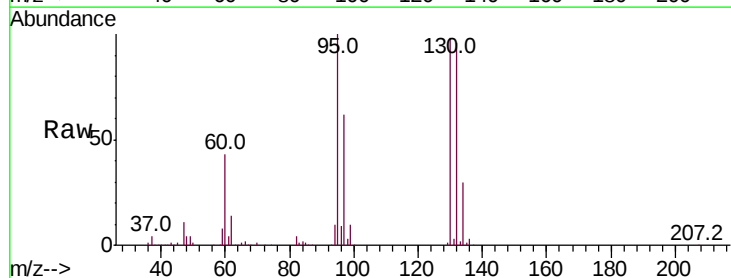
Acq: 23 Nov 2020 20:33

Tgt Ion: 130 Resp: 306930

Ion Ratio Lower Upper

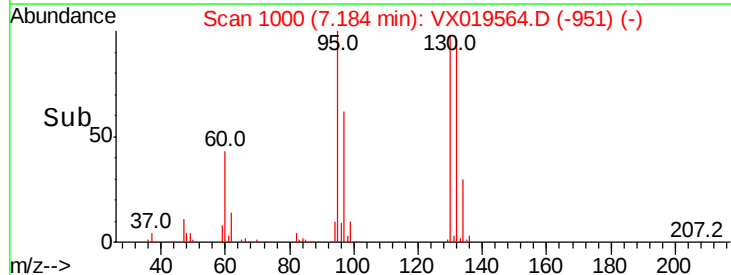
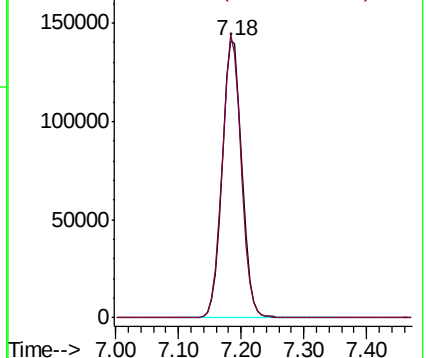
130 100

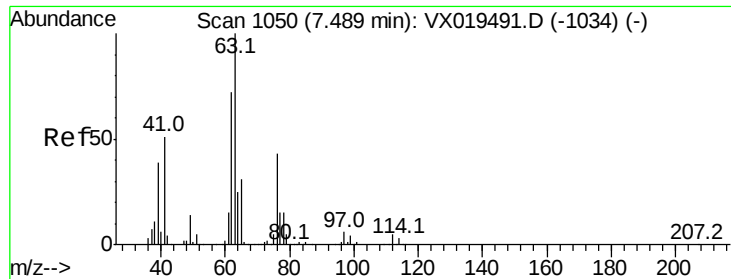
95 102.0 0.0 191.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 48.029 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VX019564.D

Acq: 23 Nov 2020 20:33

Instrument :

MSVOA_X

ClientSampleId :

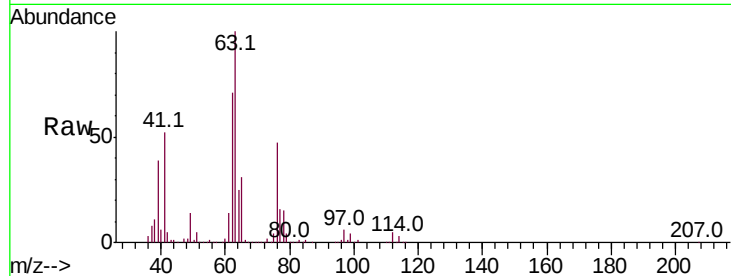
VSTDCCC050EC

Tot Ion: 63 Resp: 164161

Ion Ratio Lower Upper

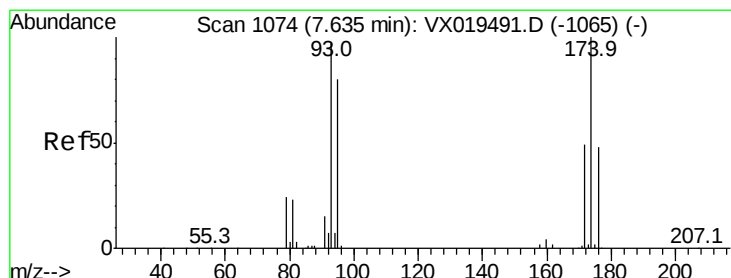
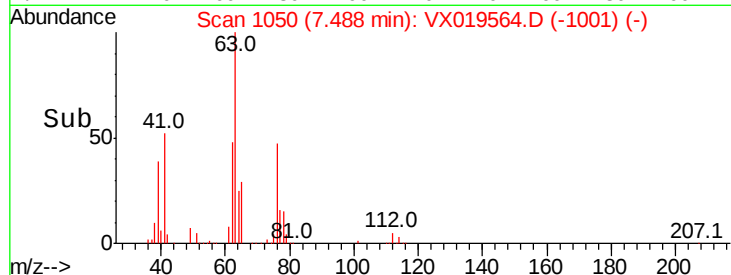
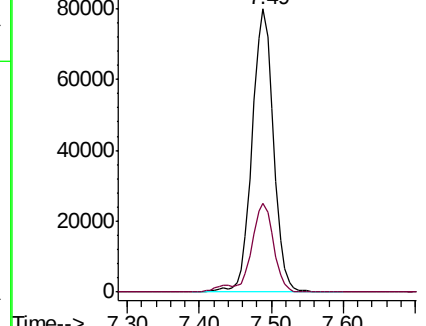
63 100

65 31.3 25.0 37.4



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 49.012 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.00 min

Lab File: VX019564.D

Acq: 23 Nov 2020 20:33

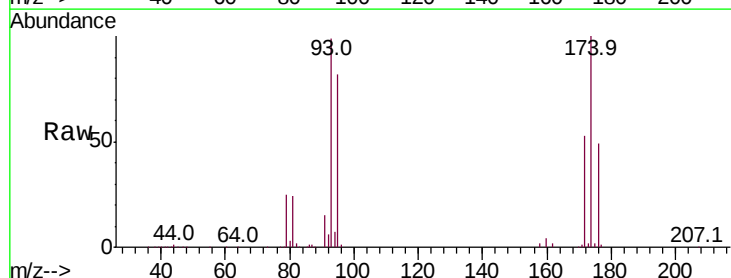
Tgt Ion: 93 Resp: 114656

Ion Ratio Lower Upper

93 100

95 82.8 66.8 100.2

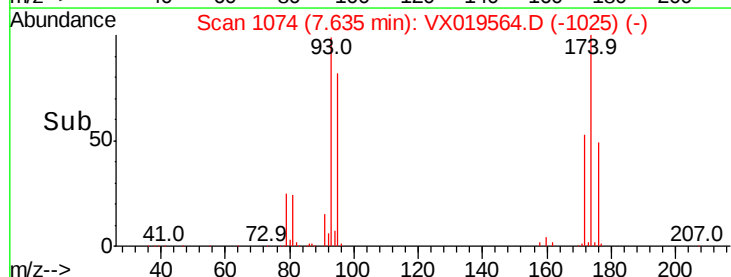
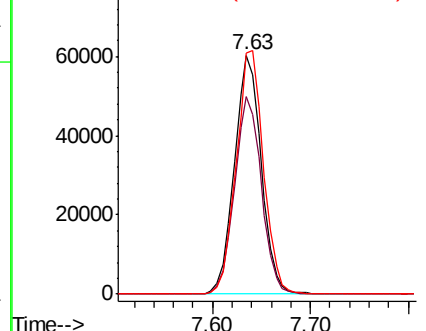
174 103.5 83.0 124.4

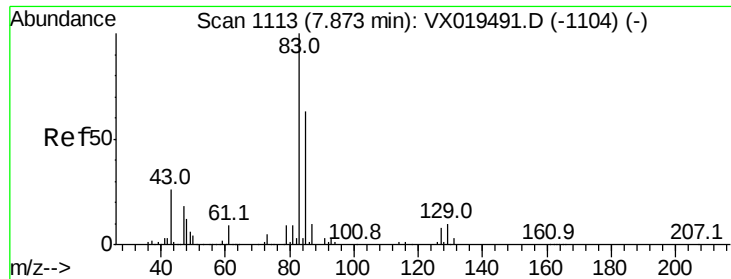


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 50.234 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.00 min

Lab File: VX019564.D

Acq: 23 Nov 2020 20:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

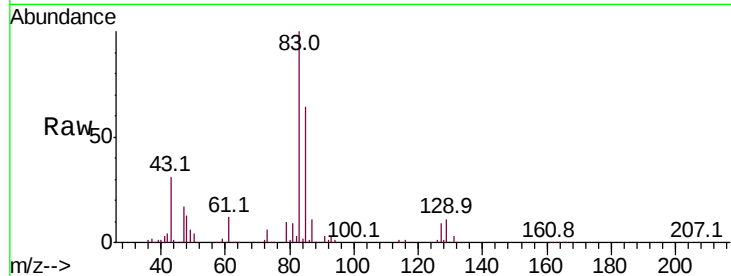
Tot Ion: 83 Resp: 228032

Ion Ratio Lower Upper

83 100

85 64.5 50.2 75.2

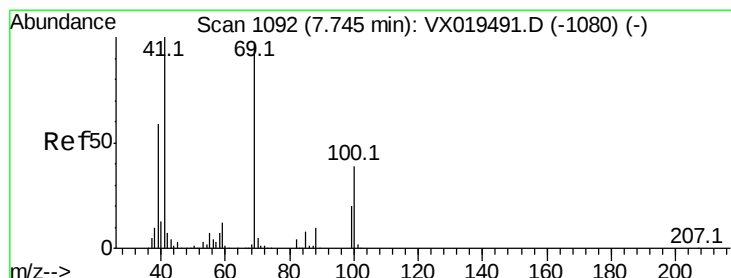
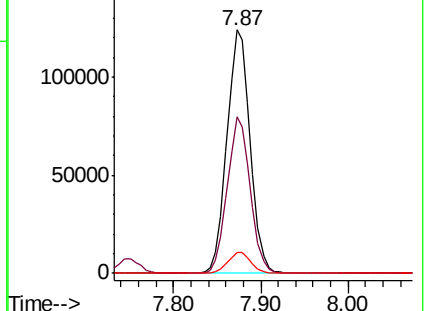
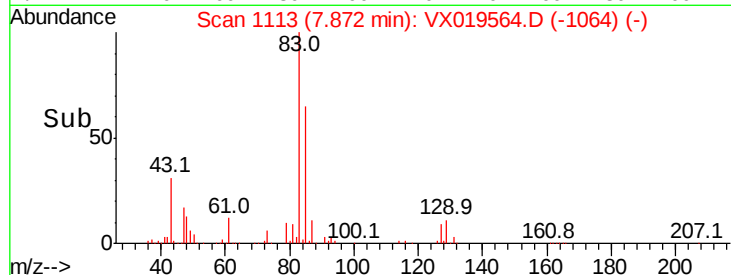
127 8.6 6.4 9.6



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 50.185 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. -0.00 min

Lab File: VX019564.D

Acq: 23 Nov 2020 20:33

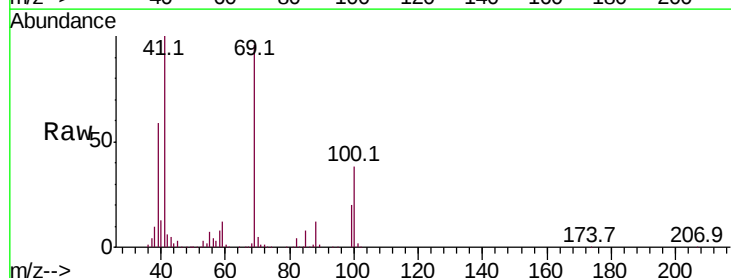
Tgt Ion: 41 Resp: 167603

Ion Ratio Lower Upper

41 100

69 98.0 77.0 115.6

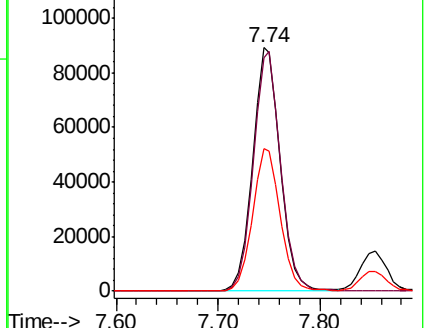
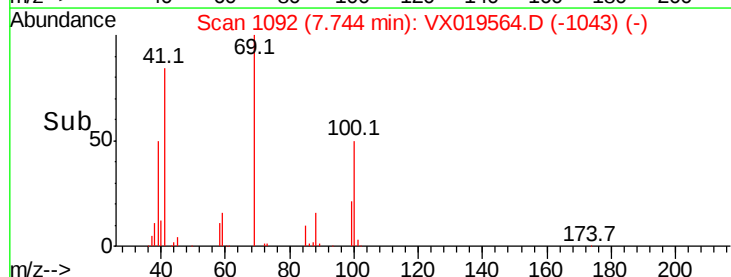
39 58.9 45.6 68.4

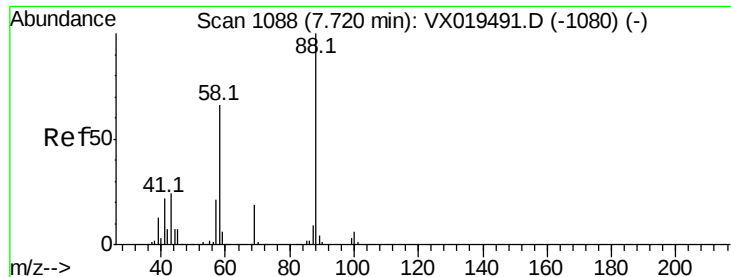


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

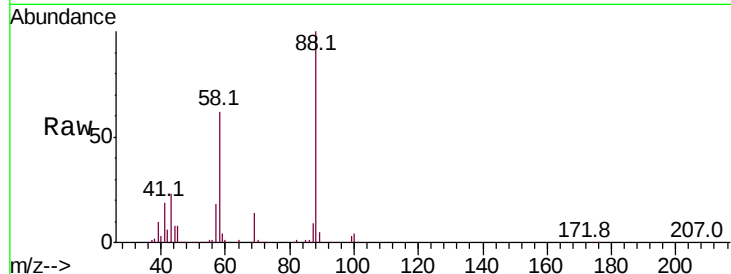




#49
 1,4-Dioxane
 Concen: 1083.362 ug/l
 RT: 7.72 min Scan# 1088
 Delta R.T. -0.00 min
 Lab File: VX019564.D
 Acq: 23 Nov 2020 20:33

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	88	Resp	82150
Ion	Ratio	Lower	Upper
88	100		
43	27.2	23.8	35.6
58	65.4	54.2	81.2

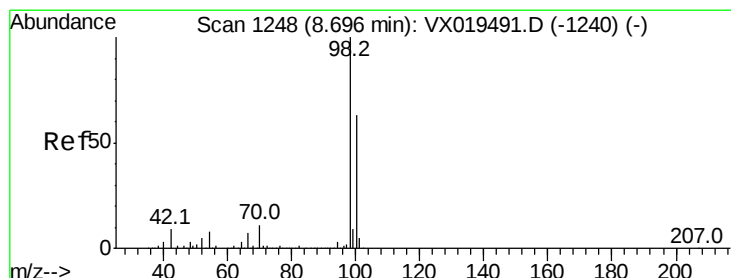
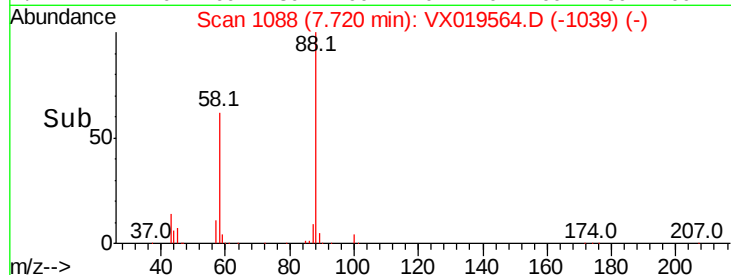
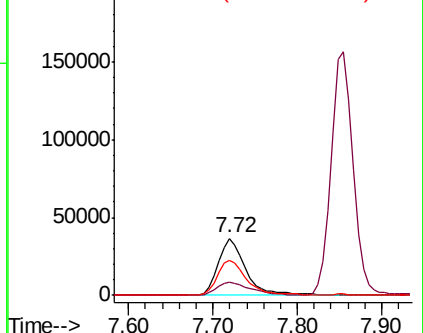


Abundance

Ion 88.00 (87.70 to 88.70): VX0

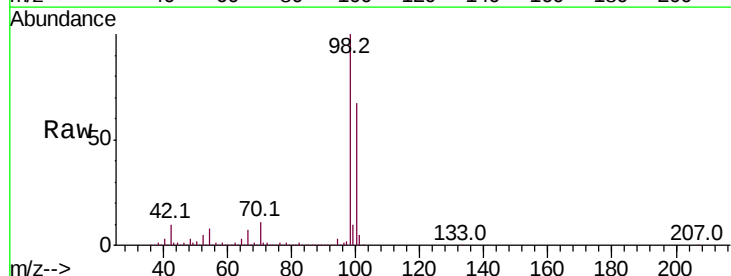
Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50
 Toluene-d8
 Concen: 46.970 ug/l
 RT: 8.70 min Scan# 1248
 Delta R.T. -0.00 min
 Lab File: VX019564.D
 Acq: 23 Nov 2020 20:33

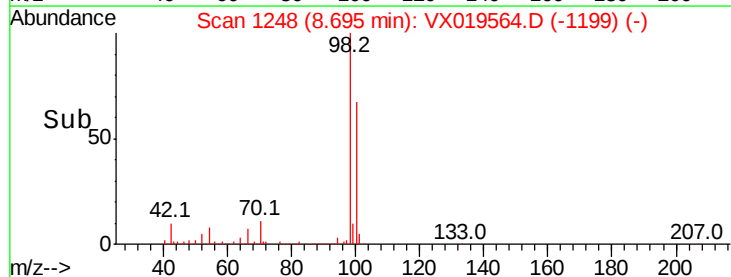
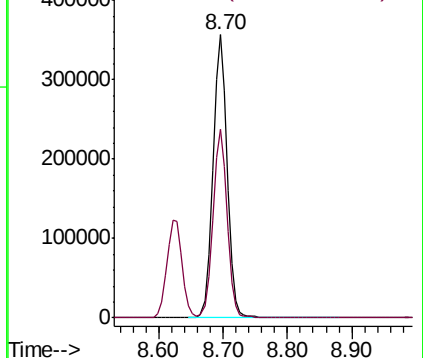
Tgt Ion	98	Resp	552218
Ion	Ratio	Lower	Upper
98	100		
100	66.8	52.4	78.6

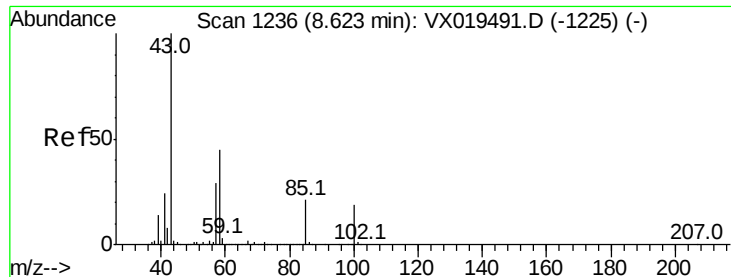


Abundance

Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 251.780 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VX019564.D

Acq: 23 Nov 2020 20:33

Instrument :

MSVOA_X

ClientSampleId :

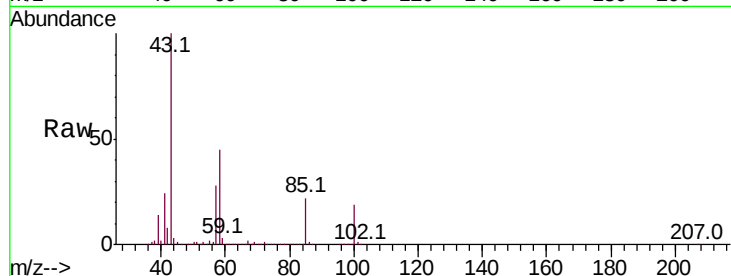
VSTDCCC050EC

Tot Ion: 43 Resp: 1046995

Ion Ratio Lower Upper

43 100

58 44.7 35.1 52.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.62

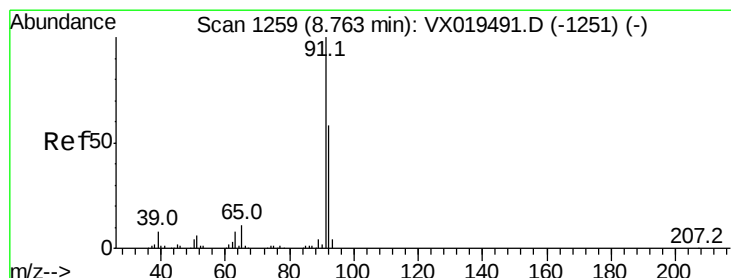
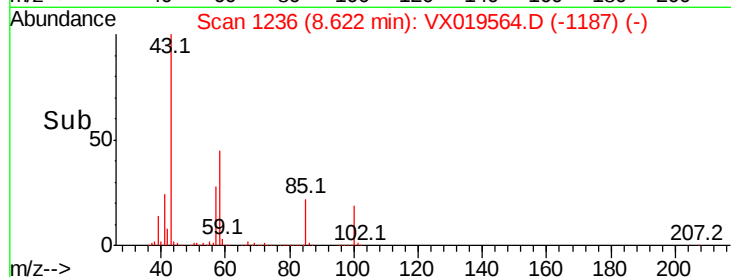
600000

400000

200000

0

Time--> 8.50 8.60 8.70



#52

Toluene

Concen: 48.303 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.00 min

Lab File: VX019564.D

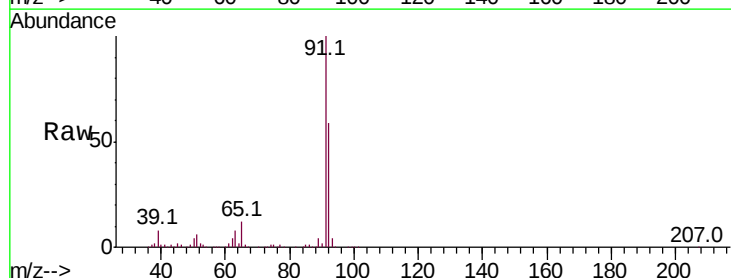
Acq: 23 Nov 2020 20:33

Tgt Ion: 92 Resp: 410264

Ion Ratio Lower Upper

92 100

91 171.4 138.1 207.1



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.76

500000

400000

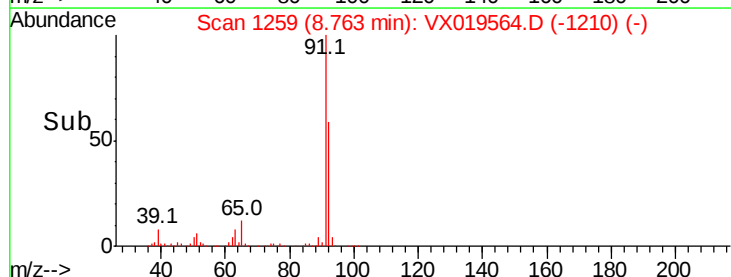
300000

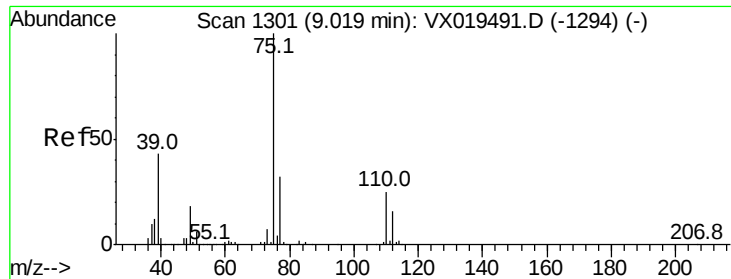
200000

100000

0

Time--> 8.70 8.80 8.90

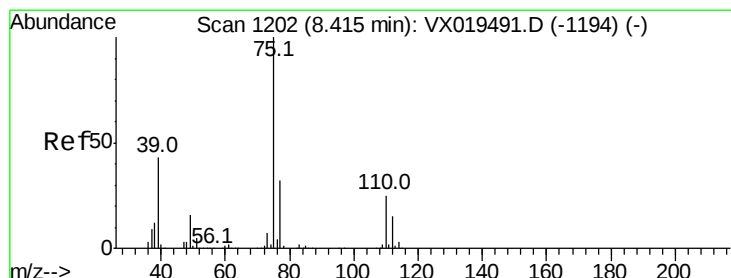
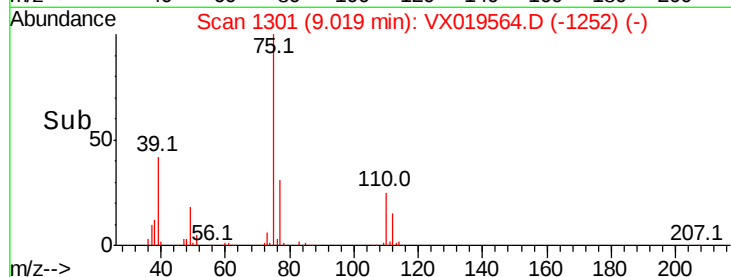
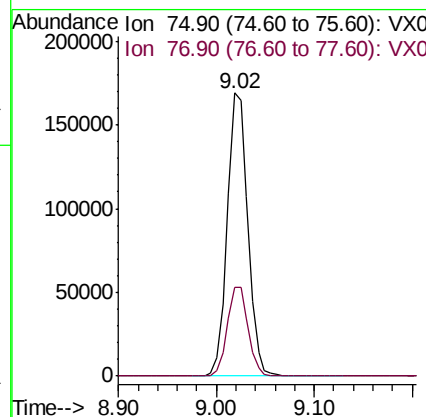
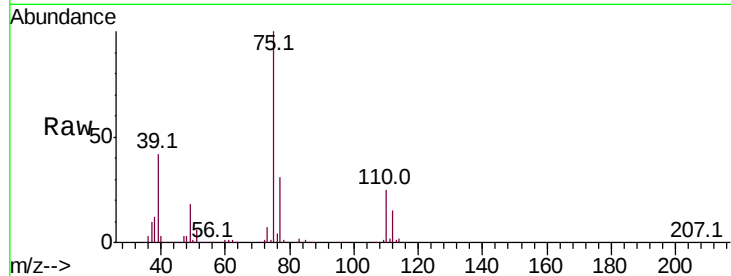




#53
 t-1,3-Dichloropropene
 Concen: 50.324 ug/l
 RT: 9.02 min Scan# 1301
 Delta R.T. -0.00 min
 Lab File: VX019564.D
 Acq: 23 Nov 2020 20:33

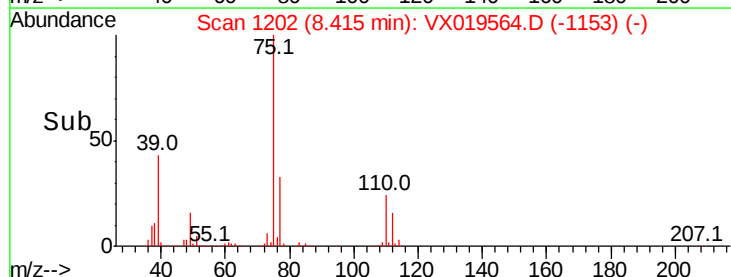
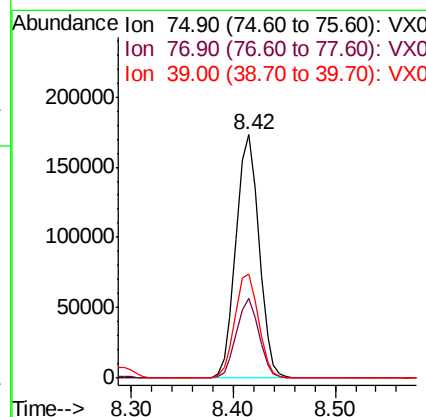
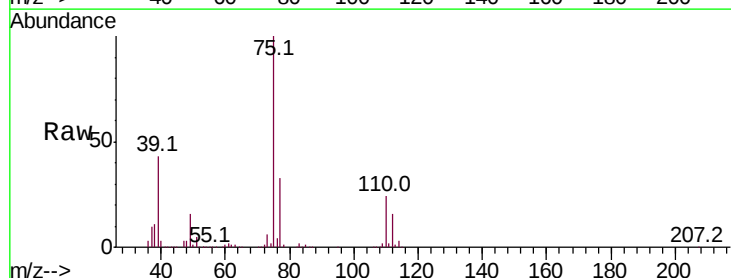
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

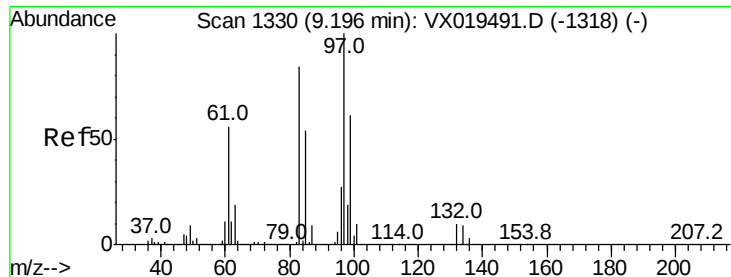
Tot Ion: 75 Resp: 246710
 Ion Ratio Lower Upper
 75 100
 77 31.4 25.3 37.9



#54
 cis-1,3-Dichloropropene
 Concen: 49.701 ug/l
 RT: 8.42 min Scan# 1202
 Delta R.T. -0.00 min
 Lab File: VX019564.D
 Acq: 23 Nov 2020 20:33

Tgt Ion: 75 Resp: 270399
 Ion Ratio Lower Upper
 75 100
 77 33.0 25.8 38.6
 39 42.9 34.6 51.8

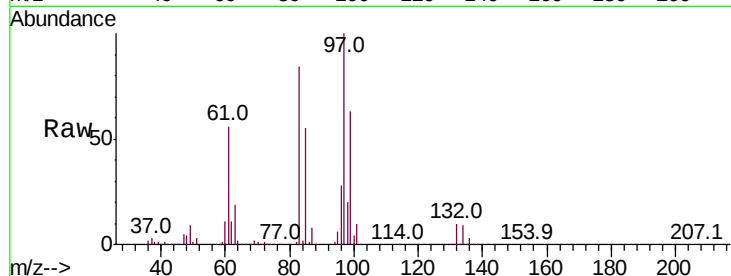




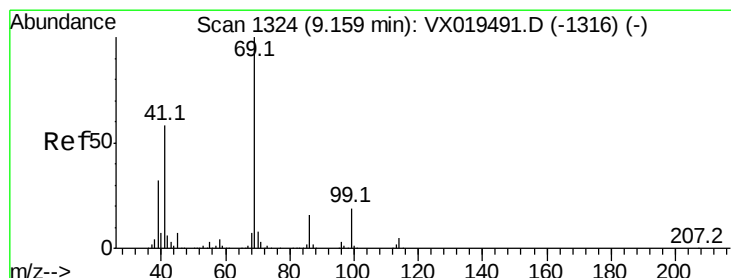
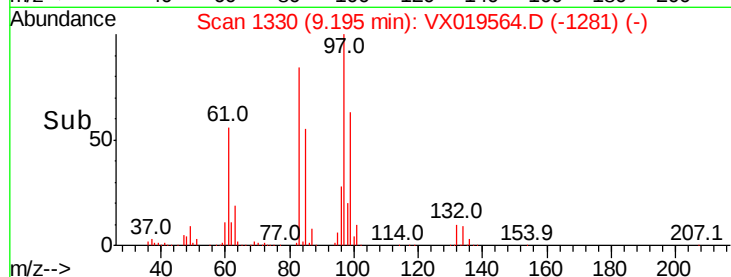
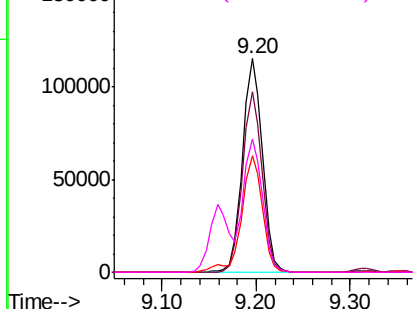
#55
1,1,2-Trichloroethane
Concen: 49.055 ug/l
RT: 9.20 min Scan# 1330
Delta R.T. -0.00 min
Lab File: VX019564.D
Acq: 23 Nov 2020 20:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 97 Resp: 169686
Ion Ratio Lower Upper
97 100
83 84.2 67.0 100.6
85 54.7 43.4 65.0
99 62.5 49.0 73.4

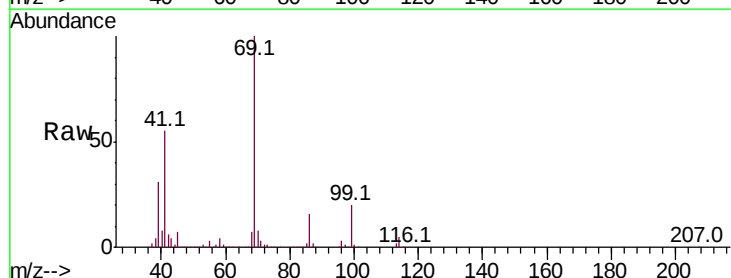


Abundance Ion 96.90 (96.60 to 97.60): VX0
Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 98.90 (98.60 to 99.60): VX0

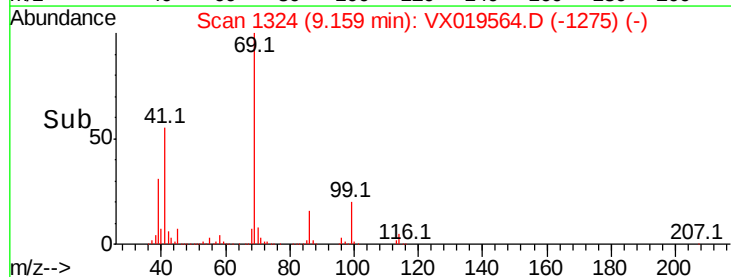
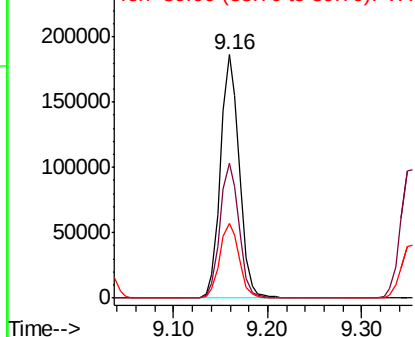


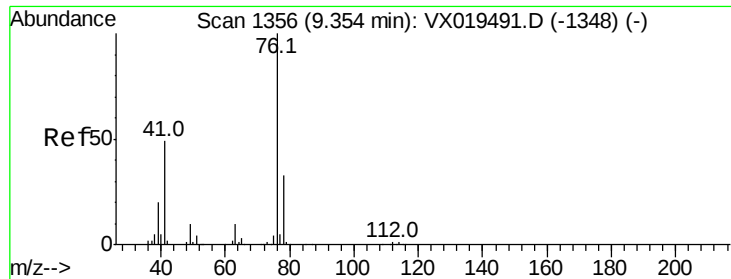
#56
Ethyl methacrylate
Concen: 52.648 ug/l
RT: 9.16 min Scan# 1324
Delta R.T. -0.00 min
Lab File: VX019564.D
Acq: 23 Nov 2020 20:33

Tgt Ion: 69 Resp: 257691
Ion Ratio Lower Upper
69 100
41 56.0 46.2 69.2
39 31.9 25.5 38.3



Abundance Ion 69.00 (68.70 to 69.70): VX0
Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 48.723 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX019564.D

Acq: 23 Nov 2020 20:33

Instrument :

MSVOA_X

ClientSampleId :

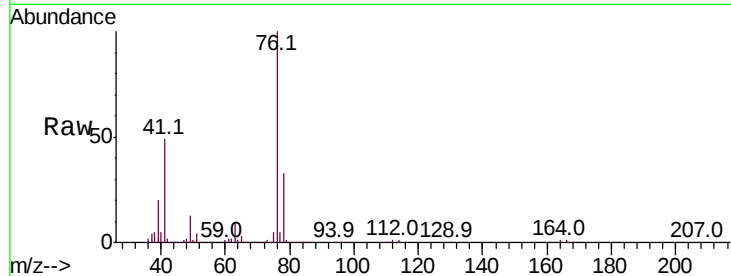
VSTDCCC050EC

Tot Ion: 76 Resp: 282167

Ion Ratio Lower Upper

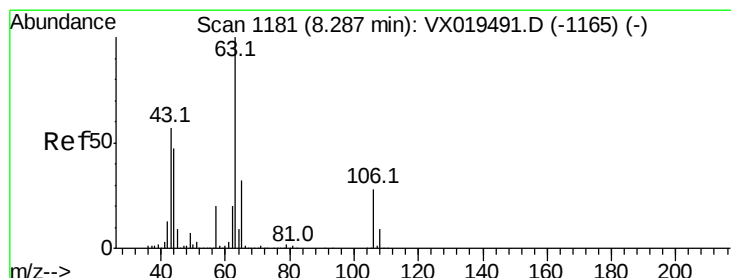
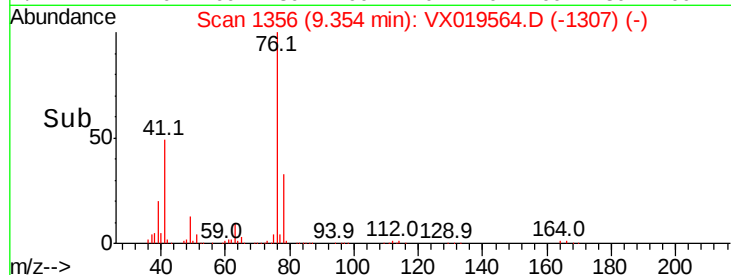
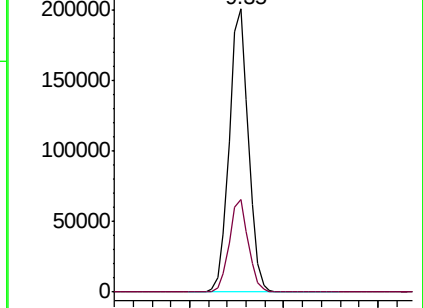
76 100

78 32.5 25.7 38.5



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 234.064 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. 0.01 min

Lab File: VX019564.D

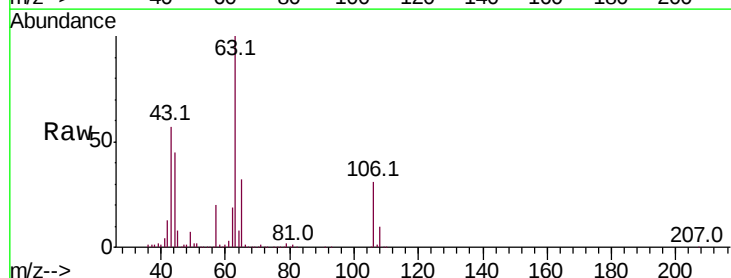
Acq: 23 Nov 2020 20:33

Tgt Ion: 63 Resp: 671302

Ion Ratio Lower Upper

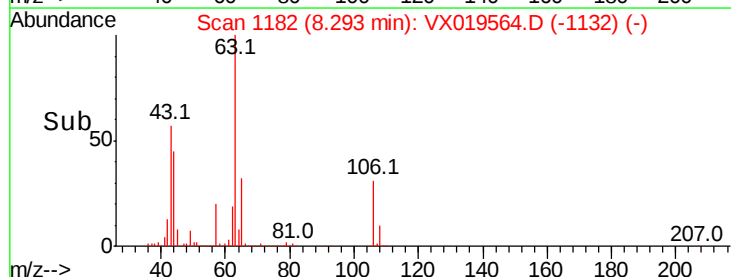
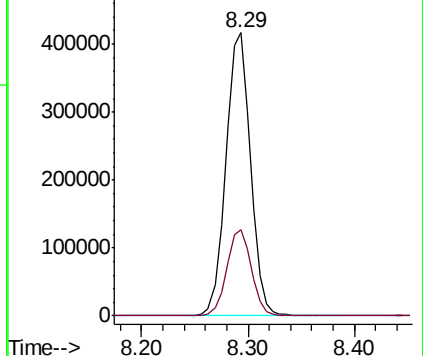
63 100

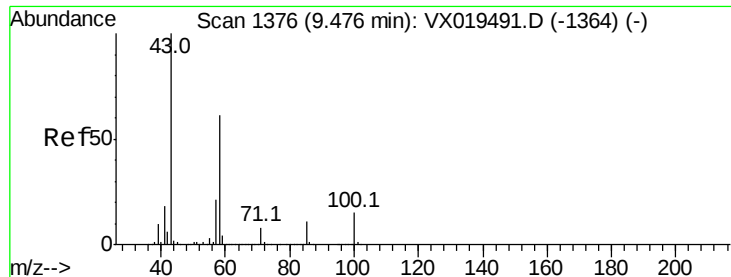
106 30.7 23.7 35.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

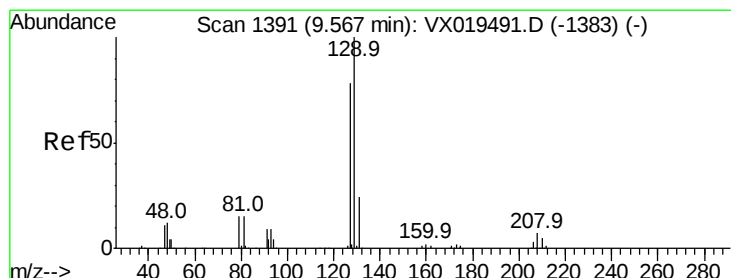
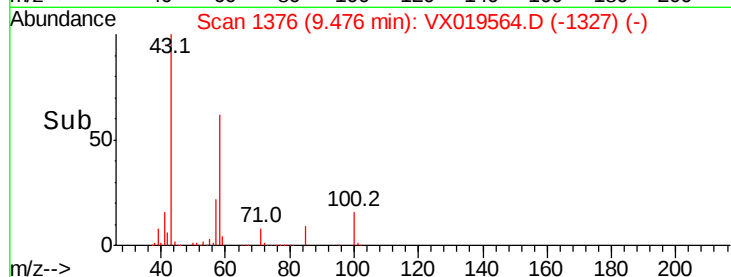
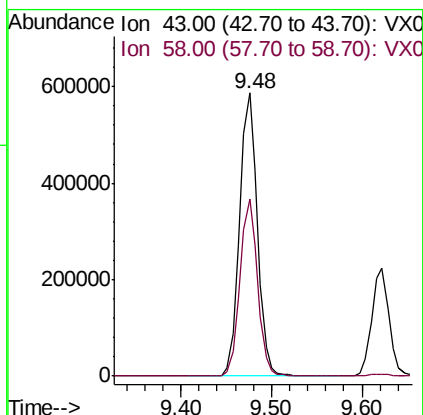
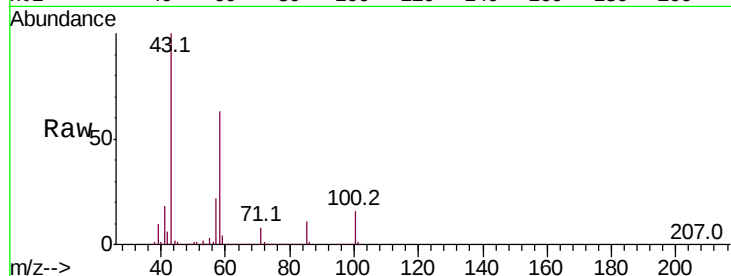




#59
2-Hexanone
Concen: 252.924 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. -0.00 min
Lab File: VX019564.D
Acq: 23 Nov 2020 20:33

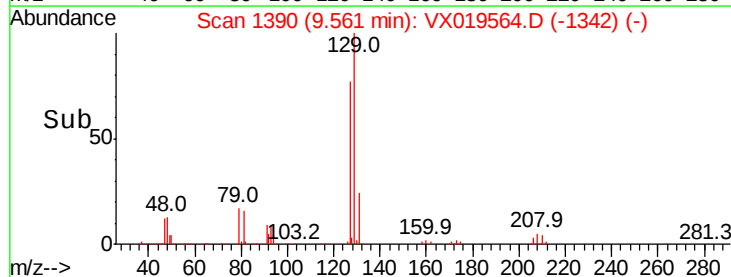
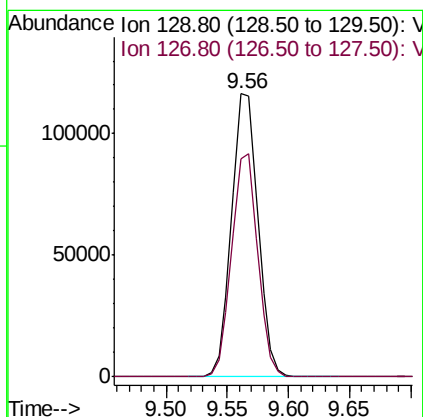
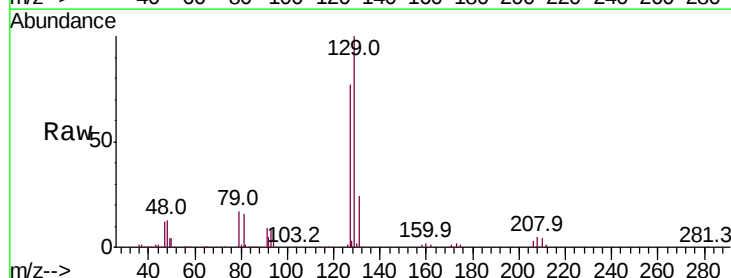
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

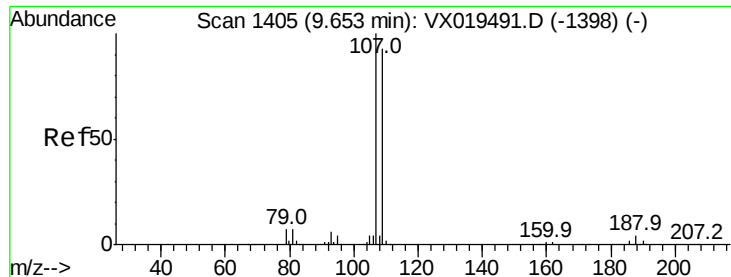
Tot Ion: 43 Resp: 797670
Ion Ratio Lower Upper
43 100
58 62.0 30.6 91.6



#60
Dibromochloromethane
Concen: 51.420 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. -0.01 min
Lab File: VX019564.D
Acq: 23 Nov 2020 20:33

Tgt Ion: 129 Resp: 174219
Ion Ratio Lower Upper
129 100
127 77.8 39.0 116.9





#61

1,2-Dibromoethane

Concen: 49.688 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX019564.D

Acq: 23 Nov 2020 20:33

Instrument :

MSVOA_X

ClientSampleId :

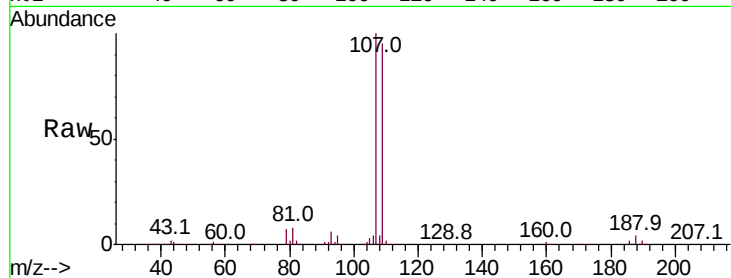
VSTDCCC050EC

Tot Ion:107 Resp: 177167

Ion Ratio Lower Upper

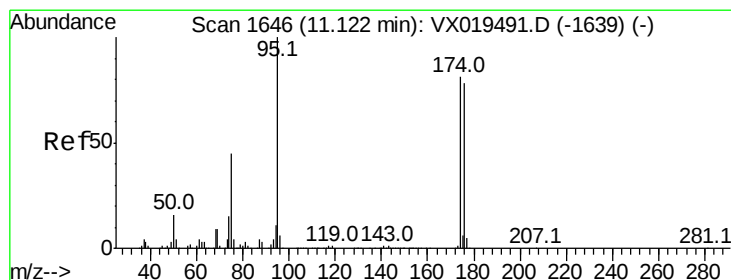
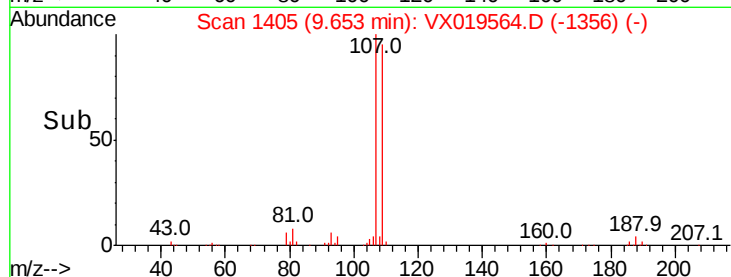
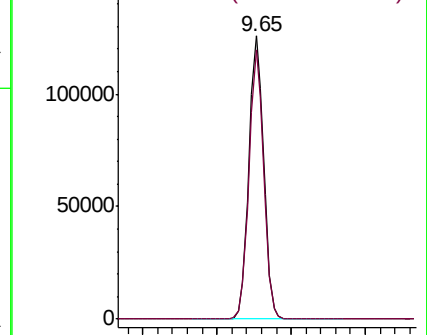
107 100

109 94.1 74.8 112.2



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 48.471 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX019564.D

Acq: 23 Nov 2020 20:33

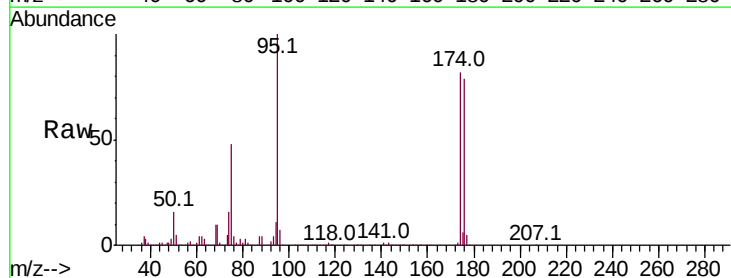
Tgt Ion: 95 Resp: 205031

Ion Ratio Lower Upper

95 100

174 78.5 0.0 156.2

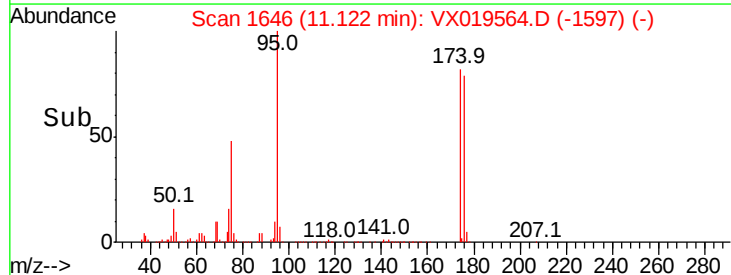
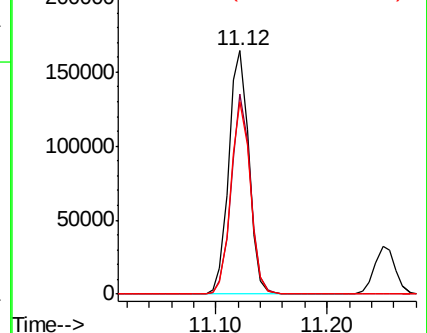
176 77.1 0.0 151.4

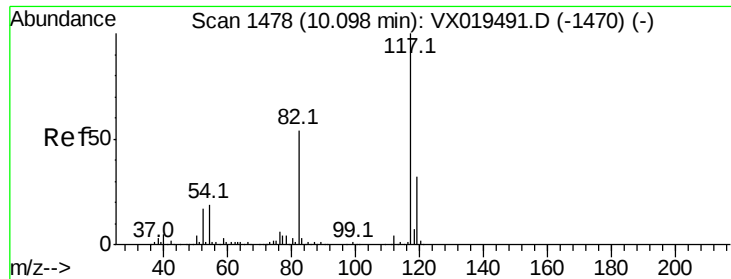


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

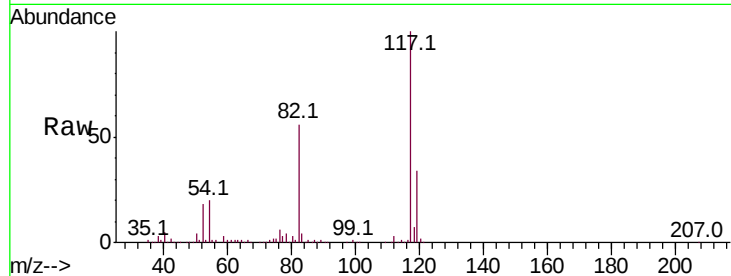




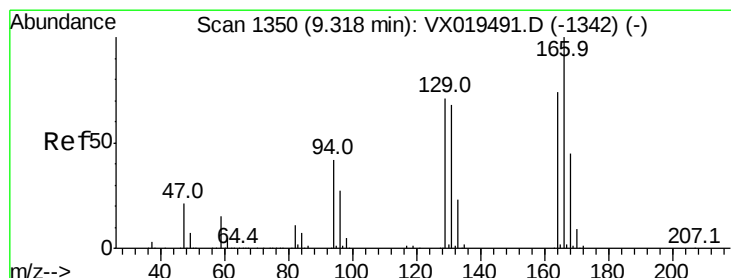
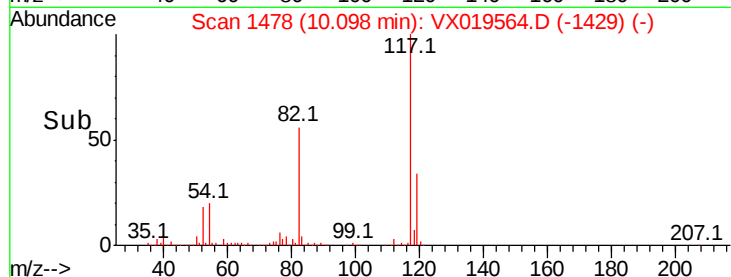
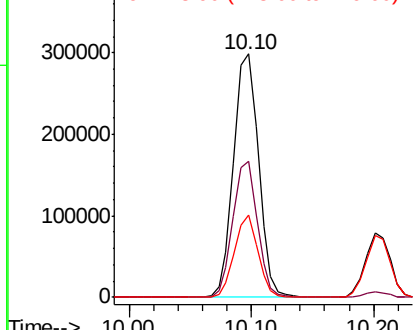
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX019564.D
Acq: 23 Nov 2020 20:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:117 Resp: 421843
Ion Ratio Lower Upper
117 100
82 56.1 43.0 64.4
119 33.6 25.6 38.4

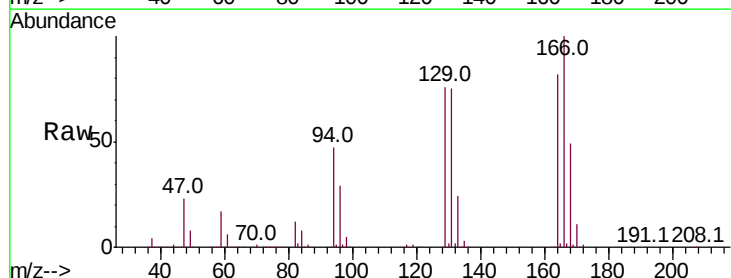


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

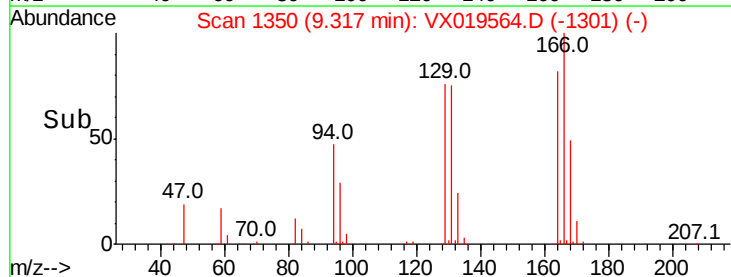
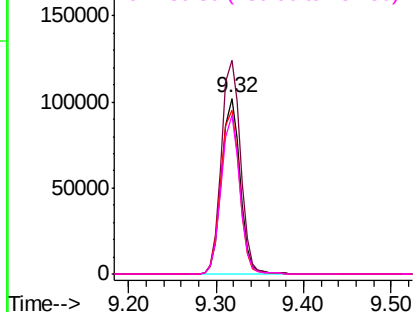


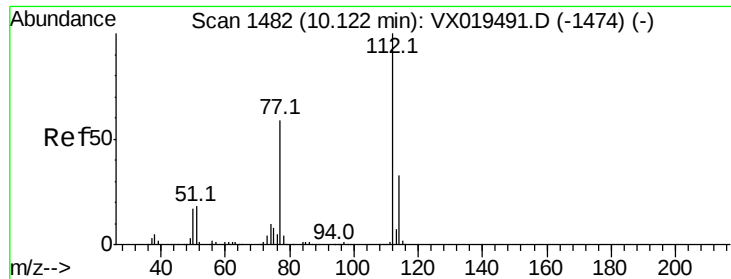
#64
Tetrachloroethene
Concen: 44.908 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX019564.D
Acq: 23 Nov 2020 20:33

Tgt Ion:164 Resp: 148911
Ion Ratio Lower Upper
164 100
166 121.5 107.4 161.0
129 92.8 76.6 114.8
131 90.6 72.6 108.8



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V





#65

Chlorobenzene

Concen: 49.309 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX019564.D

Acq: 23 Nov 2020 20:33

Instrument :

MSVOA_X

ClientSampleId :

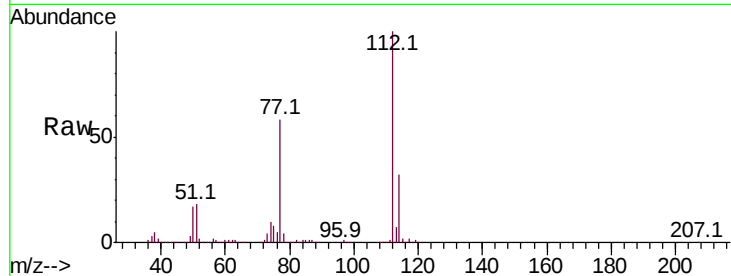
VSTDCCC050EC

Tot Ion:112 Resp: 427670

Ion Ratio Lower Upper

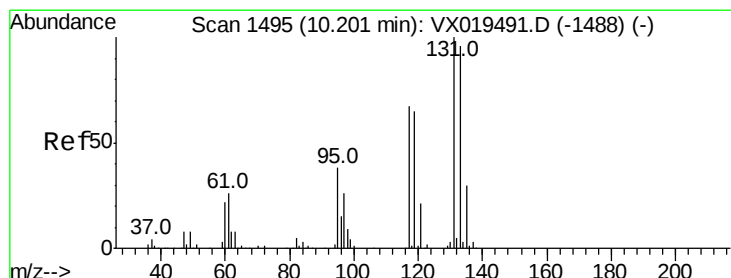
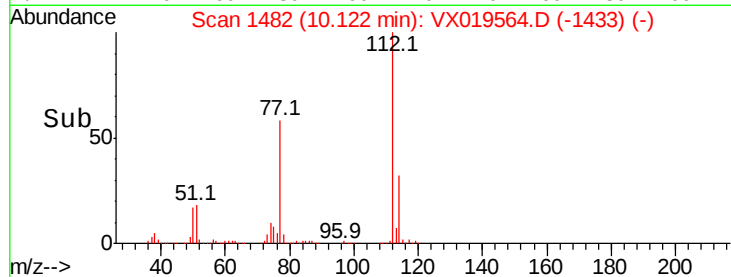
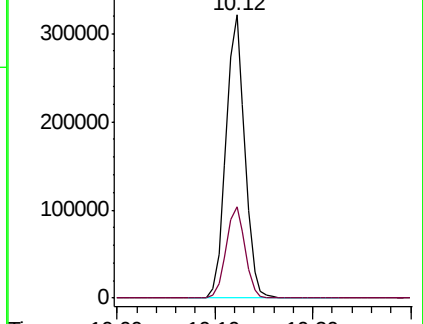
112 100

114 32.5 26.0 39.0



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 52.444 ug/l

RT: 10.20 min Scan# 1495

Delta R.T. -0.00 min

Lab File: VX019564.D

Acq: 23 Nov 2020 20:33

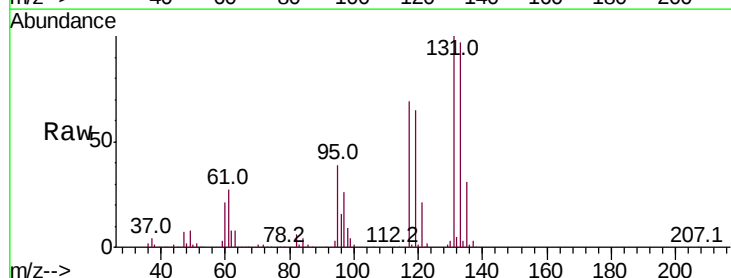
Tgt Ion:131 Resp: 165450

Ion Ratio Lower Upper

131 100

133 95.3 48.5 145.5

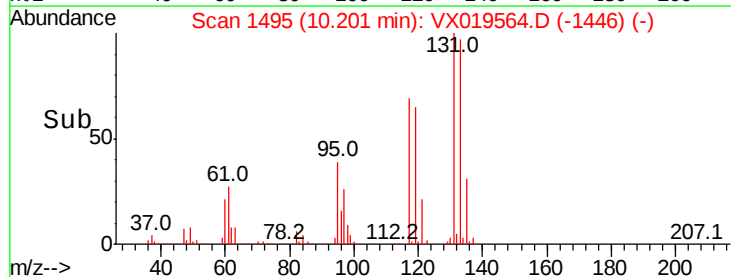
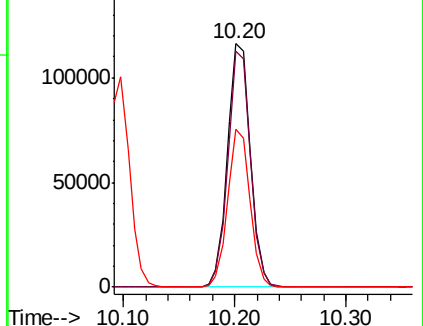
119 63.5 33.0 99.0

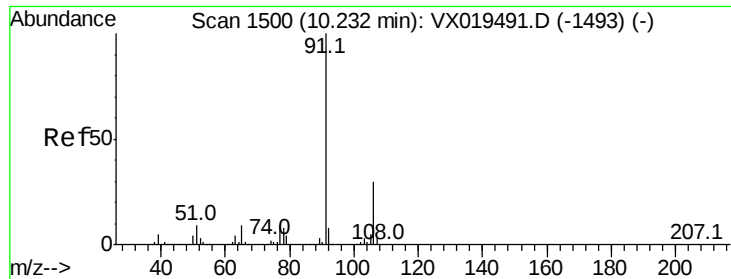


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

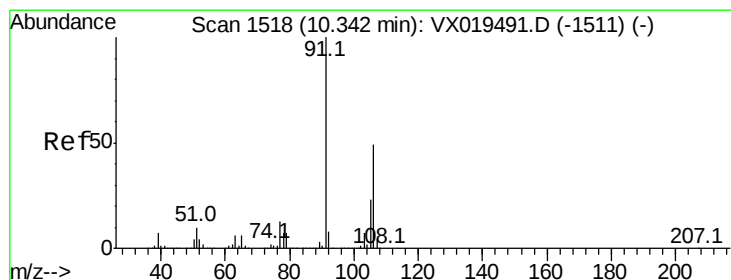
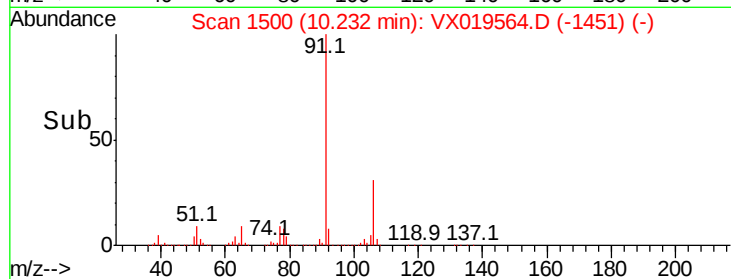
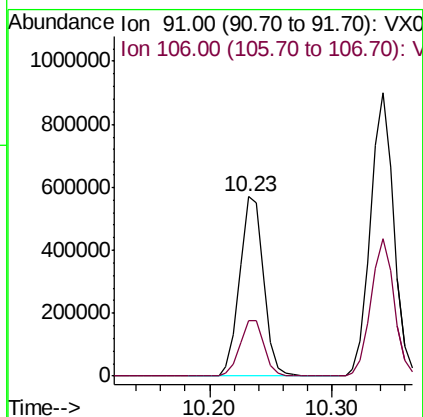
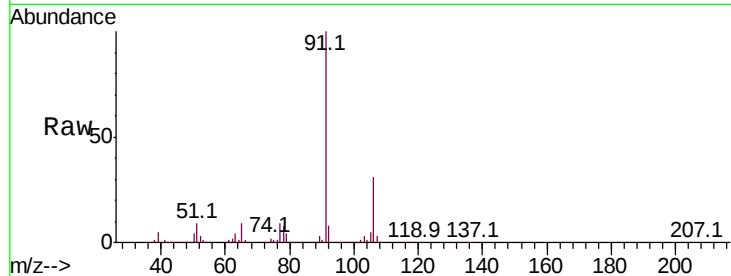




#67
Ethyl Benzene
Concen: 50.604 ug/l
RT: 10.23 min Scan# 1500
Delta R.T. -0.00 min
Lab File: VX019564.D
Acq: 23 Nov 2020 20:33

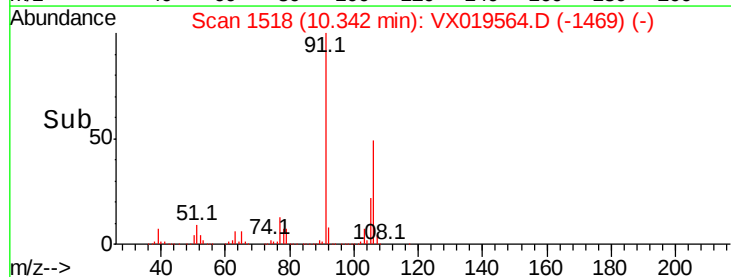
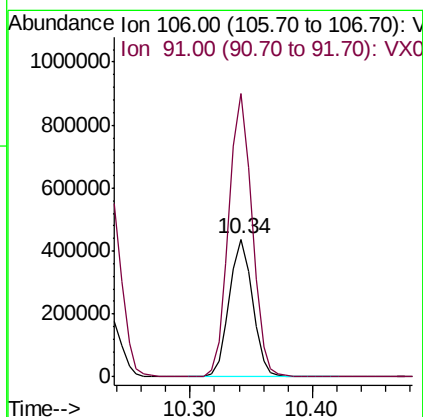
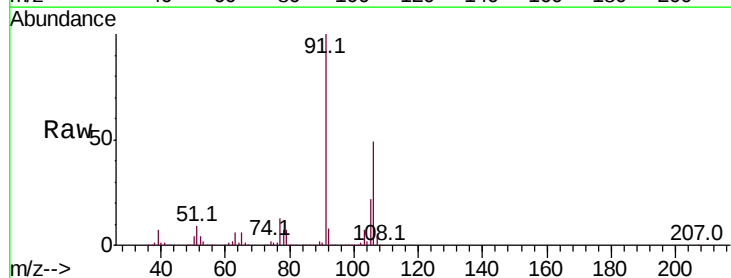
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

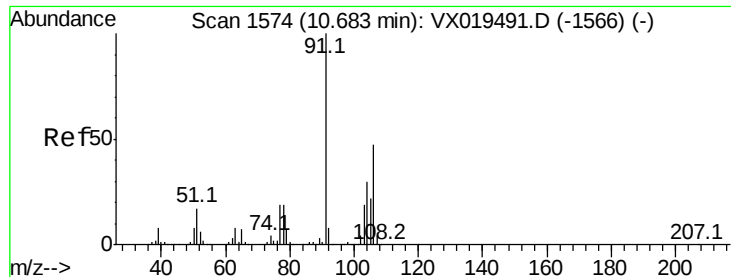
Tot Ion: 91 Resp: 768884
Ion Ratio Lower Upper
91 100
106 30.8 24.0 36.0



#68
m/p-Xylenes
Concen: 102.084 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX019564.D
Acq: 23 Nov 2020 20:33

Tgt Ion: 106 Resp: 577871
Ion Ratio Lower Upper
106 100
91 205.2 163.3 244.9

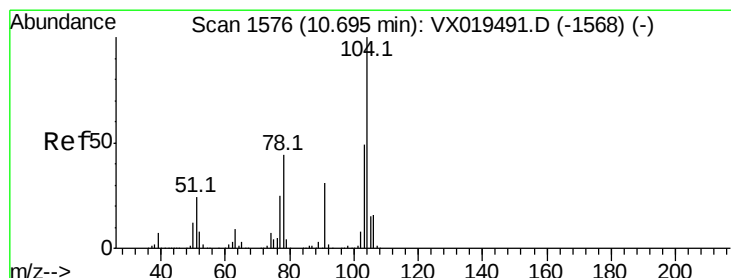
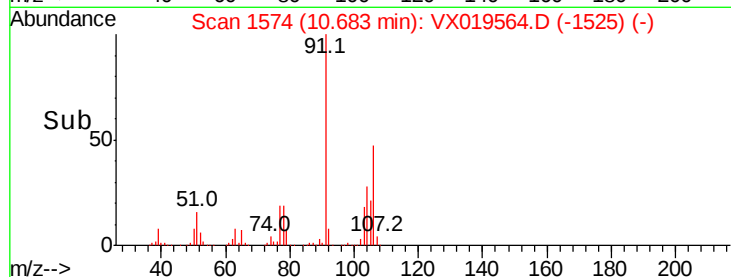
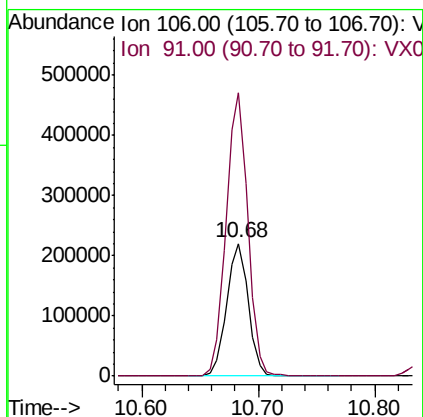
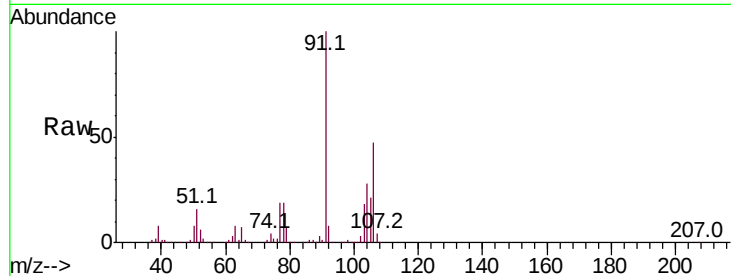




#69
o-Xylene
Concen: 52.601 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX019564.D
Acq: 23 Nov 2020 20:33

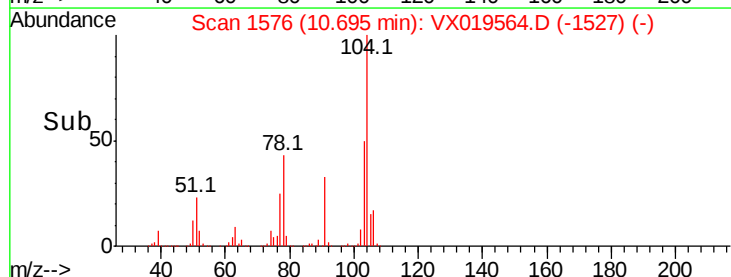
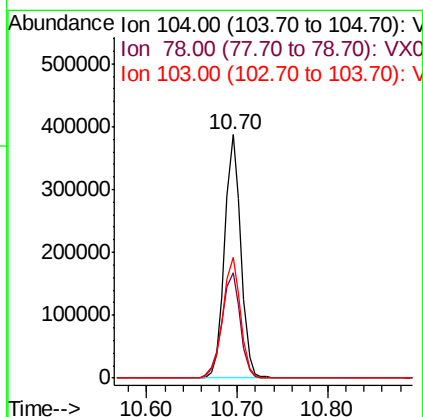
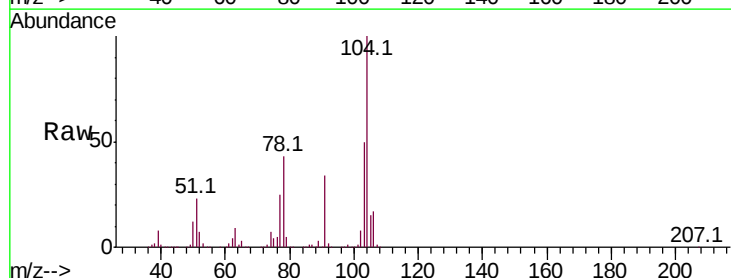
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

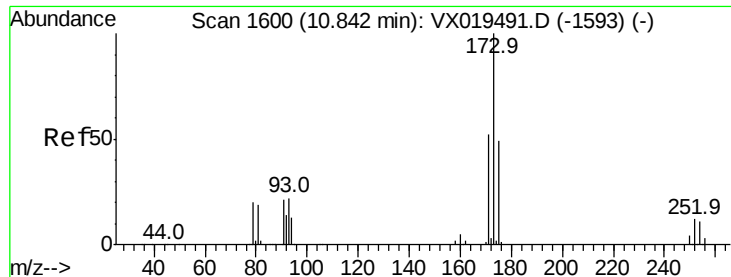
Tot Ion:106 Resp: 284637
Ion Ratio Lower Upper
106 100
91 213.7 108.0 324.0



#70
Styrene
Concen: 48.092 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX019564.D
Acq: 23 Nov 2020 20:33

Tgt Ion:104 Resp: 481073
Ion Ratio Lower Upper
104 100
78 49.3 39.5 59.3
103 54.2 43.6 65.4





#71

Bromoform

Concen: 48.208 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX019564.D

Acq: 23 Nov 2020 20:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

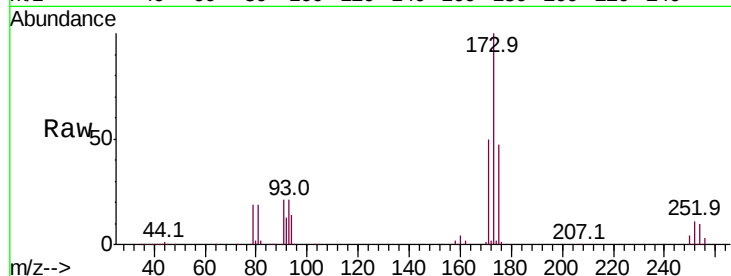
Tot Ion:173 Resp: 128463

Ion Ratio Lower Upper

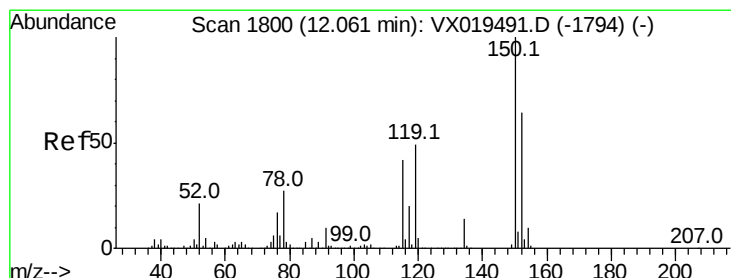
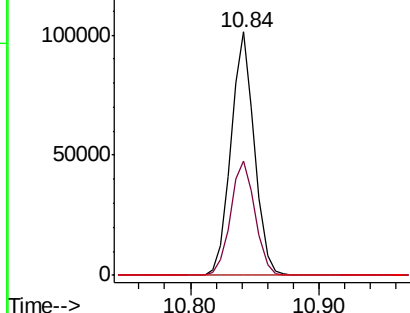
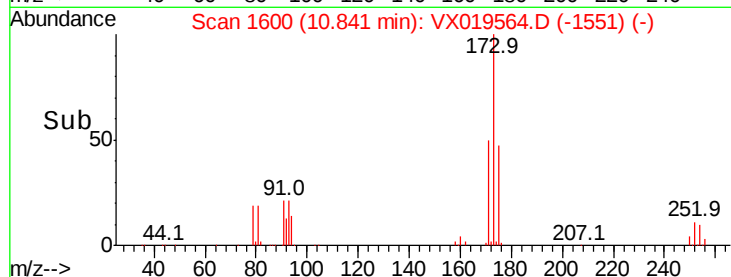
173 100

175 49.1 24.9 74.8

254 0.1 0.1 0.1



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX019564.D

Acq: 23 Nov 2020 20:33

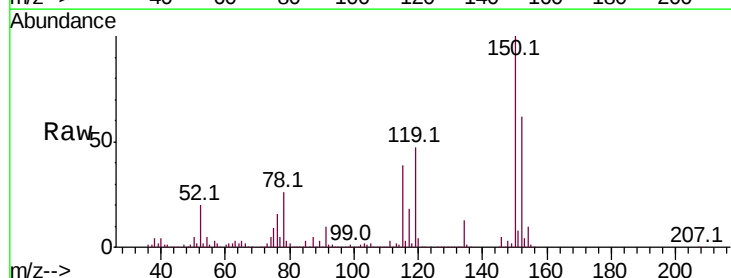
Tgt Ion:152 Resp: 208628

Ion Ratio Lower Upper

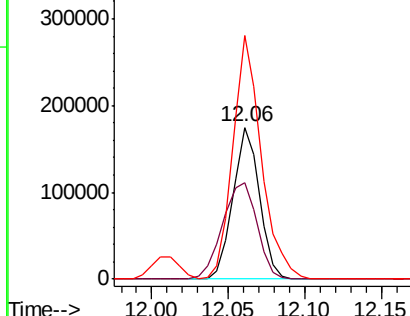
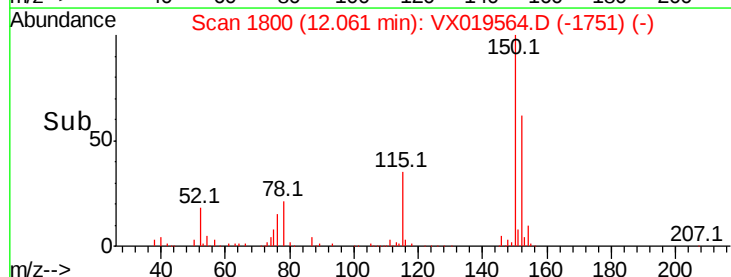
152 100

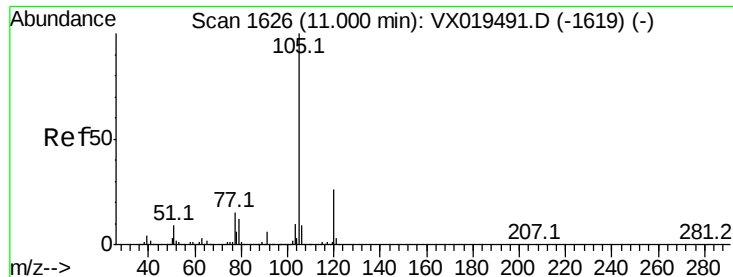
115 82.8 41.8 125.4

150 173.3 0.0 348.2



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 51.747 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX019564.D

Acq: 23 Nov 2020 20:33

Instrument :

MSVOA_X

ClientSampleId :

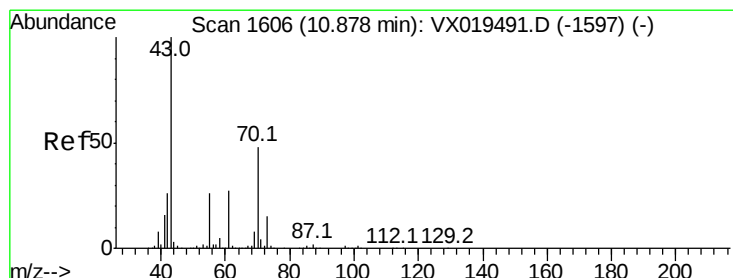
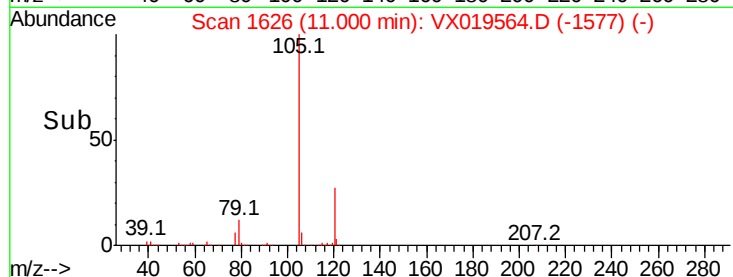
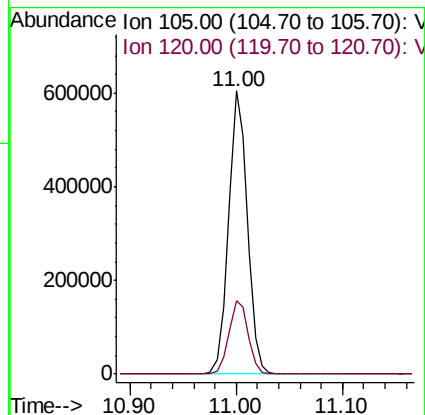
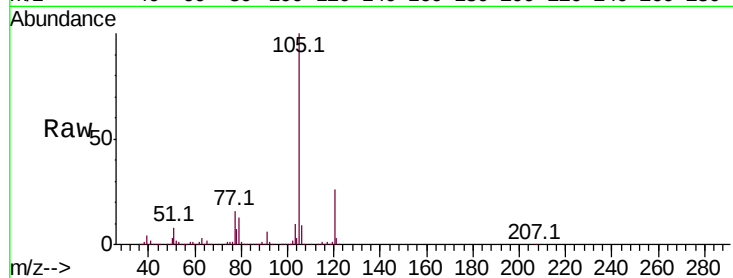
VSTDCCC050EC

Tot Ion:105 Resp: 746837

Ion Ratio Lower Upper

105 100

120 26.7 13.0 39.0



#74

N-ethyl acetate

Concen: 55.203 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX019564.D

Acq: 23 Nov 2020 20:33

Tgt Ion: 43 Resp: 298543

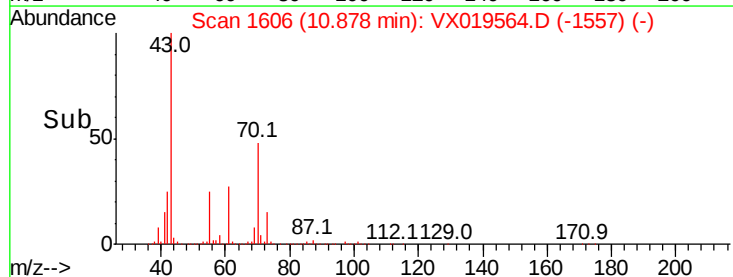
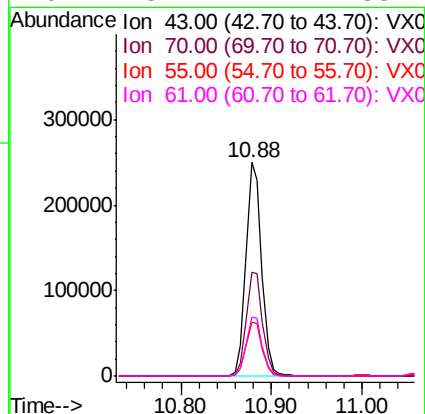
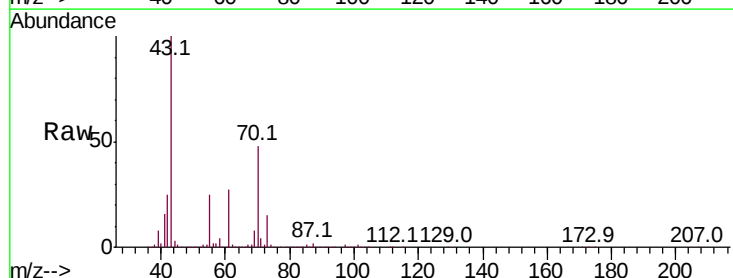
Ion Ratio Lower Upper

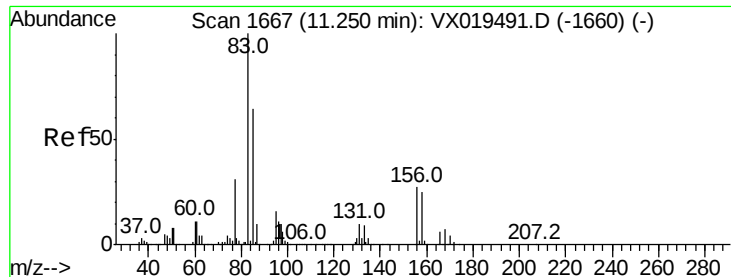
43 100

70 50.2 39.7 59.5

55 26.1 21.8 32.6

61 28.1 22.2 33.4





#75

1,1,2,2-Tetrachloroethane

Concen: 50.878 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX019564.D

Acq: 23 Nov 2020 20:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

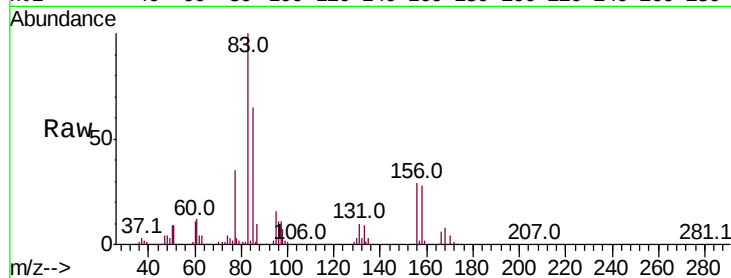
Tot Ion: 83 Resp: 262592

Ion Ratio Lower Upper

83 100

131 10.5 5.0 15.0

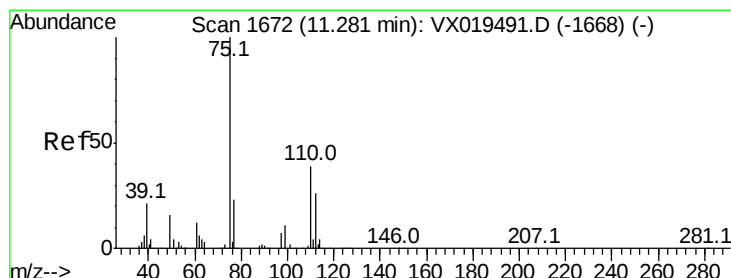
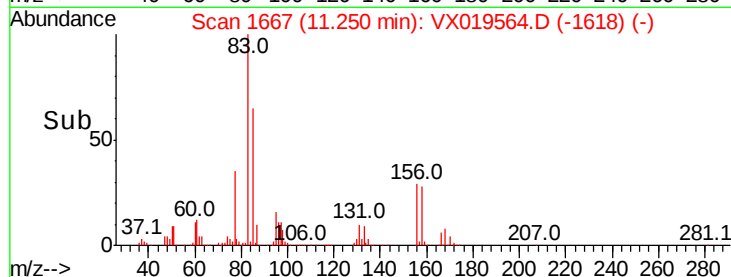
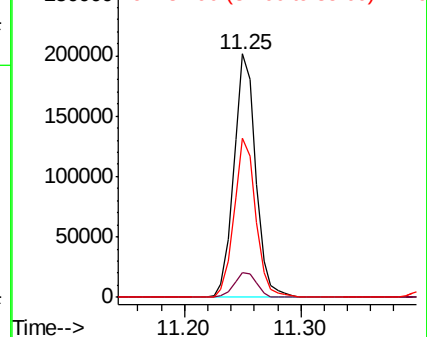
85 65.0 32.4 97.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 64.335 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX019564.D

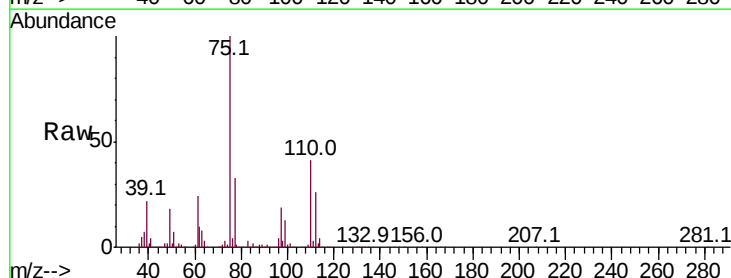
Acq: 23 Nov 2020 20:33

Tgt Ion: 75 Resp: 292916

Ion Ratio Lower Upper

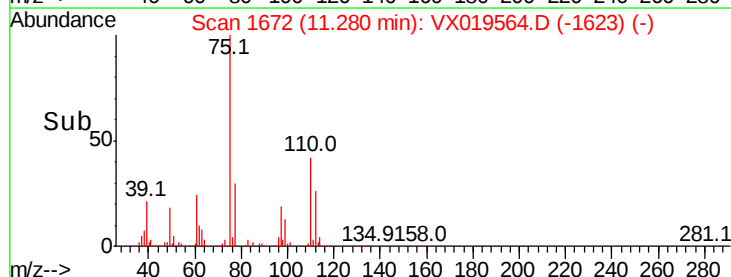
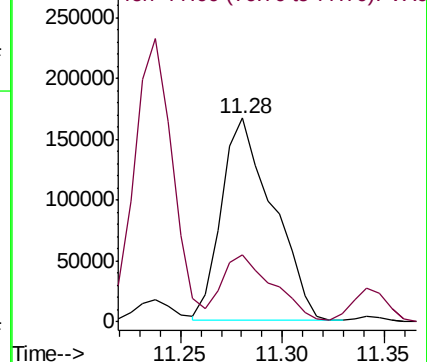
75 100

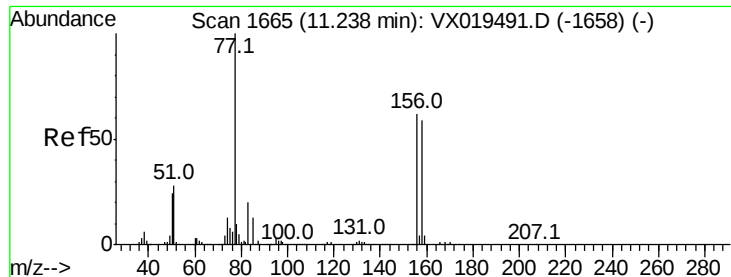
77 32.7 20.0 60.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 52.092 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX019564.D

Acq: 23 Nov 2020 20:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

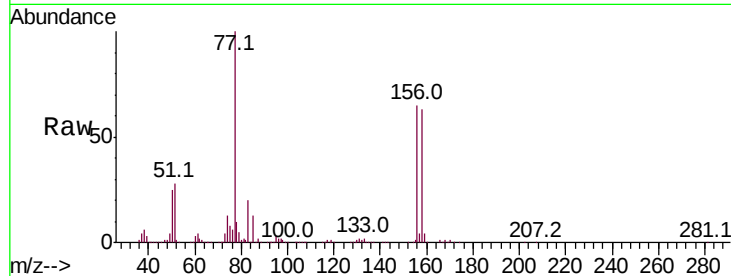
Tot Ion:156 Resp: 191925

Ion Ratio Lower Upper

156 100

77 158.6 82.5 247.3

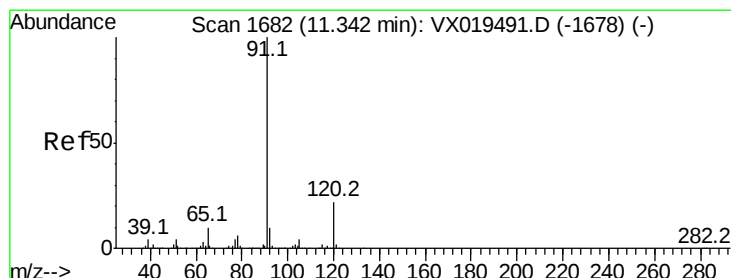
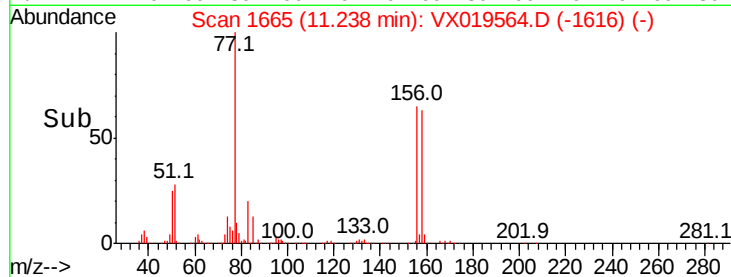
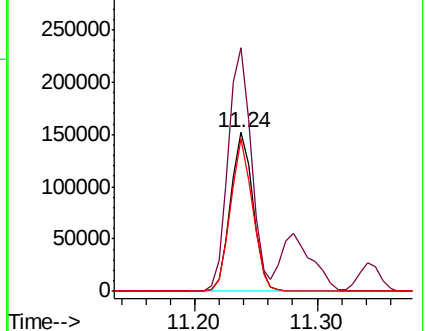
158 93.3 48.9 146.7



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 50.389 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX019564.D

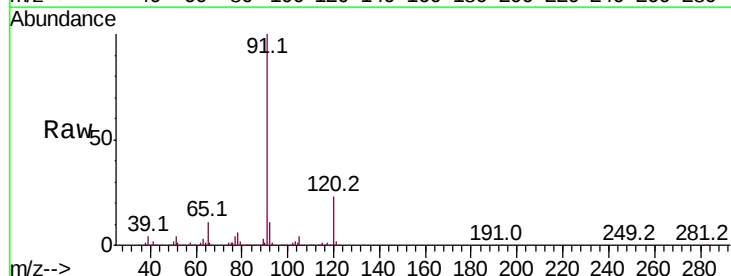
Acq: 23 Nov 2020 20:33

Tgt Ion: 91 Resp: 834283

Ion Ratio Lower Upper

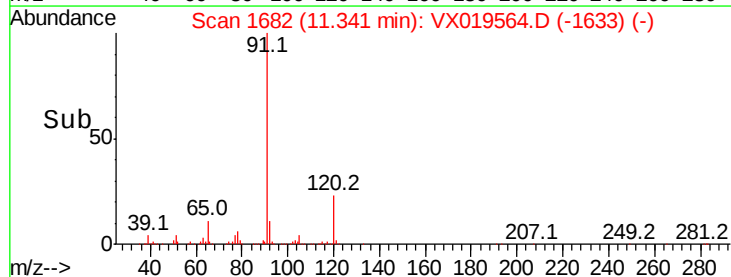
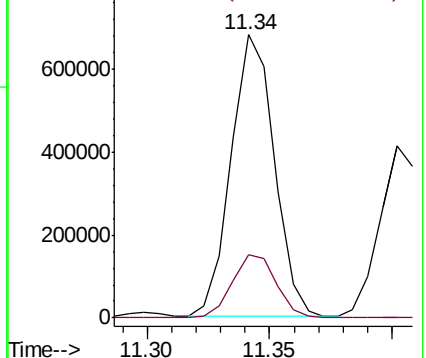
91 100

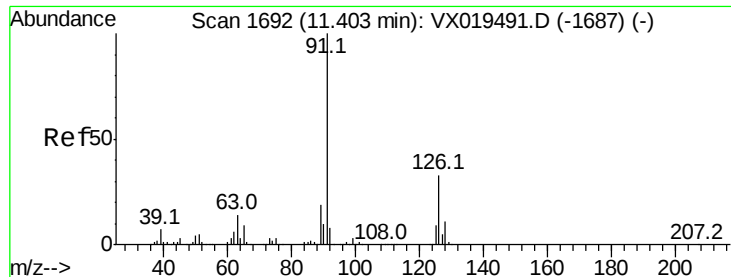
120 23.2 11.5 34.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

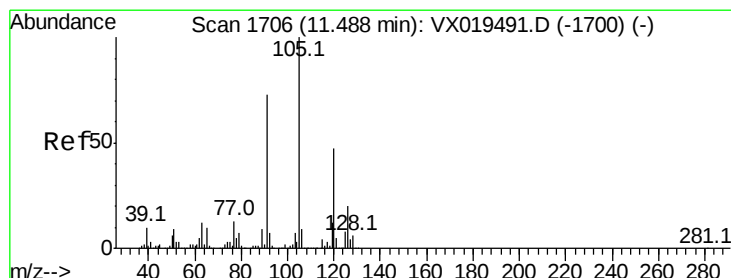
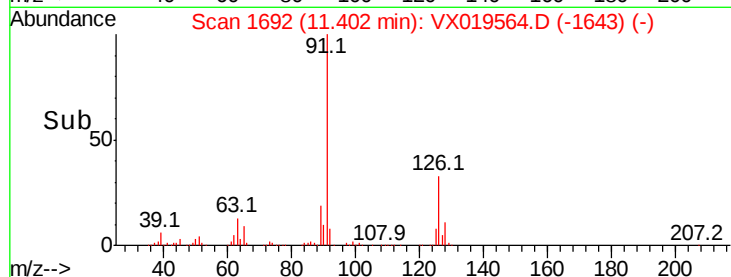
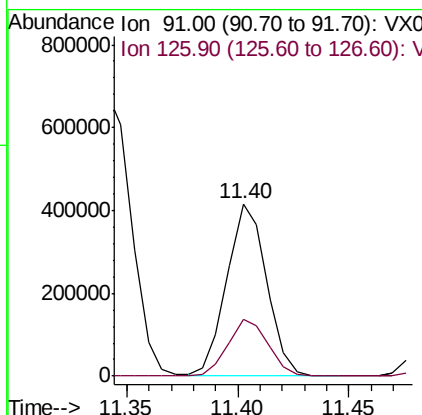
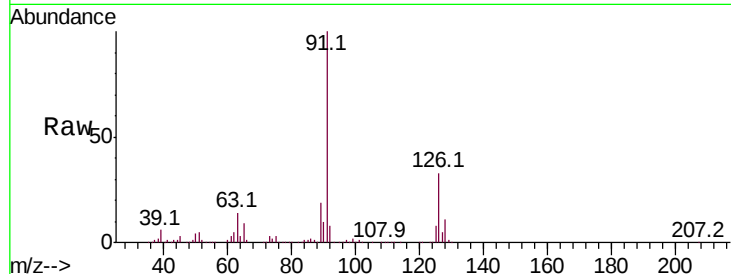




#79
 2-Chlorotoluene
 Concen: 51.374 ug/l
 RT: 11.40 min Scan# 1692
 Delta R.T. -0.00 min
 Lab File: VX019564.D
 Acq: 23 Nov 2020 20:33

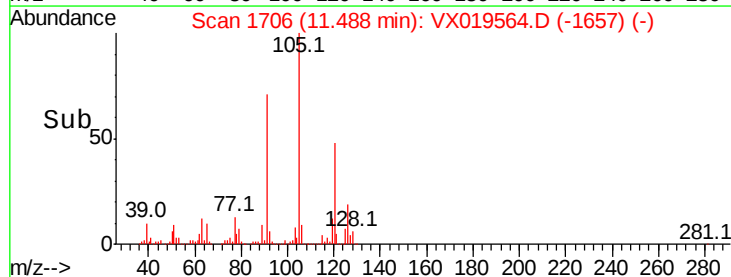
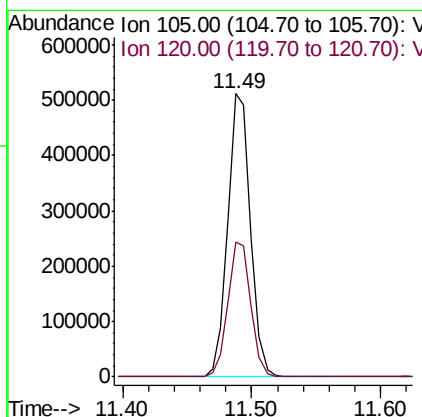
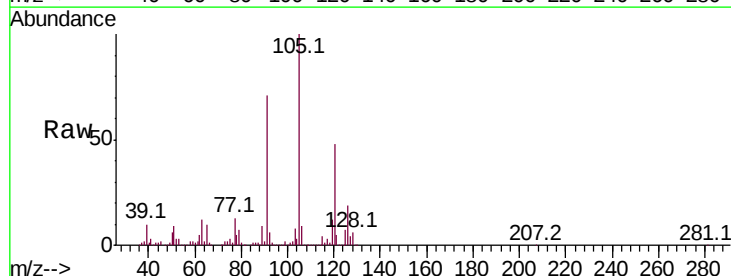
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

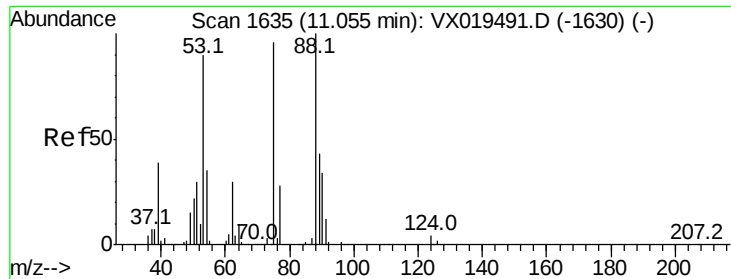
Tot Ion: 91 Resp: 515850
 Ion Ratio Lower Upper
 91 100
 126 33.6 16.7 50.0



#80
 1,3,5-Trimethylbenzene
 Concen: 52.330 ug/l
 RT: 11.49 min Scan# 1706
 Delta R.T. -0.00 min
 Lab File: VX019564.D
 Acq: 23 Nov 2020 20:33

Tgt Ion: 105 Resp: 633561
 Ion Ratio Lower Upper
 105 100
 120 48.2 24.1 72.3

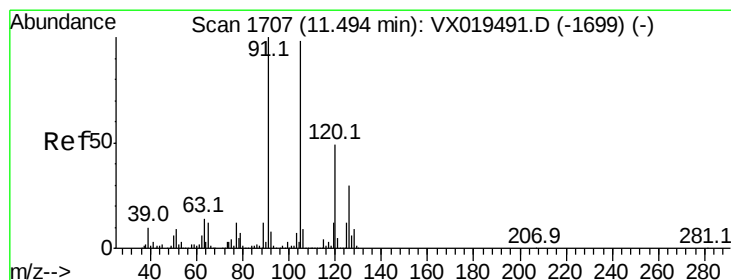
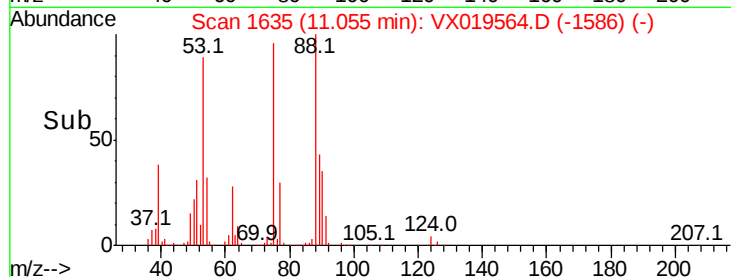
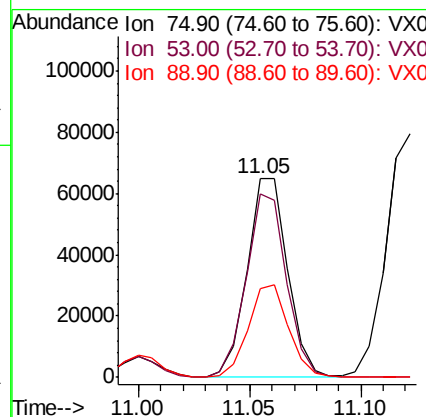
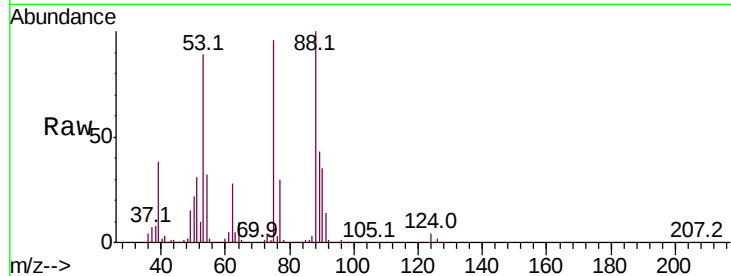




#81
trans-1,4-Dichloro-2-butene
Concen: 48.930 ug/l
RT: 11.05 min Scan# 1635
Delta R.T. -0.00 min
Lab File: VX019564.D
Acq: 23 Nov 2020 20:33

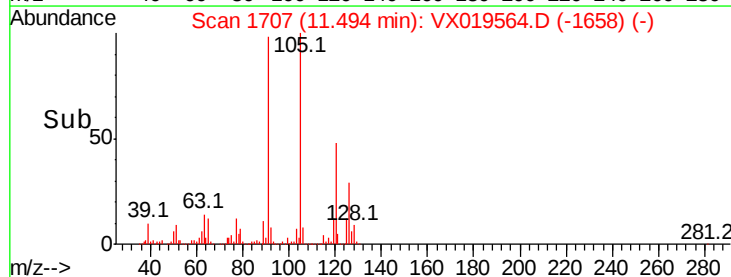
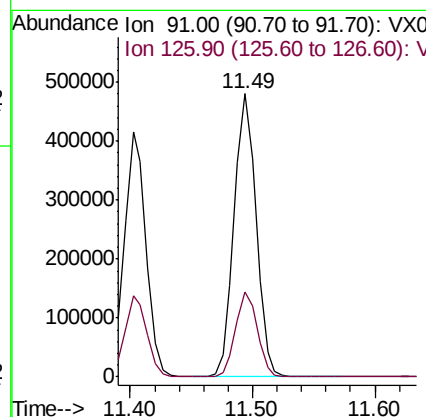
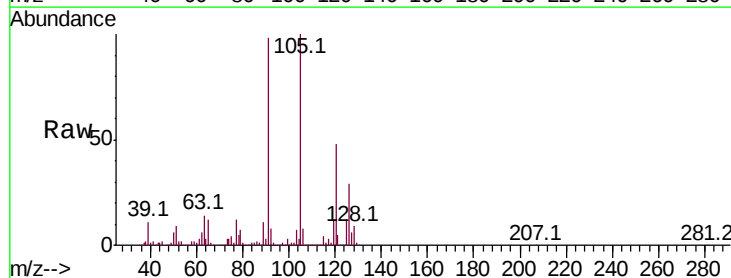
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

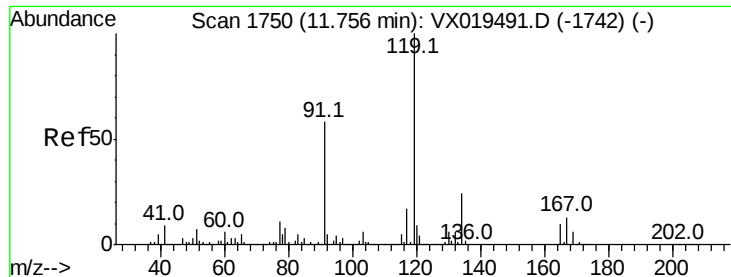
Tot Ion: 75 Resp: 82314
Ion Ratio Lower Upper
75 100
53 92.6 73.9 110.9
89 46.6 37.3 55.9



#82
4-Chlorotoluene
Concen: 50.427 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX019564.D
Acq: 23 Nov 2020 20:33

Tgt Ion: 91 Resp: 596072
Ion Ratio Lower Upper
91 100
126 29.8 14.9 44.7

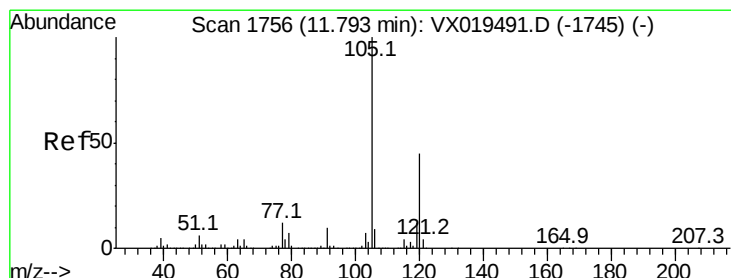
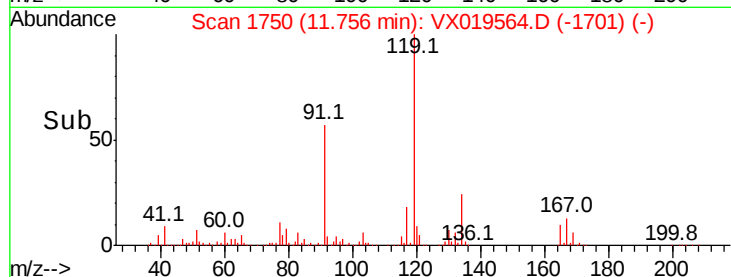
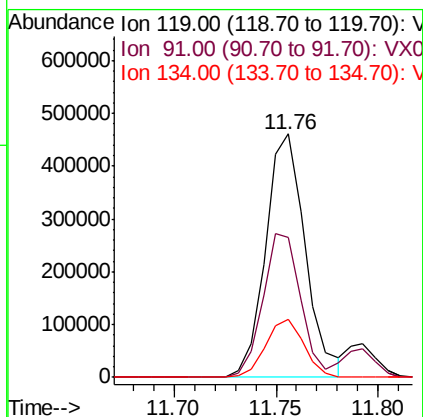
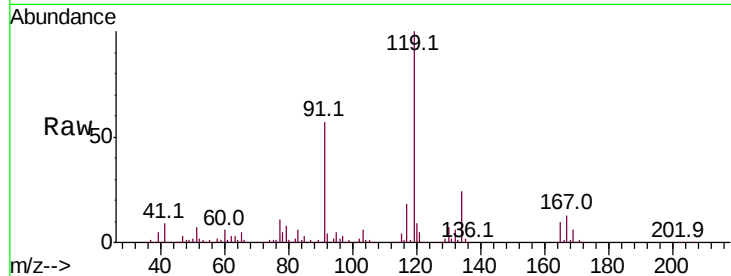




#83
tert-Butylbenzene
Concen: 53.271 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX019564.D
Acq: 23 Nov 2020 20:33

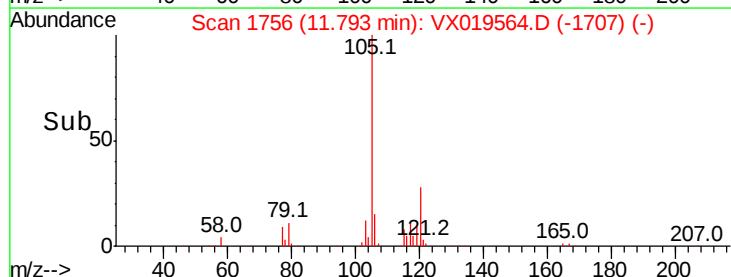
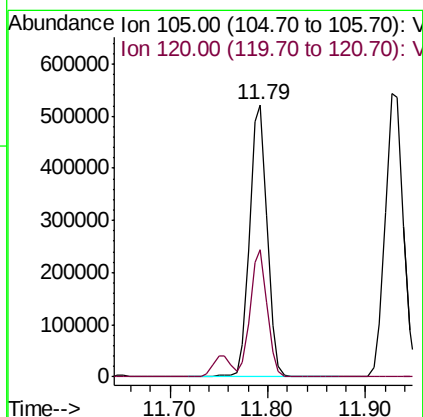
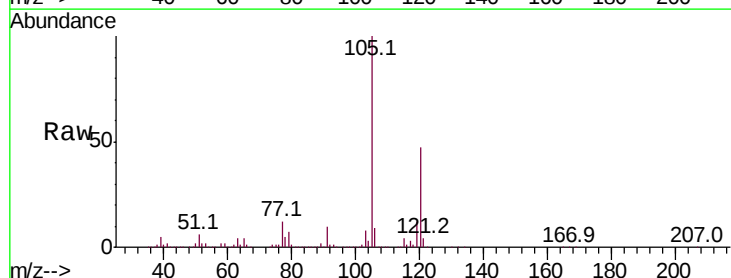
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

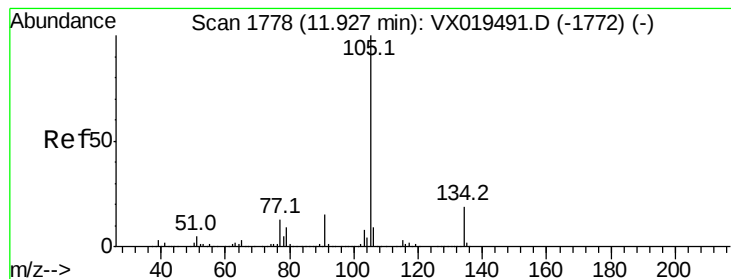
Tot Ion:119 Resp: 623968
Ion Ratio Lower Upper
119 100
91 56.4 28.9 86.8
134 23.1 11.7 35.0



#84
1,2,4-Trimethylbenzene
Concen: 52.927 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VX019564.D
Acq: 23 Nov 2020 20:33

Tgt Ion:105 Resp: 648358
Ion Ratio Lower Upper
105 100
120 45.0 22.2 66.6





#85

sec-Butylbenzene

Concen: 50.242 ug/l

RT: 11.93 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX019564.D

Acq: 23 Nov 2020 20:33

Instrument :

MSVOA_X

ClientSampleId :

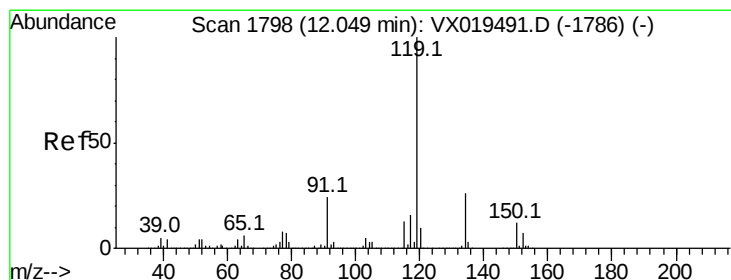
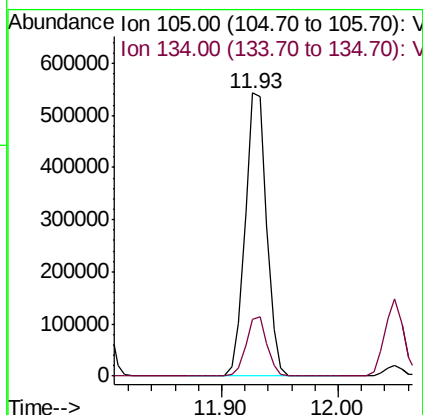
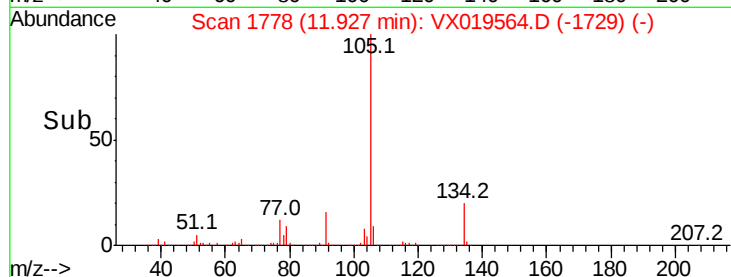
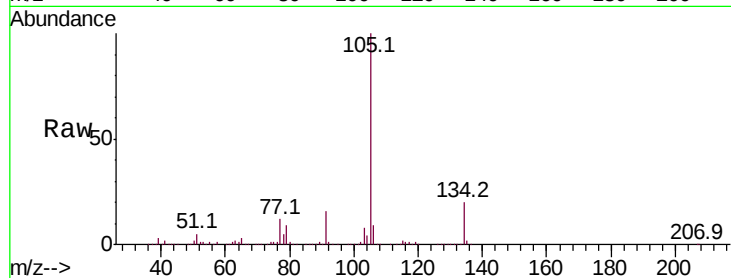
VSTDCCC050EC

Tot Ion:105 Resp: 700094

Ion Ratio Lower Upper

105 100

134 20.4 10.1 30.3



#86

p-Isopropyltoluene

Concen: 51.348 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX019564.D

Acq: 23 Nov 2020 20:33

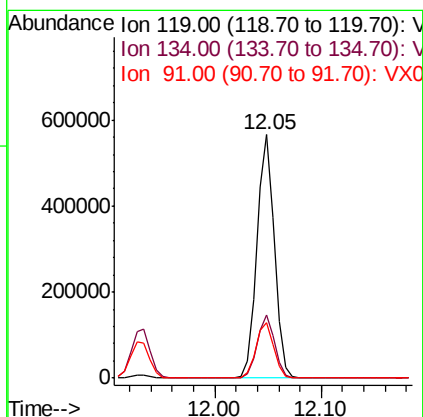
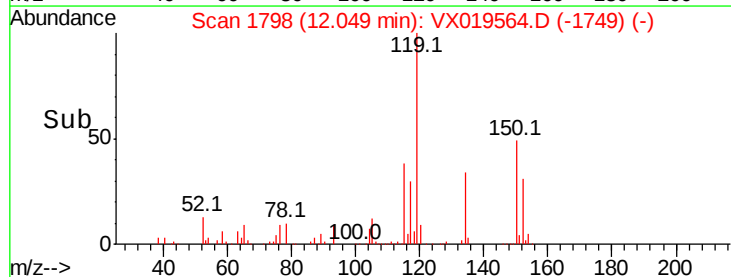
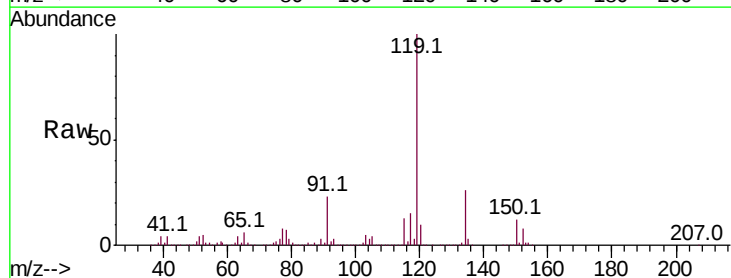
Tgt Ion:119 Resp: 649622

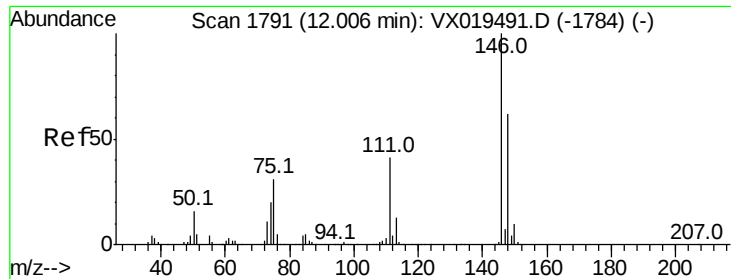
Ion Ratio Lower Upper

119 100

134 26.0 13.1 39.3

91 23.4 11.8 35.4





#87

1,3-Dichlorobenzene

Concen: 49.741 ug/l

RT: 12.01 min Scan# 1792

Delta R.T. 0.01 min

Lab File: VX019564.D

Acq: 23 Nov 2020 20:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

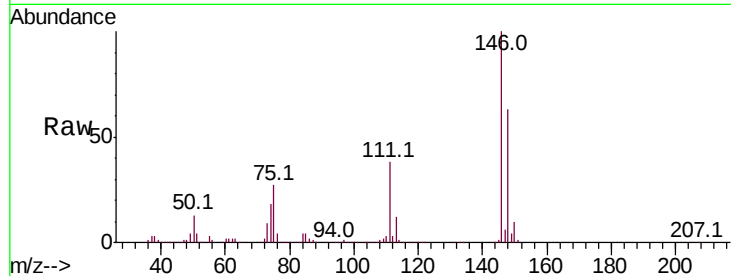
Tot Ion:146 Resp: 336562

Ion Ratio Lower Upper

146 100

111 40.5 20.2 60.6

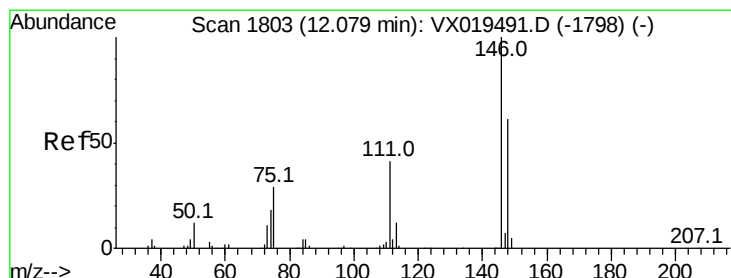
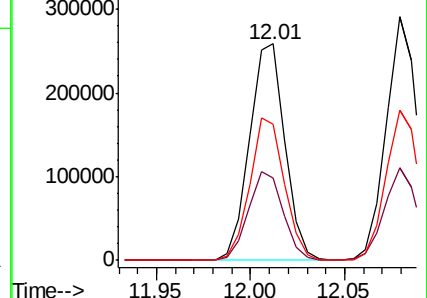
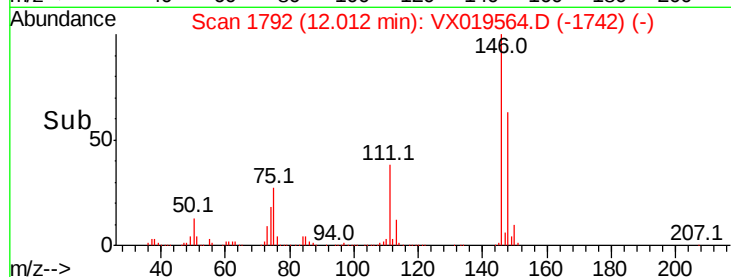
148 64.3 31.4 94.2



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 49.367 ug/l

RT: 12.08 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VX019564.D

Acq: 23 Nov 2020 20:33

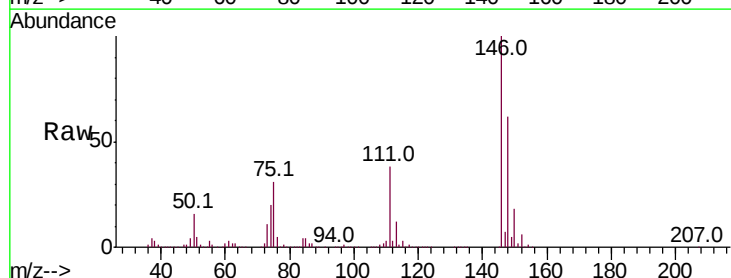
Tgt Ion:146 Resp: 344071

Ion Ratio Lower Upper

146 100

111 39.1 19.9 59.6

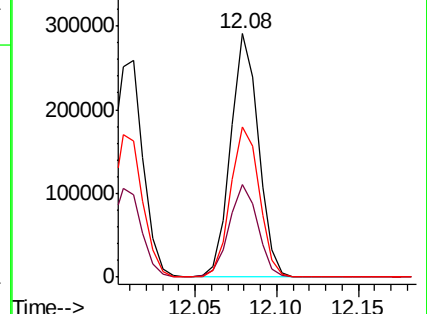
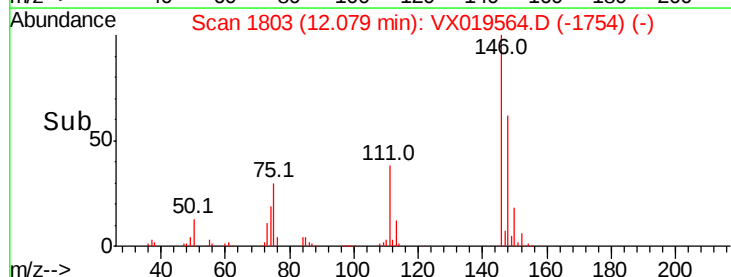
148 64.2 31.7 95.1

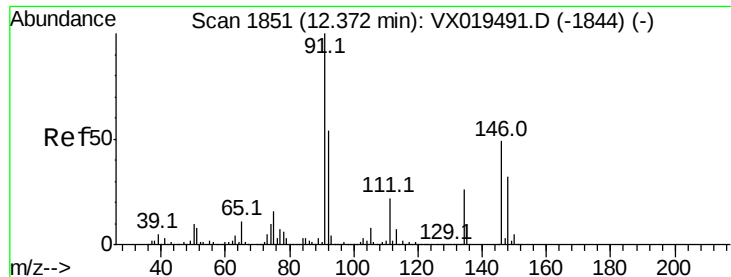


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

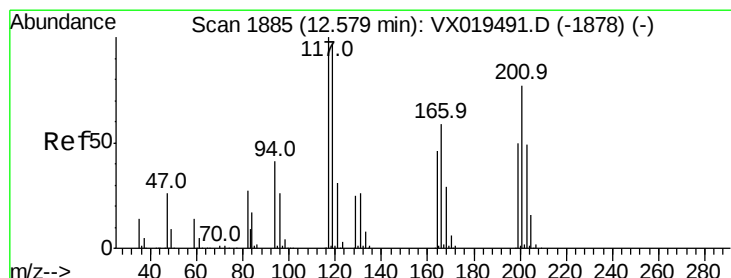
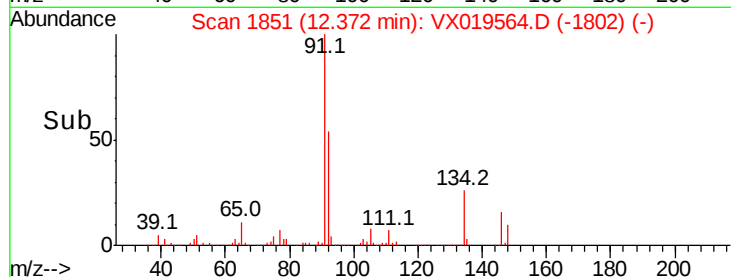
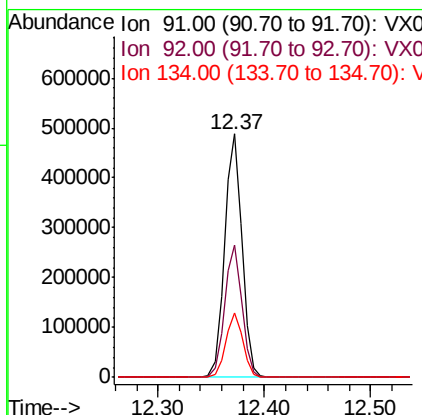
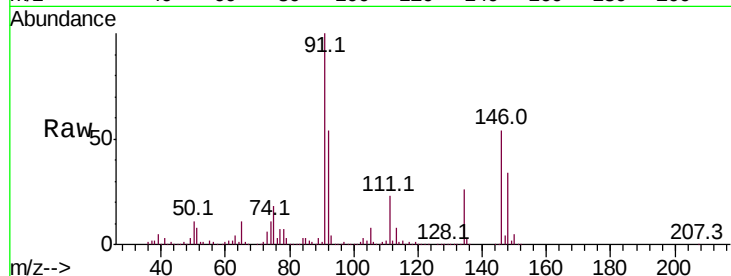




#89
n-Butylbenzene
Concen: 48.646 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX019564.D
Acq: 23 Nov 2020 20:33

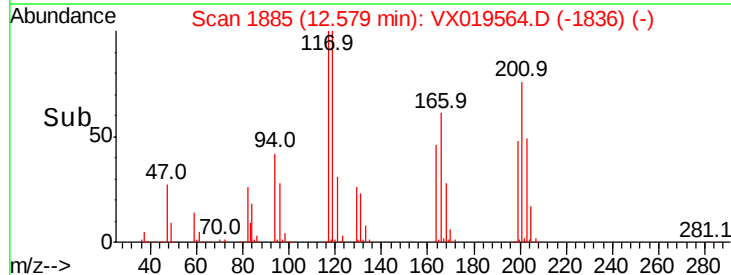
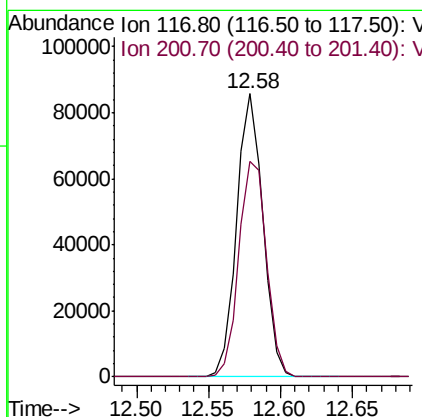
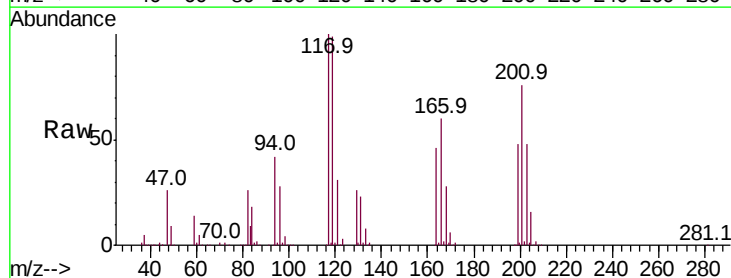
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

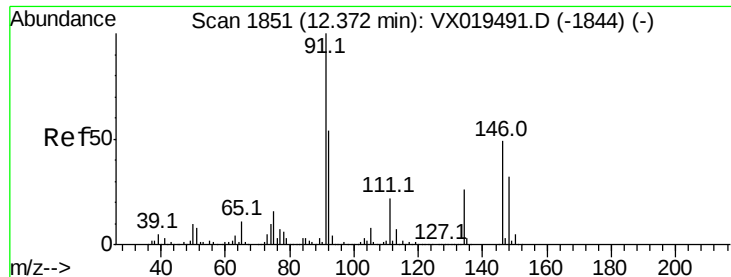
Tot Ion: 91 Resp: 556391
Ion Ratio Lower Upper
91 100
92 53.9 26.9 80.6
134 26.0 12.9 38.6



#90
Hexachloroethane
Concen: 51.615 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX019564.D
Acq: 23 Nov 2020 20:33

Tgt Ion: 117 Resp: 109269
Ion Ratio Lower Upper
117 100
201 80.0 39.4 118.2

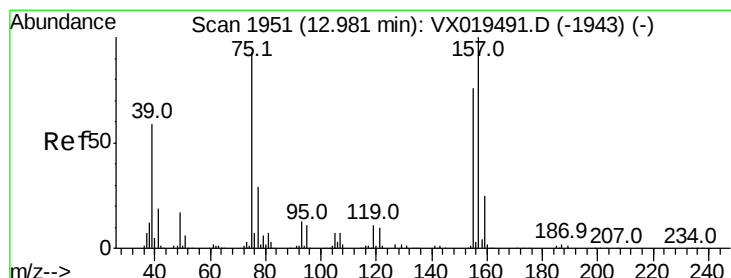
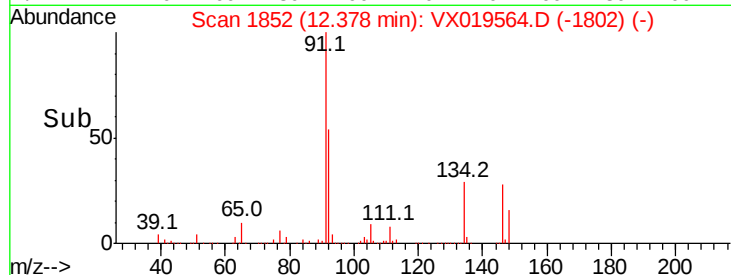
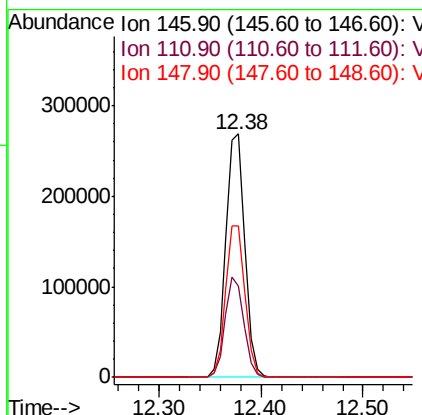
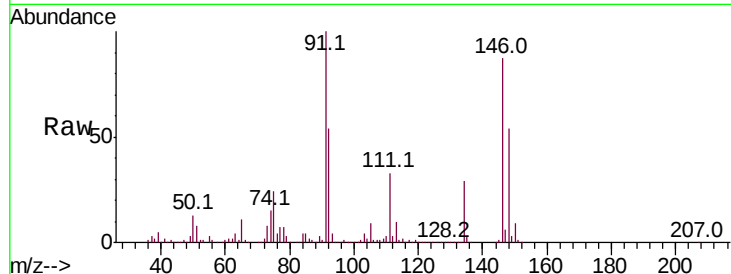




#91
1,2-Dichlorobenzene
Concen: 50.910 ug/l
RT: 12.38 min Scan# 1852
Delta R.T. 0.01 min
Lab File: VX019564.D
Acq: 23 Nov 2020 20:33

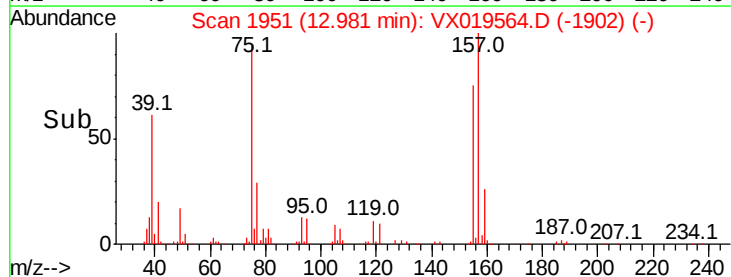
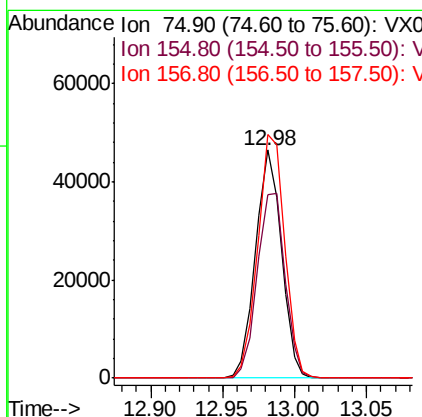
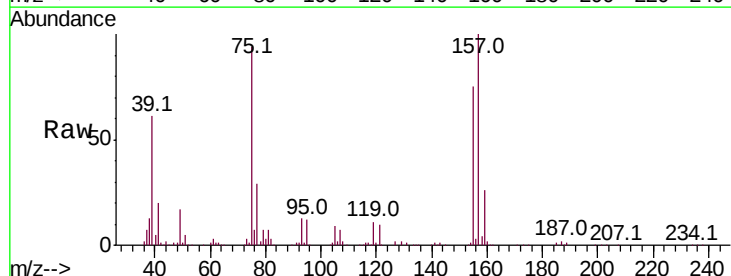
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

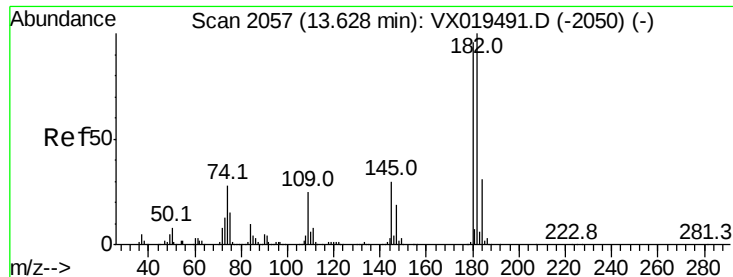
Tot Ion:146 Resp: 345977
Ion Ratio Lower Upper
146 100
111 40.6 21.1 63.3
148 63.2 32.4 97.0



#92
1,2-Dibromo-3-Chloropropane
Concen: 54.651 ug/l
RT: 12.98 min Scan# 1951
Delta R.T. -0.00 min
Lab File: VX019564.D
Acq: 23 Nov 2020 20:33

Tgt Ion: 75 Resp: 57544
Ion Ratio Lower Upper
75 100
155 87.4 43.6 130.9
157 110.9 57.0 170.8

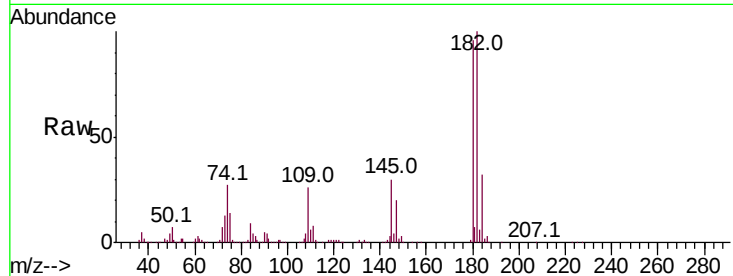




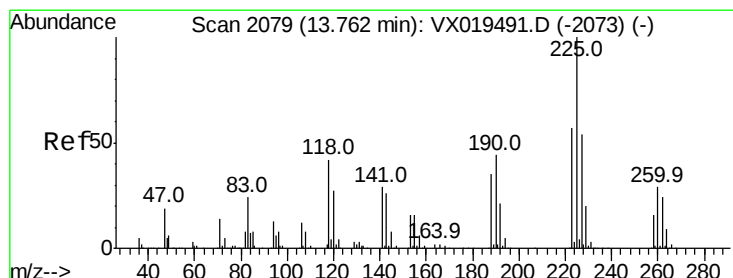
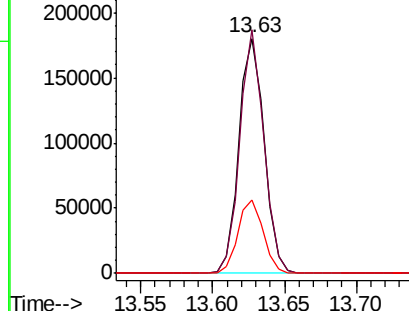
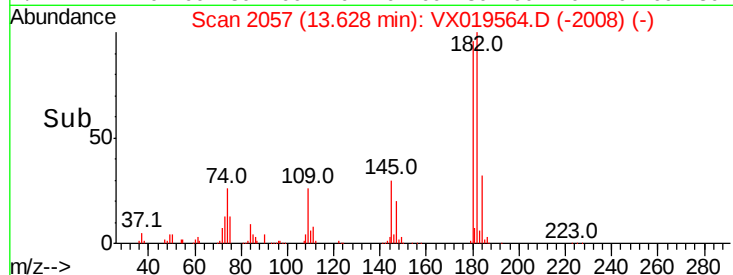
#93
 1,2,4-Trichlorobenzene
 Concen: 50.748 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX019564.D
 Acq: 23 Nov 2020 20:33

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
180	100		
182	98.0	48.6	145.9
145	31.2	15.9	47.7

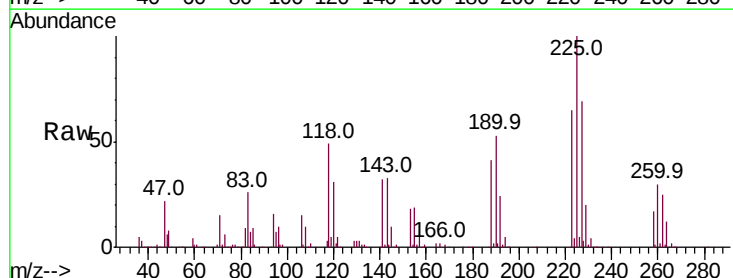


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

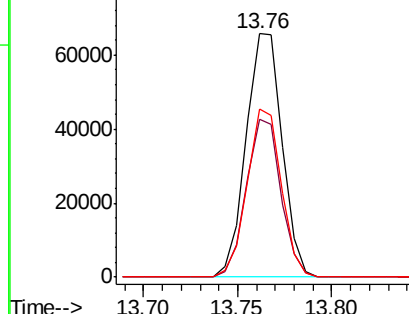
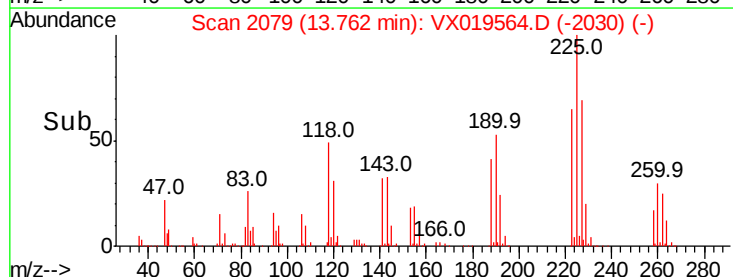


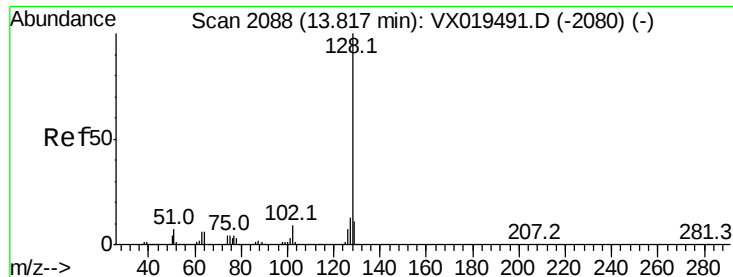
#94
 Hexachlorobutadiene
 Concen: 43.846 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. -0.00 min
 Lab File: VX019564.D
 Acq: 23 Nov 2020 20:33

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.5	32.5	97.5
227	65.7	32.8	98.3



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V

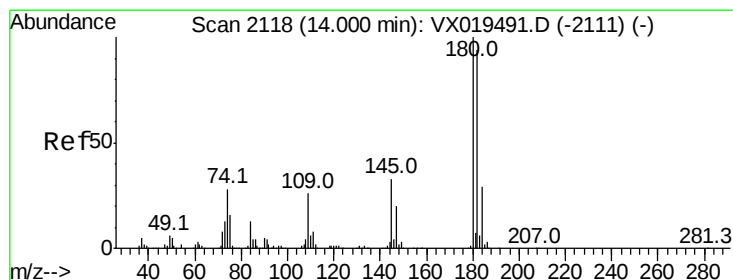
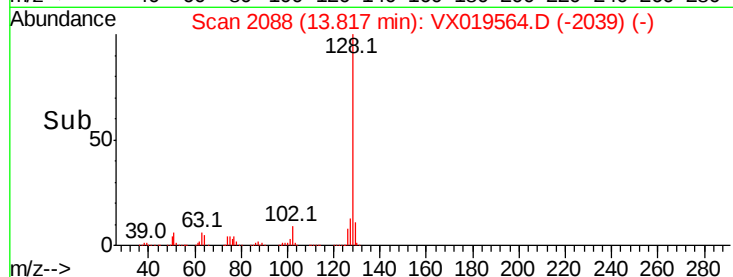
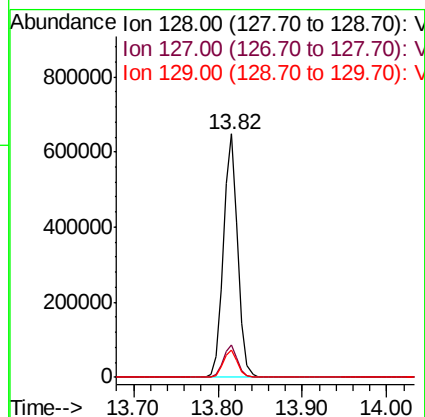
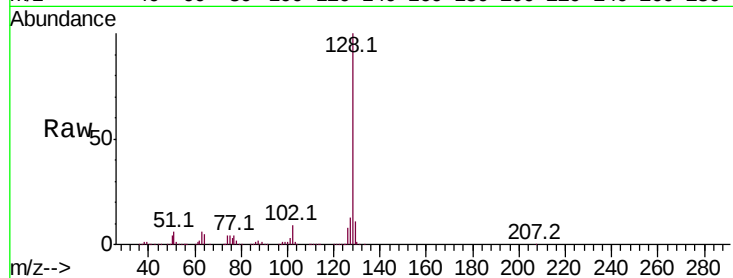




#95
Naphthalene
Concen: 49.177 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX019564.D
Acq: 23 Nov 2020 20:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:128 Resp: 756180
Ion Ratio Lower Upper
128 100
127 13.1 10.3 15.5
129 11.1 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 49.891 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. -0.00 min
Lab File: VX019564.D
Acq: 23 Nov 2020 20:33

Tgt Ion:180 Resp: 217735
Ion Ratio Lower Upper
180 100
182 101.0 48.1 144.3
145 33.5 16.6 49.8

