

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX120920\
 Data File : VX019808.D
 Acq On : 10 Dec 2020 04:11
 Operator : JC/MD
 Sample : L4993-07MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TU032-32-5226-120820MSD

Quant Time: Dec 10 06:46:34 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X120420W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 04 15:32:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	272950	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	452652	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.09	117	416203	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	209322	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	169896	47.36	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	94.72%	
35) Dibromofluoromethane		5.46	113	140799	48.13	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	96.26%	
50) Toluene-d8		8.70	98	535356	47.93	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	95.86%	
62) 4-Bromofluorobenzene		11.12	95	206445	48.57	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	97.14%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	128782	51.534	ug/l	100
3) Chloromethane	1.31	50	135946	46.257	ug/l	99
4) Vinyl Chloride	1.39	62	159034	51.321	ug/l	99
5) Bromomethane	1.62	94	52364	50.891	ug/l	97
6) Chloroethane	1.70	64	102197	54.900	ug/l	99
7) Trichlorofluoromethane	1.92	101	226296	52.436	ug/l	98
8) Diethyl Ether	2.17	74	93351	51.044	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.36	101	135636	54.832	ug/l	98
10) Methyl Iodide	2.49	142	169274	46.426	ug/l	99
11) Tert butyl alcohol	3.01	59	176495	239.200	ug/l	99
12) 1,1-Dichloroethene	2.36	96	134098	53.622	ug/l	98
13) Acrolein	2.27	56	86097	217.430	ug/l	99
14) Allyl chloride	2.70	41	210322	49.796	ug/l	99
15) Acrylonitrile	3.11	53	436686	269.268	ug/l	100
16) Acetone	2.42	43	346550	257.008	ug/l	99
17) Carbon Disulfide	2.55	76	338303	47.146	ug/l	100
18) Methyl Acetate	2.75	43	166093	50.336	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	483234	53.059	ug/l	99
20) Methylene Chloride	2.83	84	161924	52.677	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	150121	51.489	ug/l	99
22) Diisopropyl ether	3.82	45	457606	53.586	ug/l	92
23) Vinyl Acetate	3.78	43	1744742	239.815	ug/l	100
24) 1,1-Dichloroethane	3.67	63	269653	52.364	ug/l	99
25) 2-Butanone	4.63	43	550775	265.824	ug/l	99
26) 2,2-Dichloropropane	4.55	77	180497	40.701	ug/l	98
27) cis-1,2-Dichloroethene	4.56	96	178033	52.179	ug/l	96
28) Bromochloromethane	4.98	49	118680	48.345	ug/l	100
29) Tetrahydrofuran	5.09	42	357018	267.442	ug/l	100
30) Chloroform	5.18	83	282024	53.262	ug/l	100
31) Cyclohexane	5.55	56	231254	51.823	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	241572	52.977	ug/l	99
36) 1,1-Dichloropropene	5.77	75	205852	50.327	ug/l	99
37) Ethyl Acetate	4.79	43	192800	46.685	ug/l	99
38) Carbon Tetrachloride	5.75	117	204792	51.128	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	241628	50.280	ug/l	100
40) Benzene	6.11	78	634037	50.744	ug/l	100
41) Methacrylonitrile	5.00	41	118441	52.235	ug/l	100
42) 1,2-Dichloroethane	6.16	62	218250	51.124	ug/l	100
43) Isopropyl Acetate	6.41	43	322305	48.003	ug/l	100
44) Trichloroethene	7.18	130	163437	49.854	ug/l	99
45) 1,2-Dichloropropane	7.49	63	161998	51.876	ug/l	95
46) Dibromomethane	7.63	93	109415	51.884	ug/l	99
47) Bromodichloromethane	7.87	83	217045	51.867	ug/l	100
48) Methyl methacrylate	7.74	41	170051	51.497	ug/l	99
49) 1,4-Dioxane	7.71	88	73482	918.595	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	1081323	263.782	ug/l	100
52) Toluene	8.76	92	397289	50.839	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	230689	49.678	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	247793	49.118	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	165211	52.461	ug/l	98
56) Ethyl methacrylate	9.16	69	247620	51.970	ug/l	100
57) 1,3-Dichloropropane	9.35	76	276918	51.497	ug/l	100
59) 2-Hexanone	9.47	43	824004	259.325	ug/l	100
60) Dibromochloromethane	9.56	129	170185	53.190	ug/l	99
61) 1,2-Dibromoethane	9.65	107	171331	51.234	ug/l	99
64) Tetrachloroethene	9.32	164	141258	50.610	ug/l	95
65) Chlorobenzene	10.12	112	420049	50.658	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	156753	52.522	ug/l	99
67) Ethyl Benzene	10.23	91	760408	51.663	ug/l	100
68) m/p-Xylenes	10.34	106	574327	103.554	ug/l	100
69) o-Xylene	10.68	106	275731	51.682	ug/l	100
70) Styrene	10.70	104	469998	52.193	ug/l	100
71) Bromoform	10.84	173	122603	52.220	ug/l #	97
73) Isopropylbenzene	11.00	105	744210	52.040	ug/l	100
74) N-amyl acetate	10.88	43	261811	45.684	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.25	83	264550	52.470	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	296101	63.071	ug/l	88
77) Bromobenzene	11.24	156	185220	50.610	ug/l	100
78) n-propylbenzene	11.34	91	850039	52.042	ug/l	100
79) 2-Chlorotoluene	11.40	91	511331	50.835	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	626690	51.924	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.05	75	77901	47.968	ug/l	99
82) 4-Chlorotoluene	11.49	91	598398	50.796	ug/l	100
83) tert-Butylbenzene	11.76	119	619936	52.372	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	638082	52.483	ug/l	100
85) sec-Butylbenzene	11.93	105	710993	52.609	ug/l	100
86) p-Isopropyltoluene	12.05	119	650058	52.484	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	338303	50.365	ug/l	100
88) 1,4-Dichlorobenzene	12.08	146	342691	50.091	ug/l	100
89) n-Butylbenzene	12.37	91	567233	51.691	ug/l	99
90) Hexachloroethane	12.58	117	111540	52.161	ug/l	100
91) 1,2-Dichlorobenzene	12.37	146	335472	51.234	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	55646	51.339	ug/l	98
93) 1,2,4-Trichlorobenzene	13.63	180	215372	50.529	ug/l	99

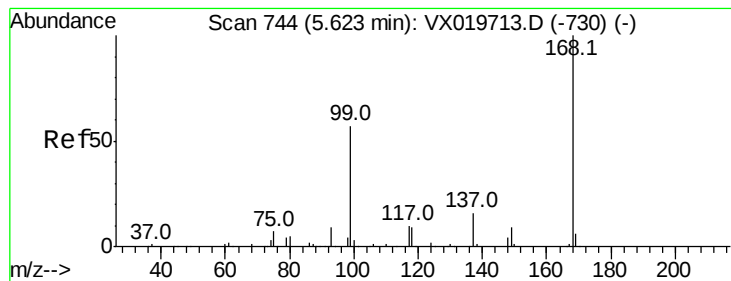
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.76	225	91618	48.091	ug/l	98
95) Naphthalene	13.82	128	742904	53.761	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	211529	50.780	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. 0.01 min

Lab File: VX019808.D

Acq: 10 Dec 2020 04:11

Instrument :

MSVOA_X

ClientSampleId :

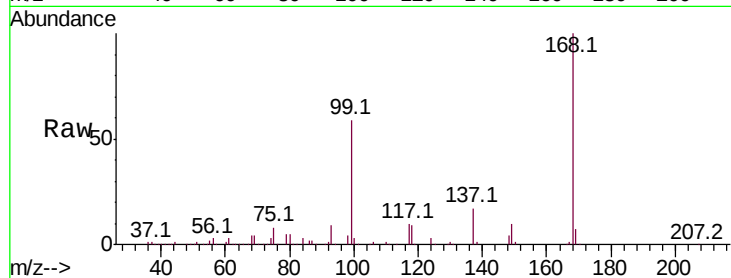
TU032-32-5226-120820MSD

Tot Ion:168 Resp: 272950

Ion Ratio Lower Upper

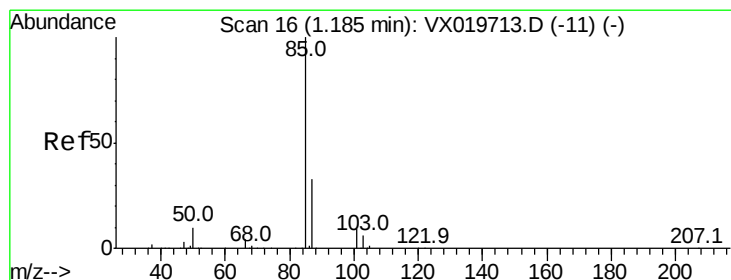
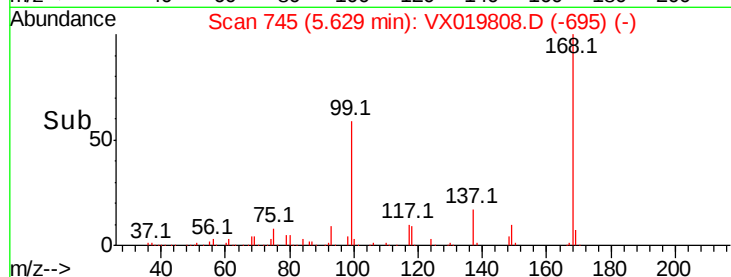
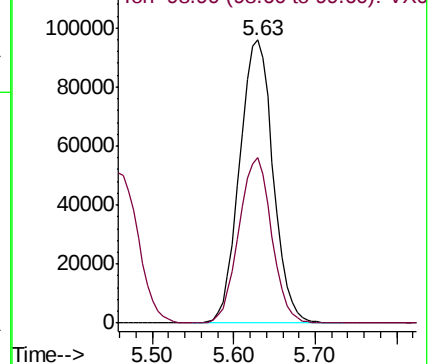
168 100

99 58.5 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 51.534 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX019808.D

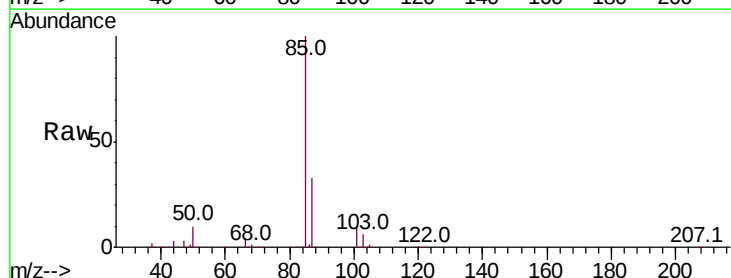
Acq: 10 Dec 2020 04:11

Tgt Ion: 85 Resp: 128782

Ion Ratio Lower Upper

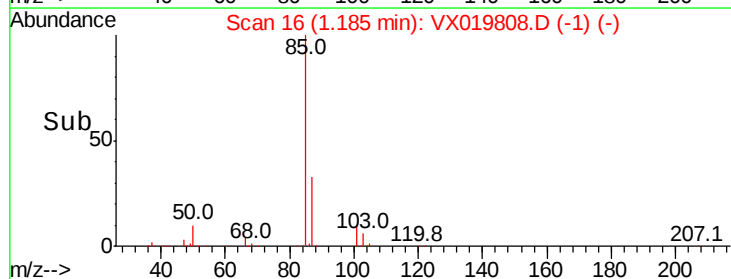
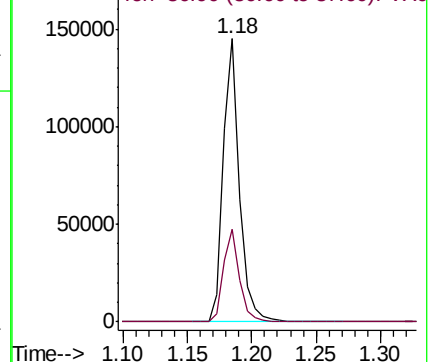
85 100

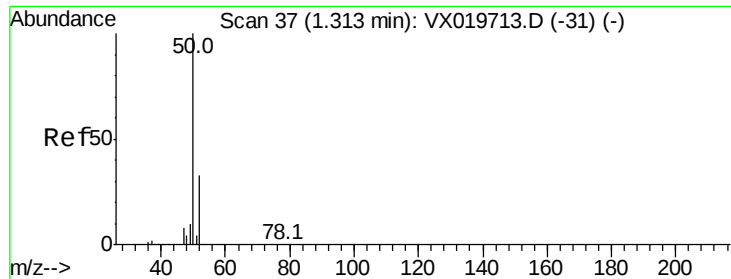
87 32.8 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 46.257 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX019808.D

Acq: 10 Dec 2020 04:11

Instrument :

MSVOA_X

ClientSampleId :

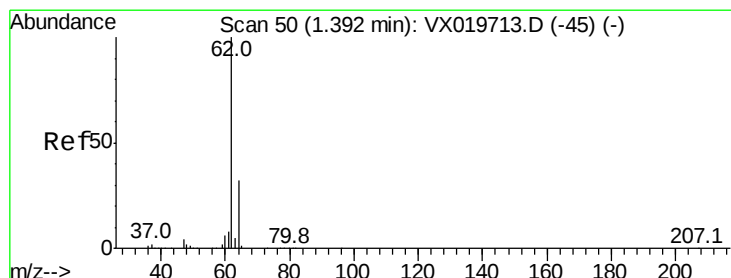
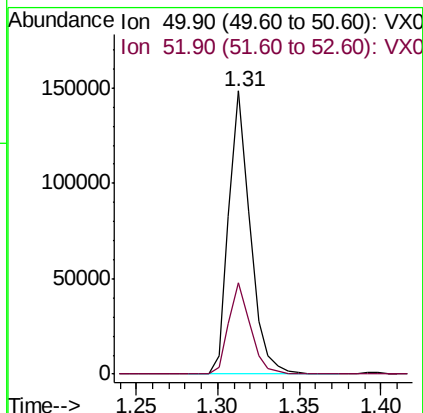
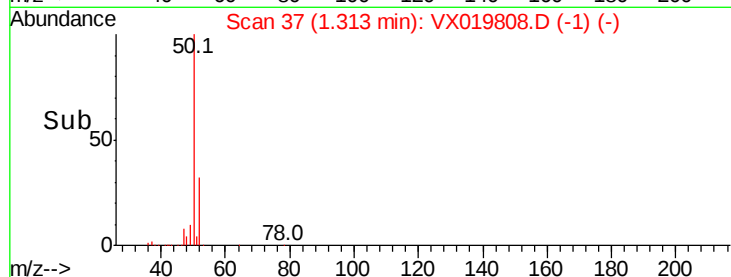
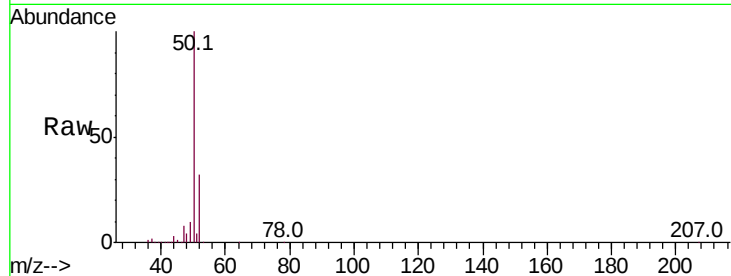
TU032-32-5226-120820MSD

Tot Ion: 50 Resp: 135946

Ion Ratio Lower Upper

50 100

52 32.4 26.4 39.6



#4

Vinyl Chloride

Concen: 51.321 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX019808.D

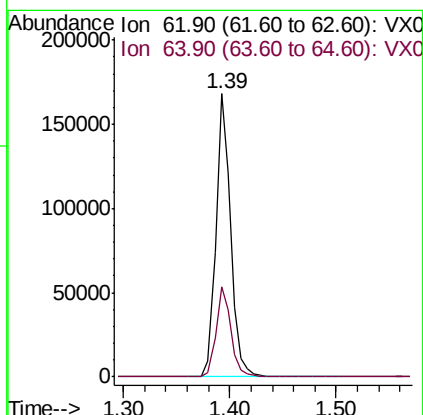
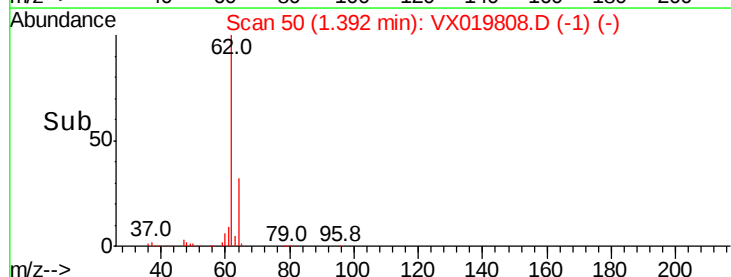
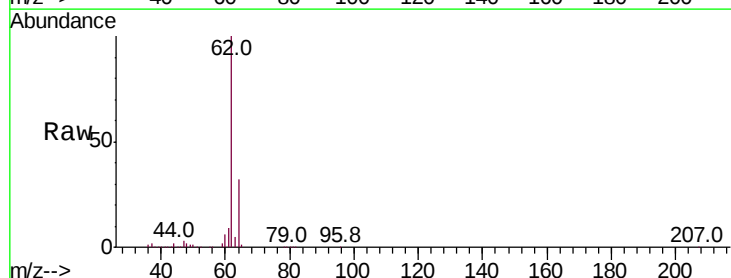
Acq: 10 Dec 2020 04:11

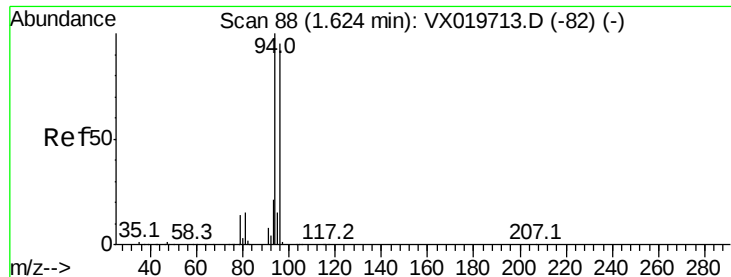
Tgt Ion: 62 Resp: 159034

Ion Ratio Lower Upper

62 100

64 31.8 25.7 38.5





#5

Bromomethane

Concen: 50.891 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VX019808.D

Acq: 10 Dec 2020 04:11

Instrument :

MSVOA_X

ClientSampleId :

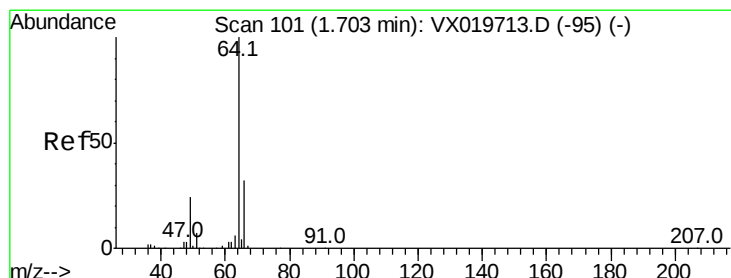
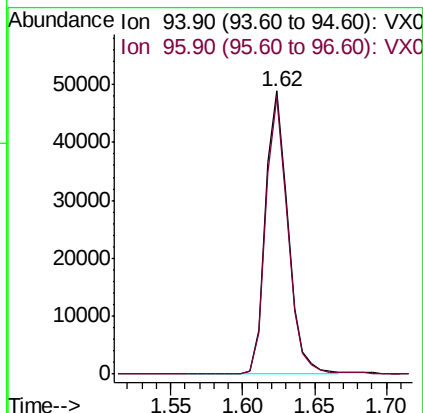
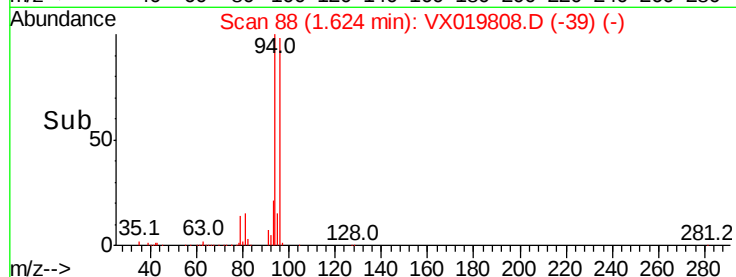
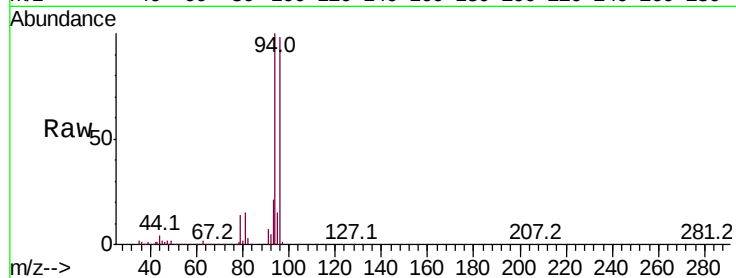
TU032-32-5226-120820MSD

Tot Ion: 94 Resp: 52364

Ion Ratio Lower Upper

94 100

96 98.1 76.4 114.6



#6

Chloroethane

Concen: 54.900 ug/l

RT: 1.70 min Scan# 101

Delta R.T. -0.00 min

Lab File: VX019808.D

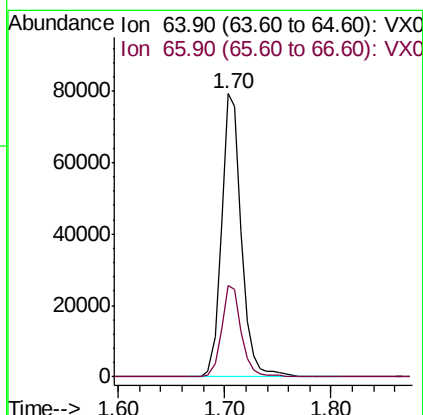
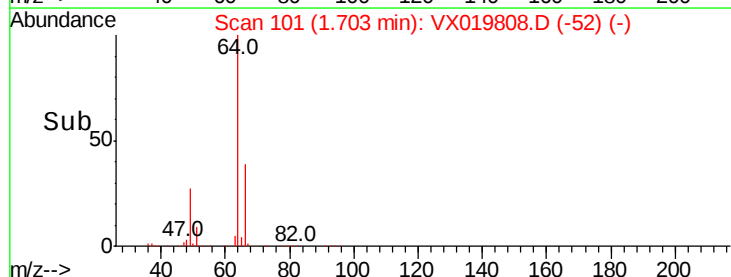
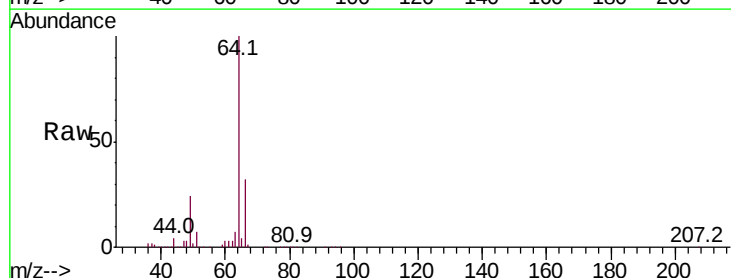
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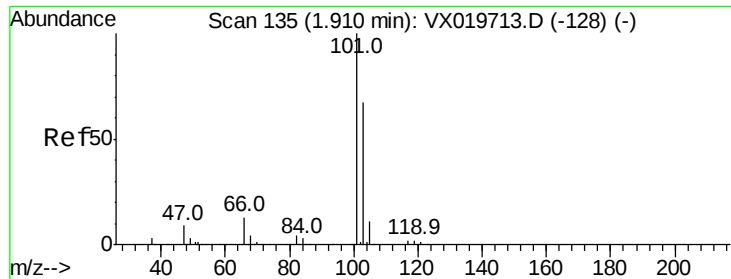
Tgt Ion: 64 Resp: 102197

Ion Ratio Lower Upper

64 100

66 32.2 25.4 38.0



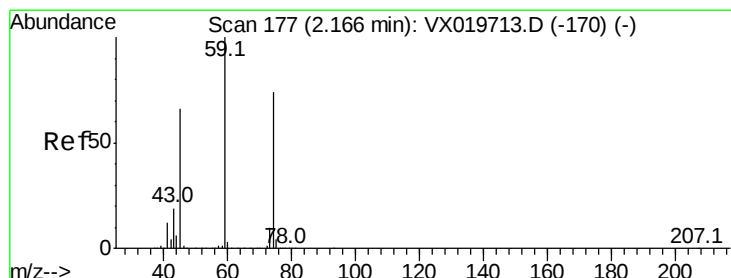
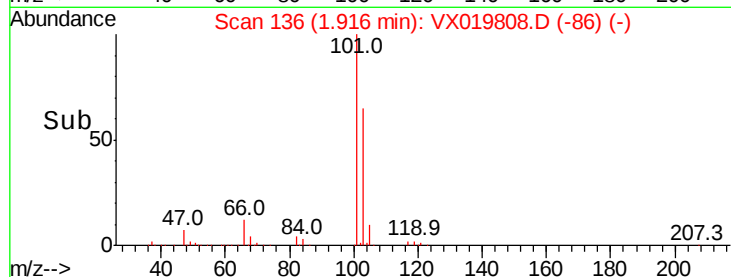
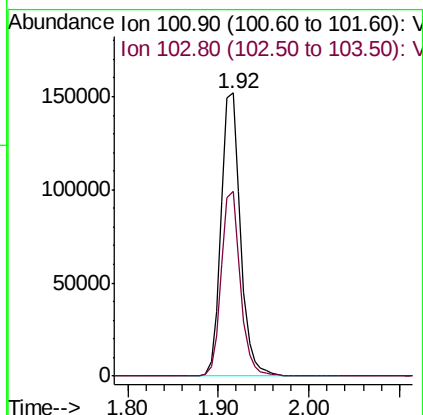
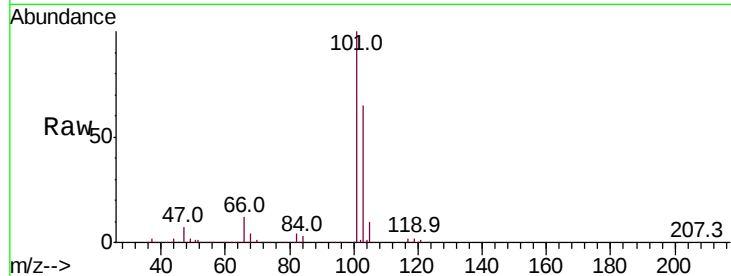


#7

Trichlorofluoromethane
Concen: 52.436 ug/l
RT: 1.92 min Scan# 136
Delta R.T. 0.01 min
Lab File: VX019808.D
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Instrument :
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TU032-32-5226-120820MSD

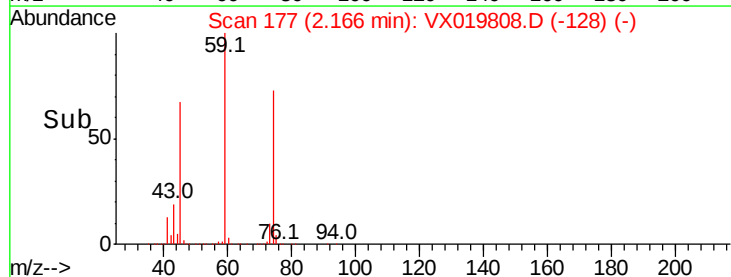
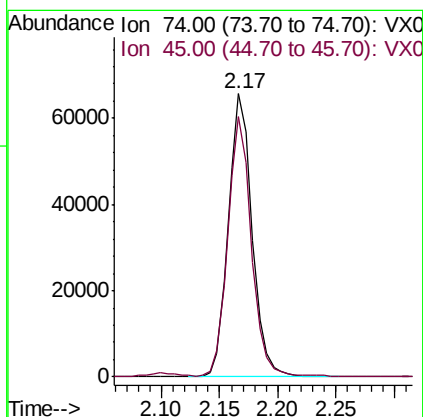
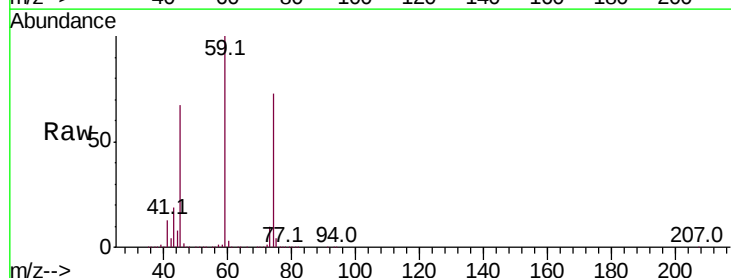
Tot Ion:101 Resp: 226296
Ion Ratio Lower Upper
101 100
103 65.3 53.2 79.8

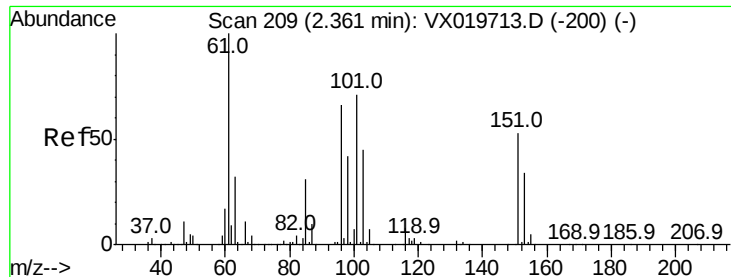


#8

Diethyl Ether
Concen: 51.044 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX019808.D
Acq: 10 Dec 2020 04:11

Tgt Ion: 74 Resp: 93351
Ion Ratio Lower Upper
74 100
45 90.3 44.5 133.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 54.832 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.00 min

Lab File: VX019808.D

Acq: 10 Dec 2020 04:11

Instrument :

MSVOA_X

ClientSampleId :

TU032-32-5226-120820MSD

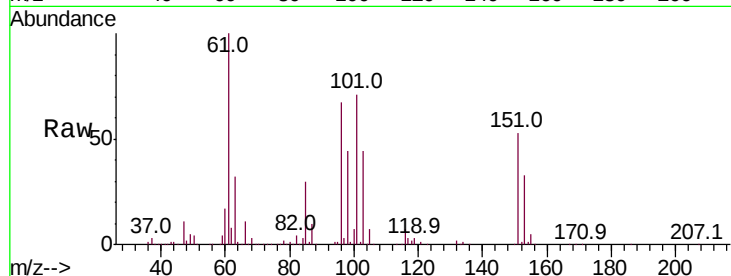
Tot Ion:101 Resp: 135636

Ion Ratio Lower Upper

101 100

85 42.1 34.9 52.3

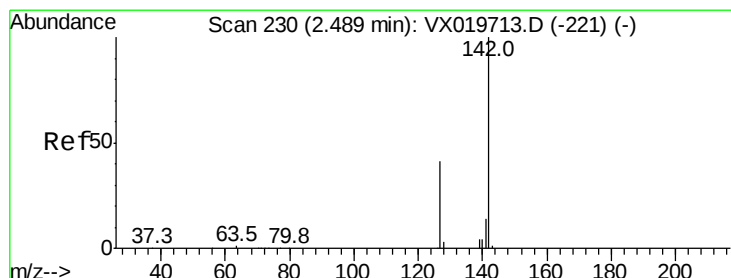
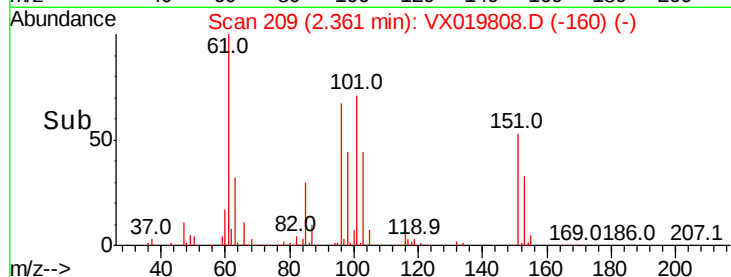
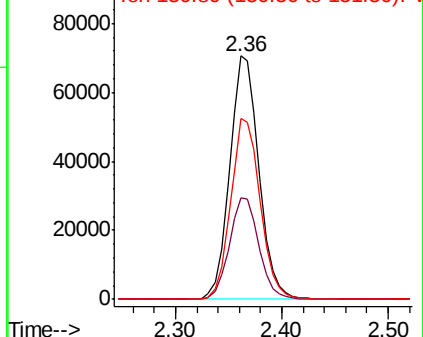
151 75.3 61.4 92.2



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: 46.426 ug/l

RT: 2.49 min Scan# 230

Delta R.T. -0.00 min

Lab File: VX019808.D

Acq: 10 Dec 2020 04:11

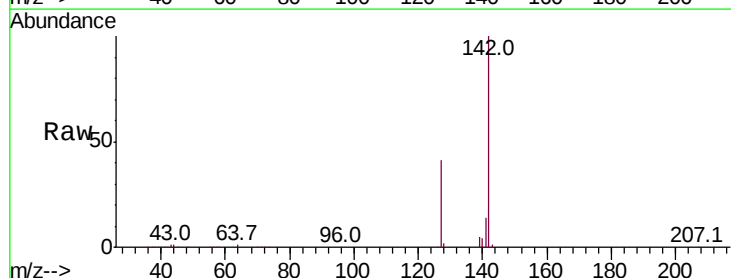
Tgt Ion:142 Resp: 169274

Ion Ratio Lower Upper

142 100

127 41.3 33.3 49.9

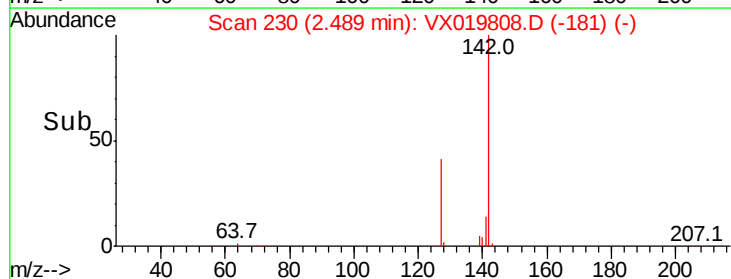
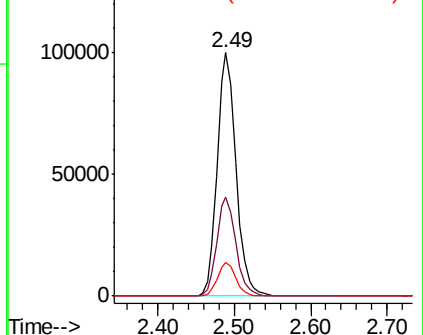
141 13.9 11.4 17.0

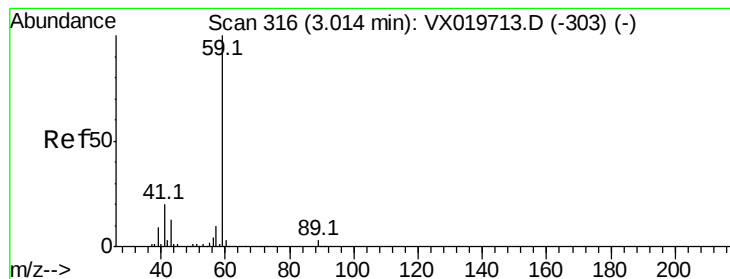


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



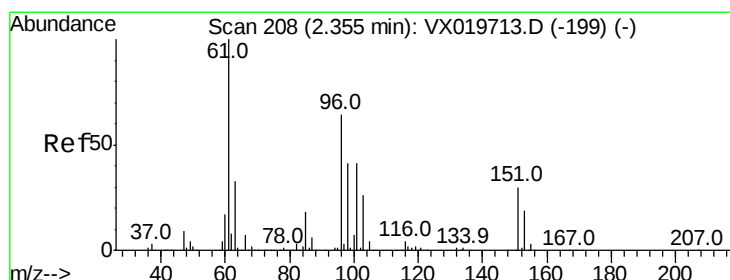
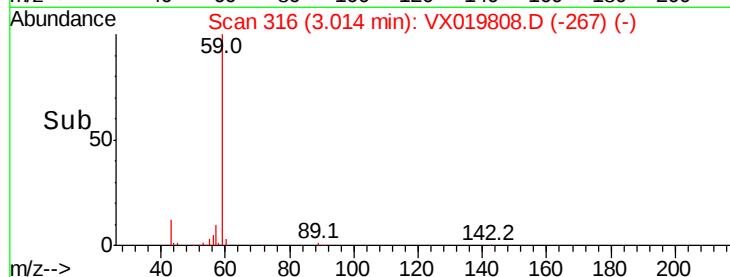
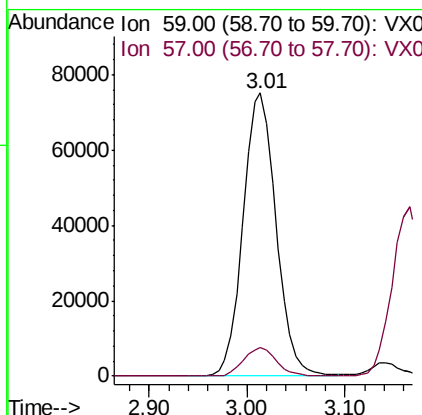
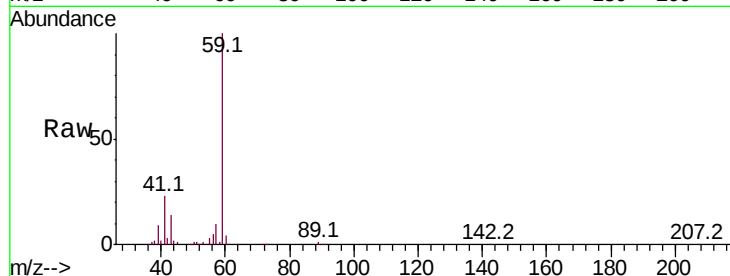


#11

Tert butyl alcohol
 Concen: 239.200 ug/l
 RT: 3.01 min Scan# 316
 Delta R.T. 0.00 min
 Lab File: VX019808.D
 Acq: 10 Dec 2020 04:11

Instrument :
 MSVOA_X
 ClientSampleId :
 TU032-32-5226-120820MSD

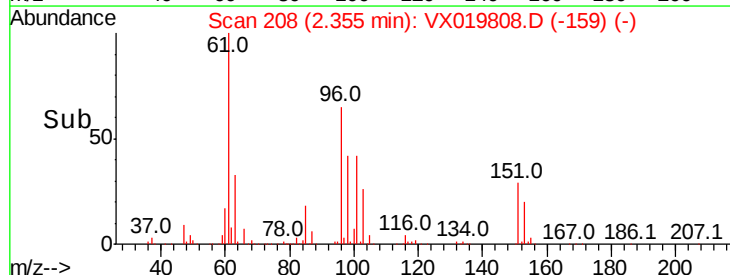
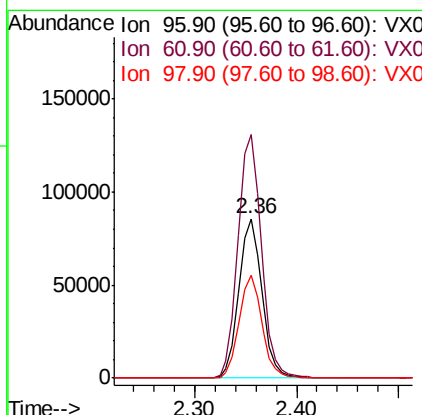
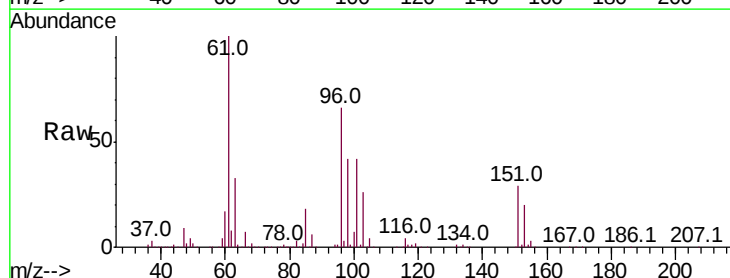
Tot Ion: 59 Resp: 176495
 Ion Ratio Lower Upper
 59 100
 57 10.0 7.8 11.8

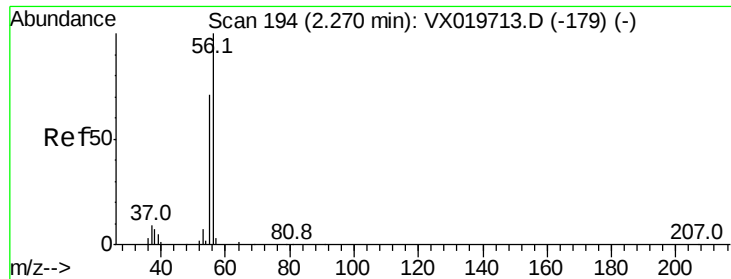


#12

1,1-Dichloroethene
 Concen: 53.622 ug/l
 RT: 2.36 min Scan# 208
 Delta R.T. -0.00 min
 Lab File: VX019808.D
 Acq: 10 Dec 2020 04:11

Tgt Ion: 96 Resp: 134098
 Ion Ratio Lower Upper
 96 100
 61 152.6 124.6 187.0
 98 64.1 50.6 76.0





#13

Acrolein

Concen: 217.430 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.00 min

Lab File: VX019808.D

Acq: 10 Dec 2020 04:11

Instrument :

MSVOA_X

ClientSampleId :

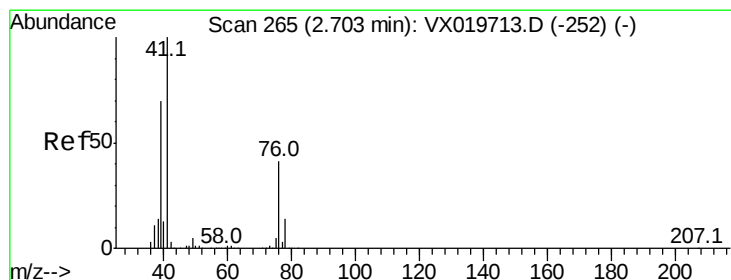
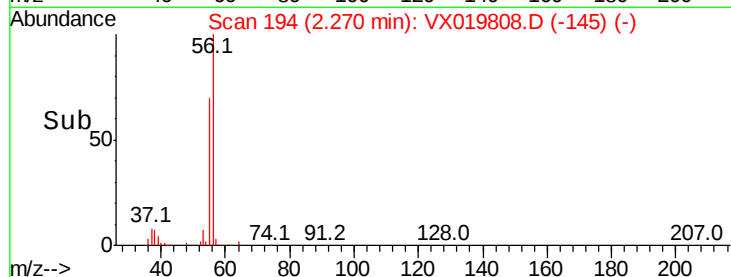
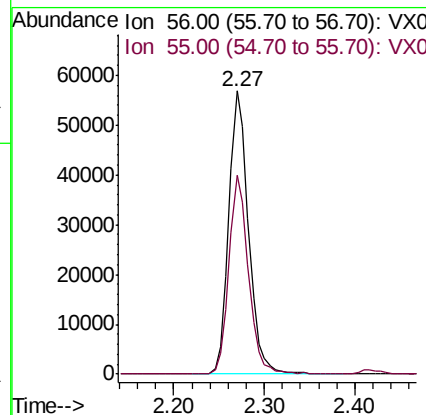
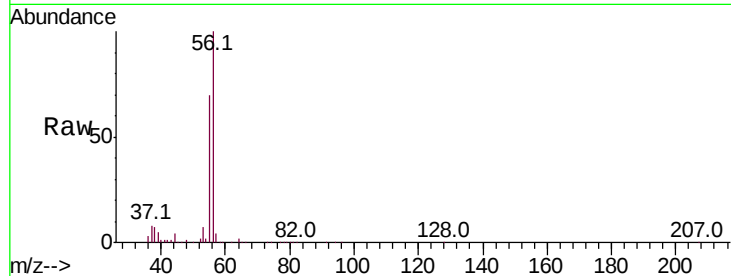
TU032-32-5226-120820MSD

Tot Ion: 56 Resp: 86097

Ion Ratio Lower Upper

56 100

55 69.8 56.4 84.6



#14

Allyl chloride

Concen: 49.796 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.00 min

Lab File: VX019808.D

Acq: 10 Dec 2020 04:11

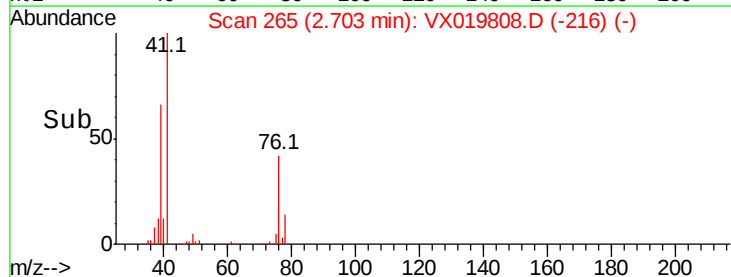
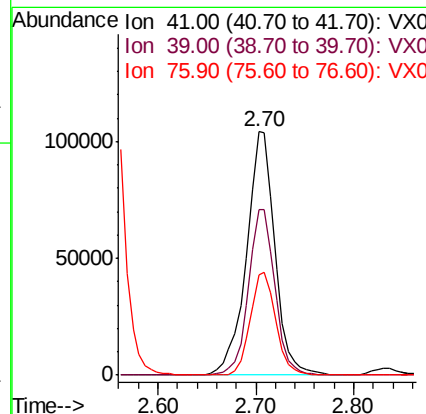
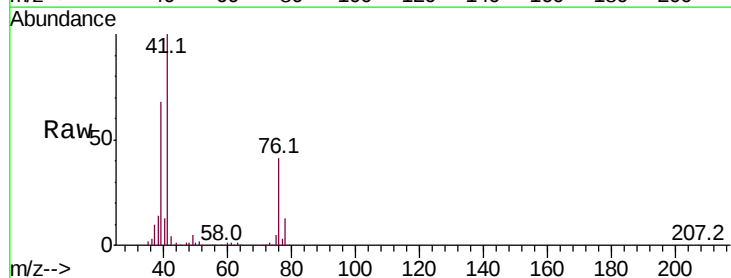
Tgt Ion: 41 Resp: 210322

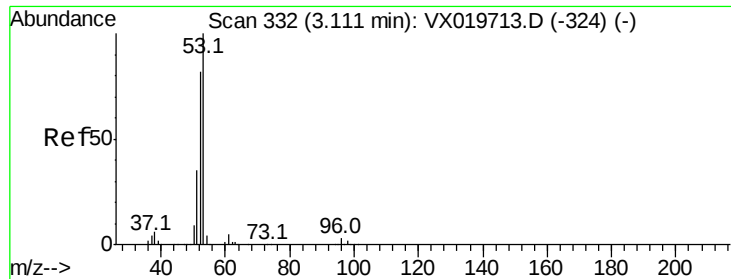
Ion Ratio Lower Upper

41 100

39 63.2 51.6 77.4

76 37.7 30.5 45.7





#15

Acrylonitrile

Concen: 269.268 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.00 min

Lab File: VX019808.D

Acq: 10 Dec 2020 04:11

Instrument :

MSVOA_X

ClientSampleId :

TU032-32-5226-120820MSD

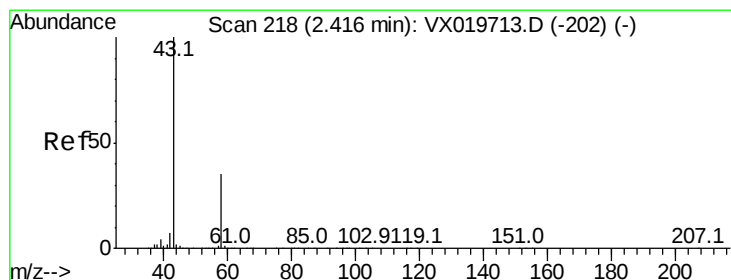
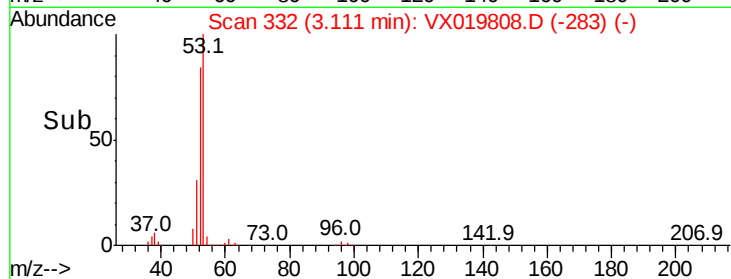
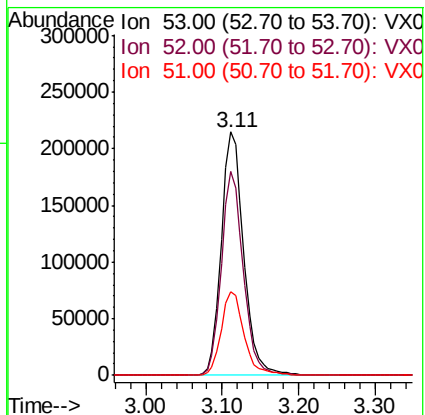
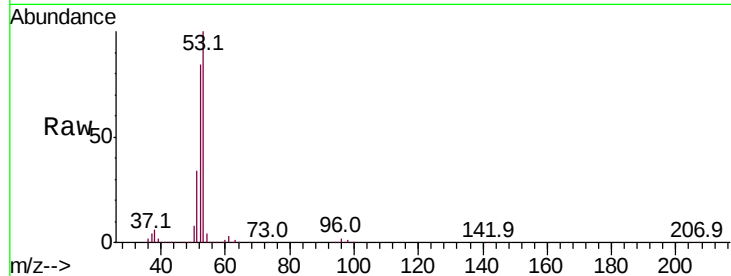
Tot Ion: 53 Resp: 436686

Ion Ratio Lower Upper

53 100

52 81.5 65.3 97.9

51 35.2 28.2 42.2



#16

Acetone

Concen: 257.008 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.00 min

Lab File: VX019808.D

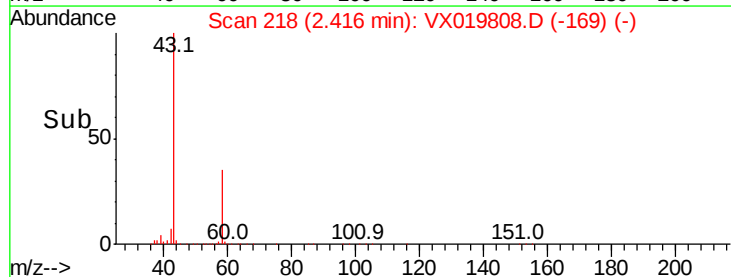
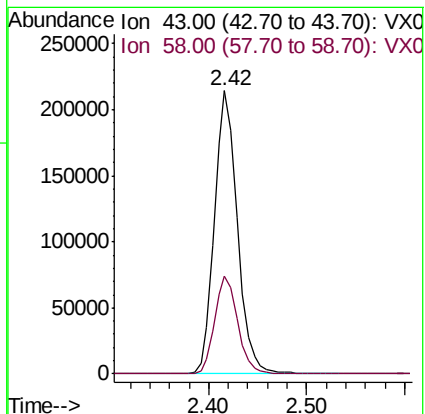
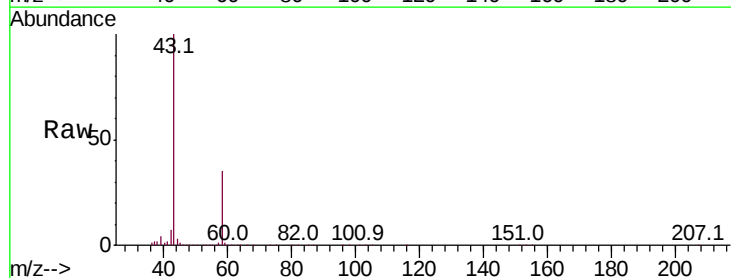
Acq: 10 Dec 2020 04:11

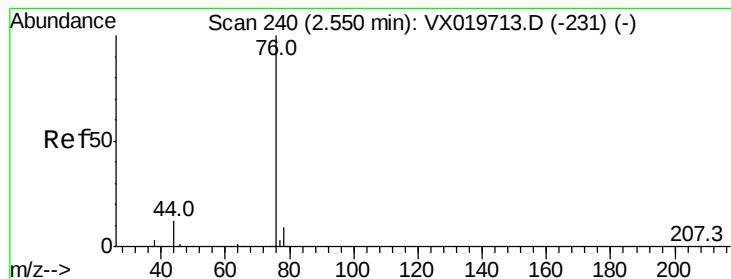
Tgt Ion: 43 Resp: 346550

Ion Ratio Lower Upper

43 100

58 34.5 27.8 41.8





#17

Carbon Disulfide

Concen: 47.146 ug/l

RT: 2.55 min Scan# 240

Delta R.T. -0.00 min

Lab File: VX019808.D

Acq: 10 Dec 2020 04:11

Instrument :

MSVOA_X

ClientSampleId :

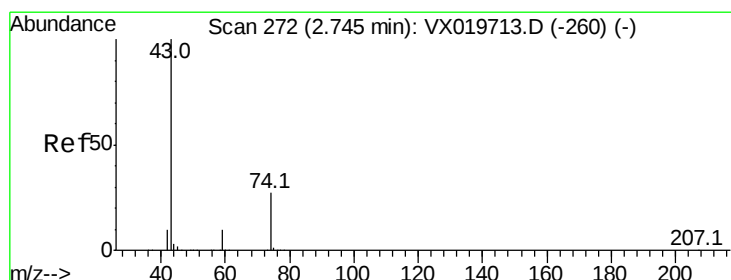
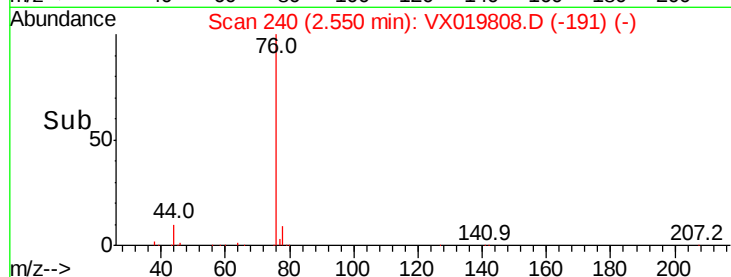
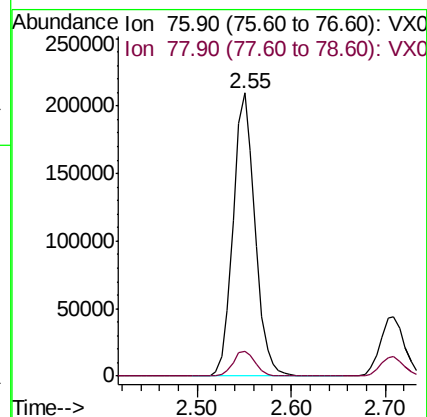
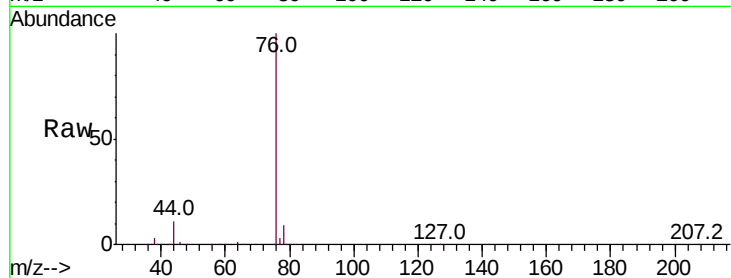
TU032-32-5226-120820MSD

Tot Ion: 76 Resp: 338303

Ion Ratio Lower Upper

76 100

78 9.0 7.2 10.8



#18

Methyl Acetate

Concen: 50.336 ug/l

RT: 2.75 min Scan# 272

Delta R.T. -0.00 min

Lab File: VX019808.D

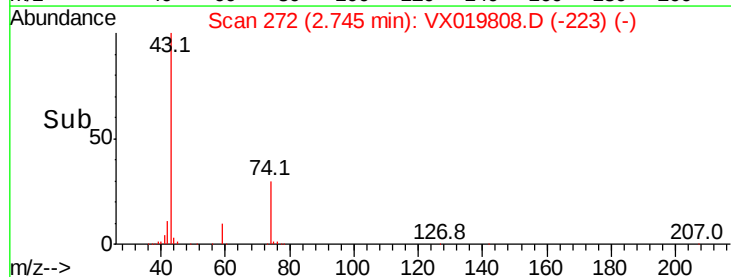
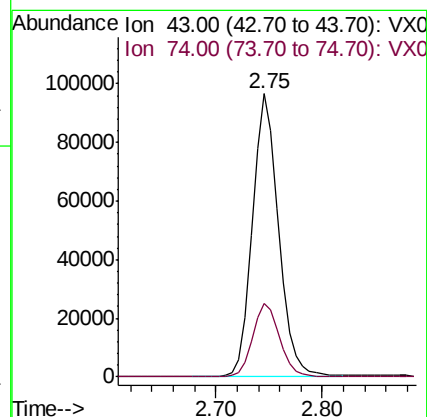
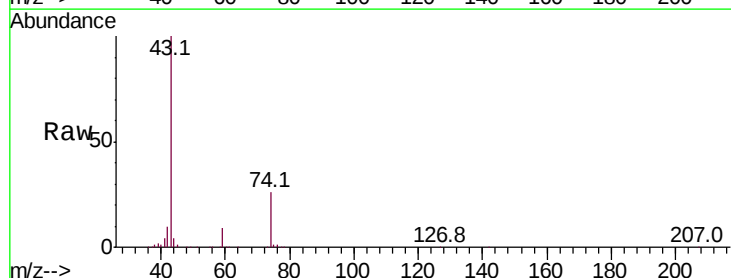
Acq: 10 Dec 2020 04:11

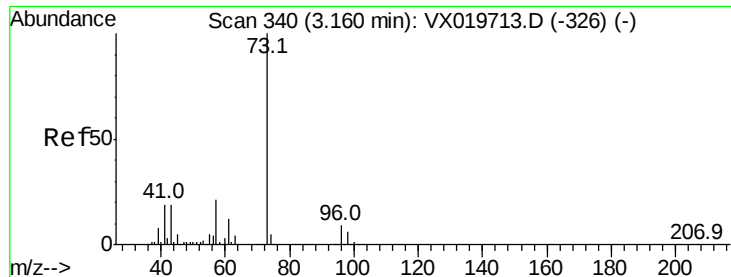
Tgt Ion: 43 Resp: 166093

Ion Ratio Lower Upper

43 100

74 27.3 21.9 32.9



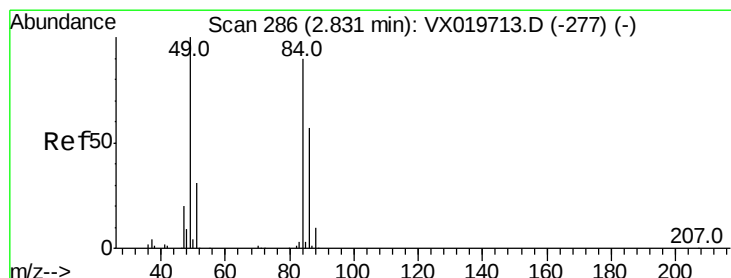
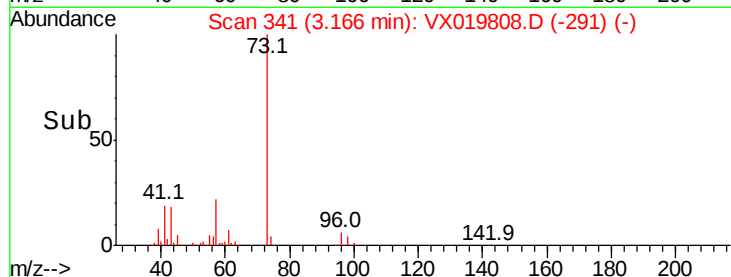
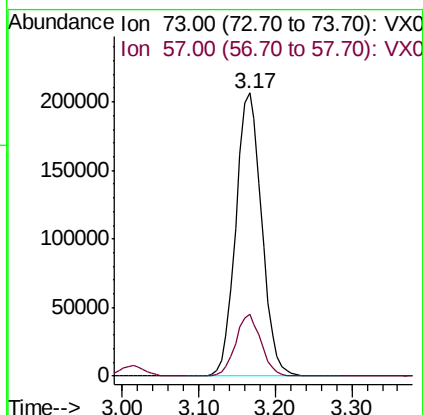
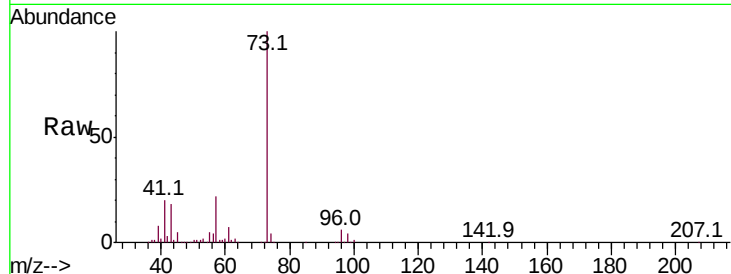


#19

Methyl tert-butyl Ether
 Concen: 53.059 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. 0.01 min
 Lab File: VX019808.D
 Acq: 10 Dec 2020 04:11

Instrument :
 MSVOA_X
 ClientSampleId :
 TU032-32-5226-120820MSD

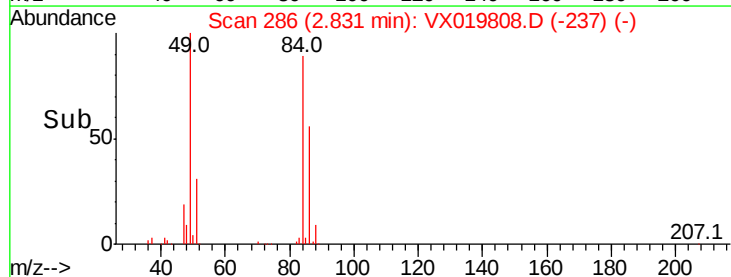
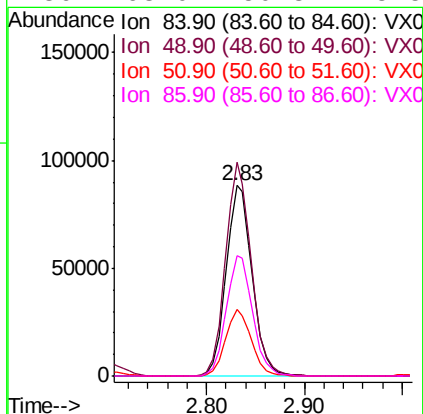
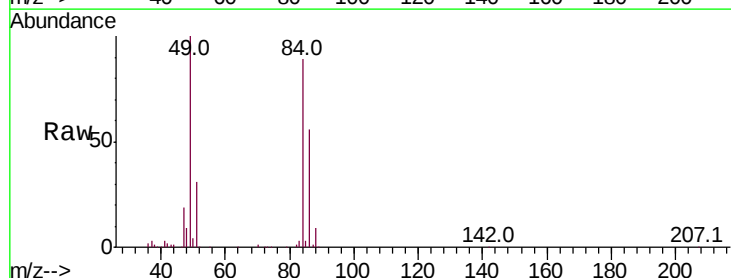
Tot Ion: 73 Resp: 483234
 Ion Ratio Lower Upper
 73 100
 57 21.7 17.1 25.7

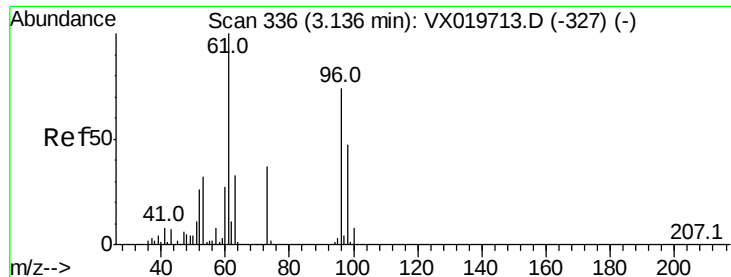


#20

Methylene Chloride
 Concen: 52.677 ug/l
 RT: 2.83 min Scan# 286
 Delta R.T. 0.00 min
 Lab File: VX019808.D
 Acq: 10 Dec 2020 04:11

Tgt Ion: 84 Resp: 161924
 Ion Ratio Lower Upper
 84 100
 49 112.0 88.6 132.8
 51 34.7 27.0 40.6
 86 63.0 50.3 75.5





#21

trans-1,2-Dichloroethene

Concen: 51.489 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.01 min

Lab File: VX019808.D

Acq: 10 Dec 2020 04:11

Instrument :

MSVOA_X

ClientSampleId :

TU032-32-5226-120820MSD

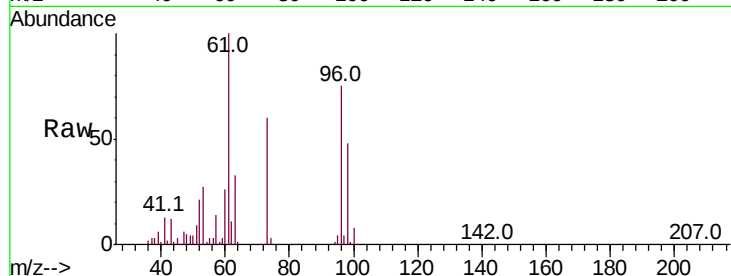
Tot Ion: 96 Resp: 150121

Ion Ratio Lower Upper

96 100

61 133.1 107.7 161.5

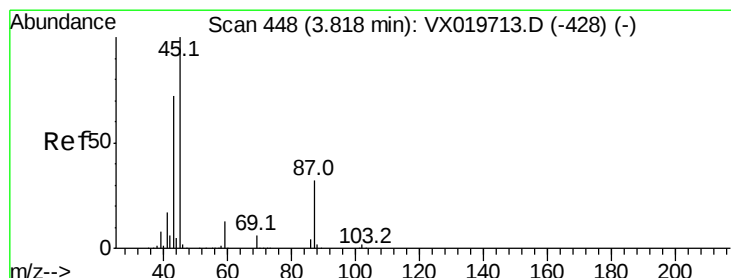
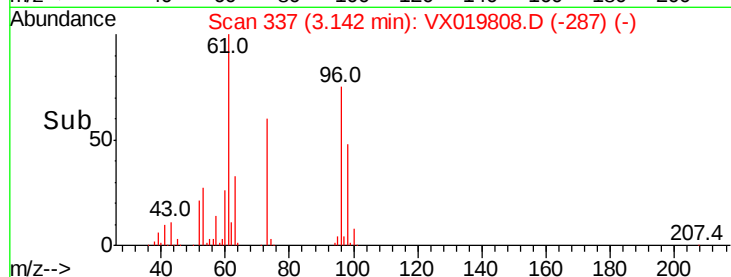
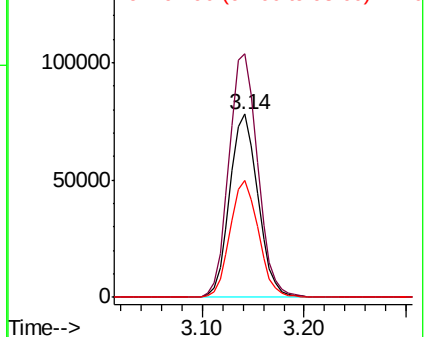
98 63.8 50.4 75.6



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: 53.586 ug/l

RT: 3.82 min Scan# 449

Delta R.T. 0.01 min

Lab File: VX019808.D

Acq: 10 Dec 2020 04:11

Tgt Ion: 45 Resp: 457606

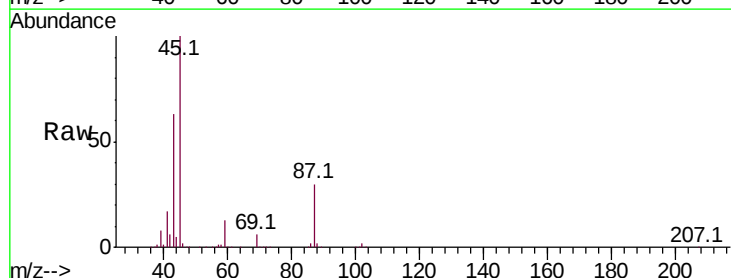
Ion Ratio Lower Upper

45 100

43 62.4 58.0 87.0

87 30.4 25.4 38.0

59 12.6 10.2 15.2

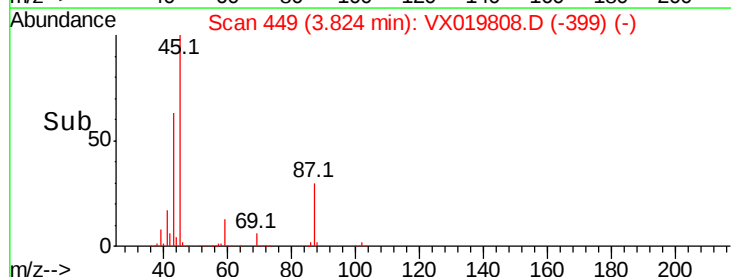
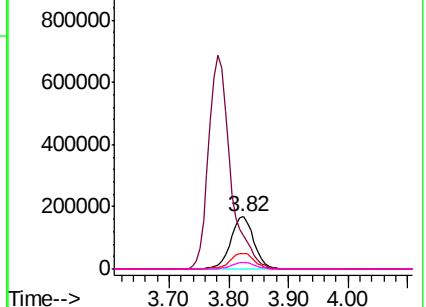


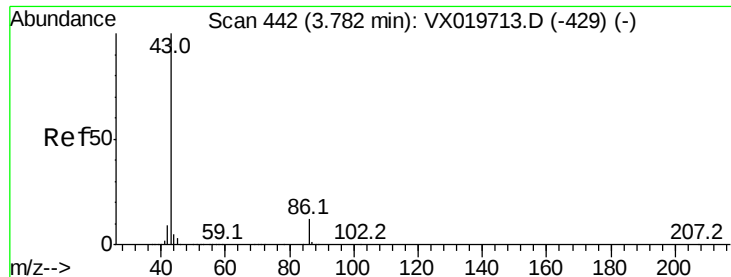
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 239.815 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.00 min

Lab File: VX019808.D

Acq: 10 Dec 2020 04:11

Instrument :

MSVOA_X

ClientSampleId :

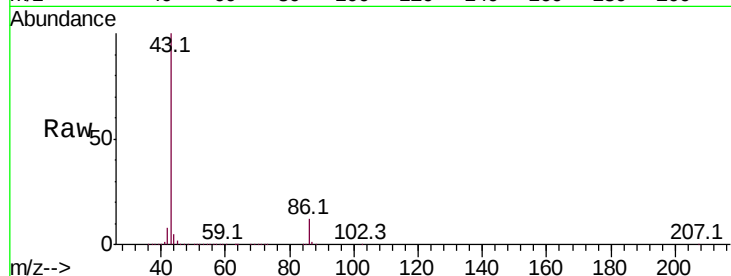
TU032-32-5226-120820MSD

Tot Ion: 43 Resp: 1744742

Ion Ratio Lower Upper

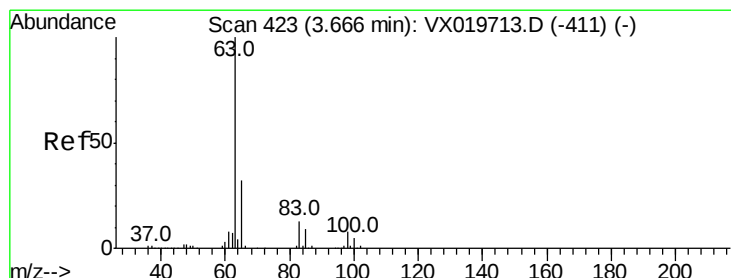
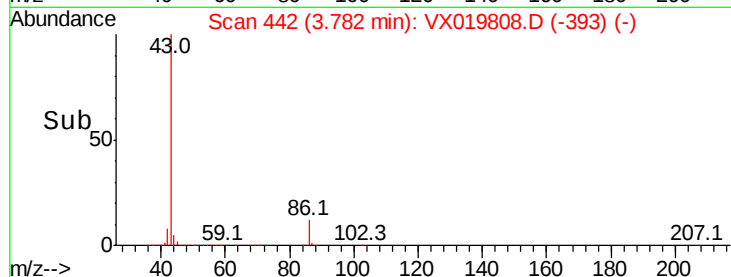
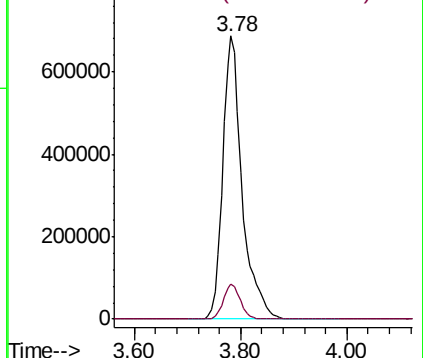
43 100

86 12.3 9.9 14.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 52.364 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX019808.D

Acq: 10 Dec 2020 04:11

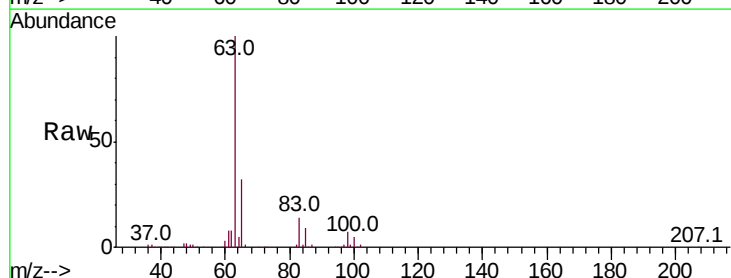
Tgt Ion: 63 Resp: 269653

Ion Ratio Lower Upper

63 100

98 7.3 3.8 11.2

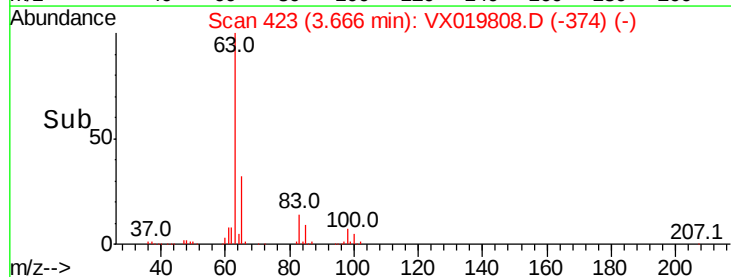
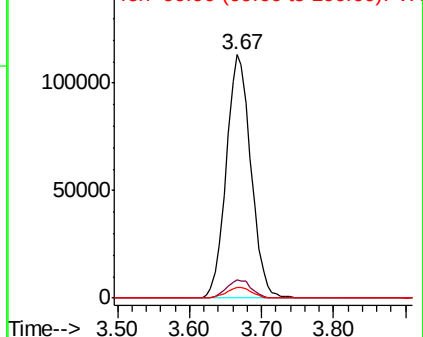
100 4.6 2.5 7.5

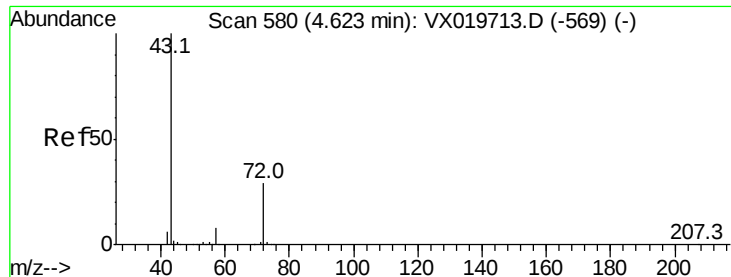


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 265.824 ug/l

RT: 4.63 min Scan# 581

Delta R.T. 0.01 min

Lab File: VX019808.D

Acq: 10 Dec 2020 04:11

Instrument :

MSVOA_X

ClientSampleId :

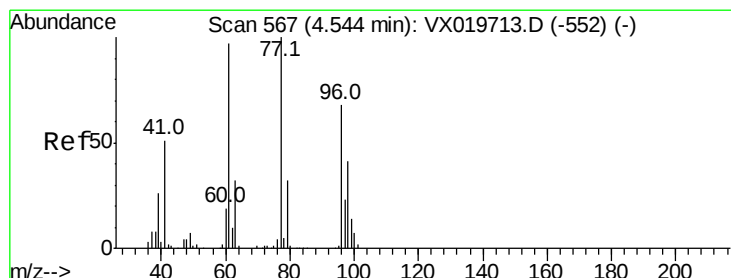
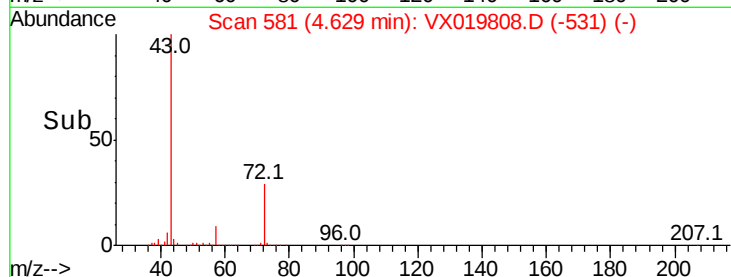
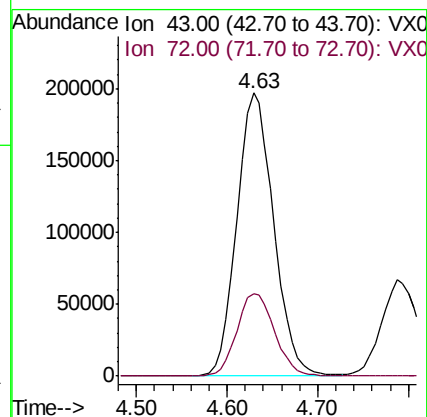
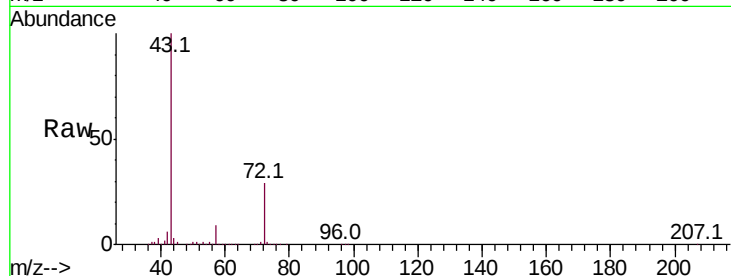
TU032-32-5226-120820MSD

Tot Ion: 43 Resp: 550775

Ion Ratio Lower Upper

43 100

72 29.2 23.7 35.5



#26

2,2-Dichloropropane

Concen: 40.701 ug/l

RT: 4.55 min Scan# 568

Delta R.T. 0.01 min

Lab File: VX019808.D

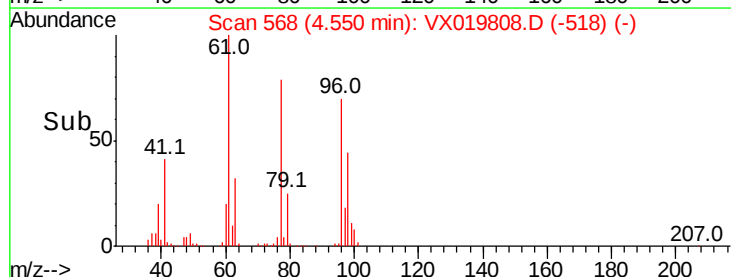
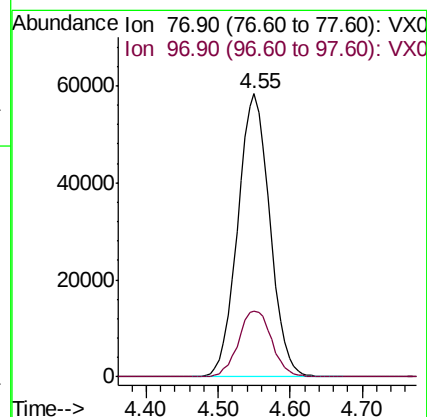
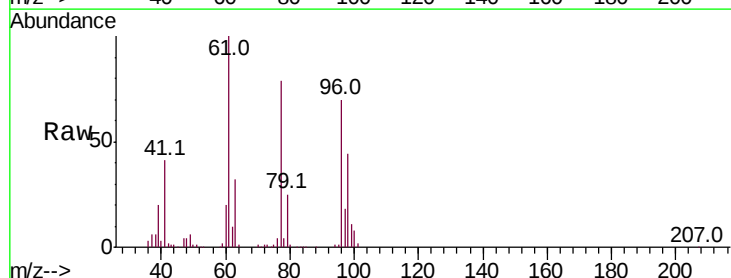
Acq: 10 Dec 2020 04:11

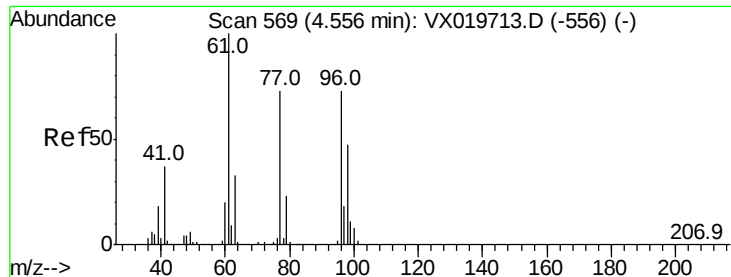
Tgt Ion: 77 Resp: 180497

Ion Ratio Lower Upper

77 100

97 24.1 11.7 35.1





#27

cis-1,2-Dichloroethene

Concen: 52.179 ug/l

RT: 4.56 min Scan# 570

Delta R.T. 0.01 min

Lab File: VX019808.D

Acq: 10 Dec 2020 04:11

Instrument :

MSVOA_X

ClientSampleId :

TU032-32-5226-120820MSD

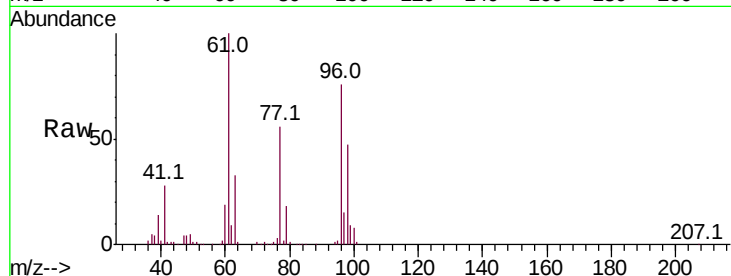
Tot Ion: 96 Resp: 178033

Ion Ratio Lower Upper

96 100

61 136.1 0.0 285.6

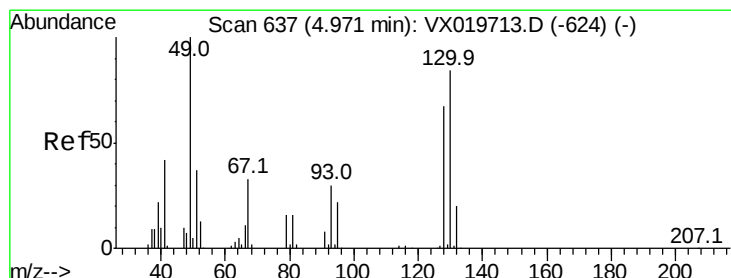
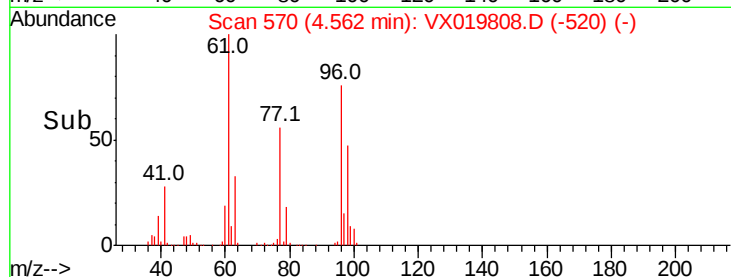
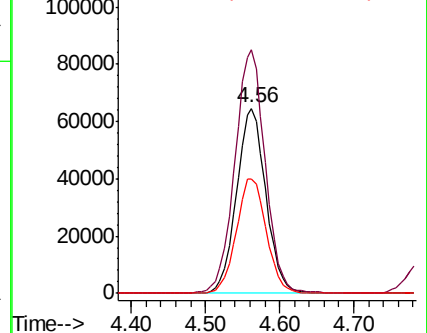
98 63.5 0.0 129.6



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



#28

Bromochloromethane

Concen: 48.345 ug/l

RT: 4.98 min Scan# 638

Delta R.T. 0.01 min

Lab File: VX019808.D

Acq: 10 Dec 2020 04:11

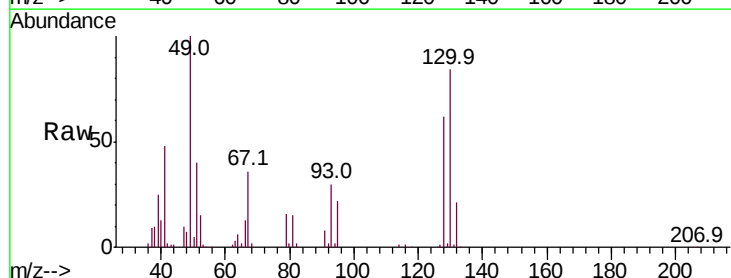
Tgt Ion: 49 Resp: 118680

Ion Ratio Lower Upper

49 100

129 2.1 0.0 4.0

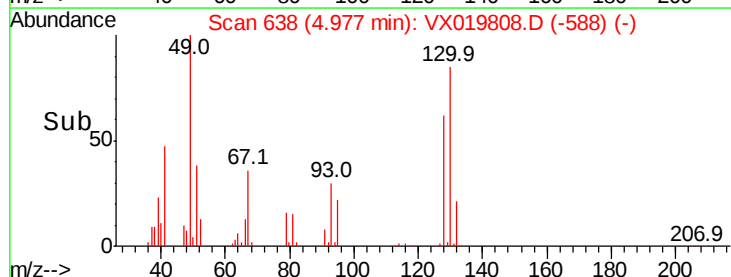
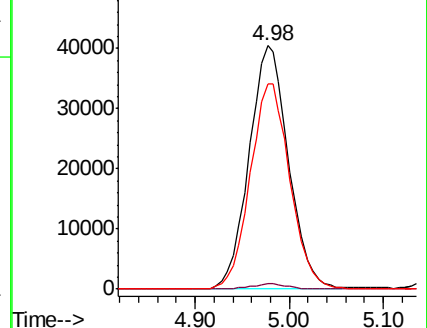
130 85.2 68.2 102.2

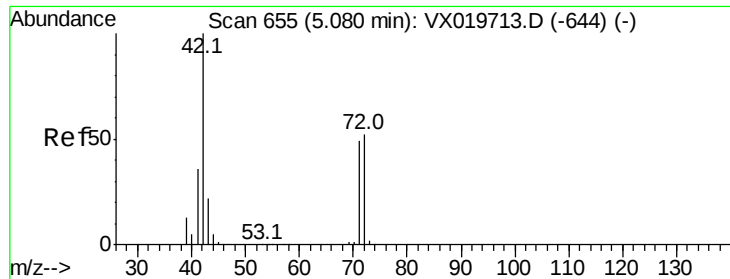


Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 267.442 ug/l

RT: 5.09 min Scan# 656

Delta R.T. 0.01 min

Lab File: VX019808.D

Acq: 10 Dec 2020 04:11

Instrument :

MSVOA_X

ClientSampleId :

TU032-32-5226-120820MSD

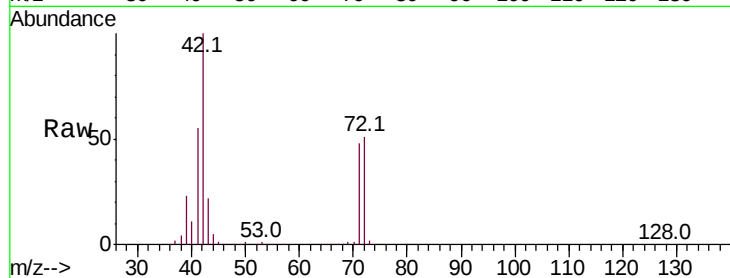
Tot Ion: 42 Resp: 357018

Ion Ratio Lower Upper

42 100

72 51.8 41.7 62.5

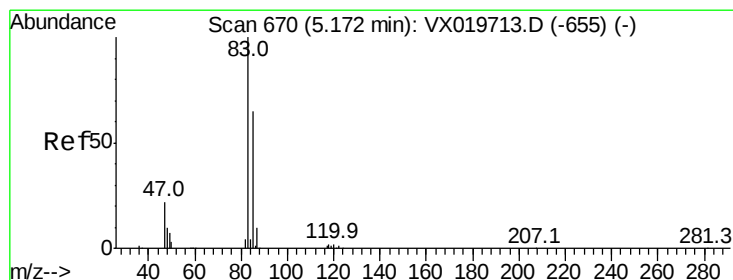
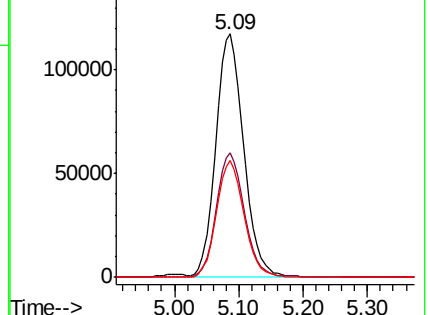
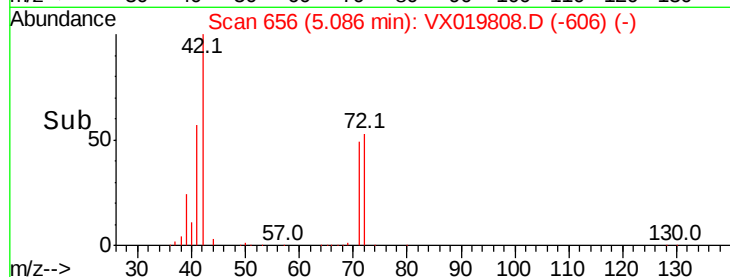
71 47.7 38.4 57.6



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: 53.262 ug/l

RT: 5.18 min Scan# 671

Delta R.T. 0.01 min

Lab File: VX019808.D

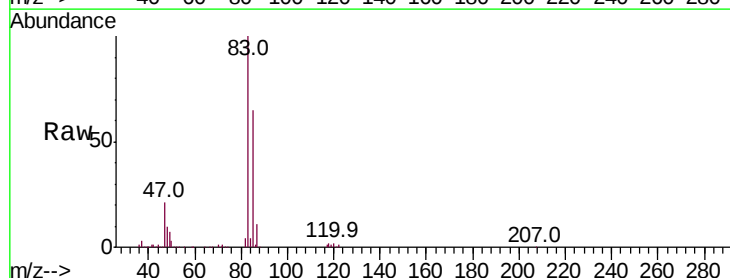
Acq: 10 Dec 2020 04:11

Tgt Ion: 83 Resp: 282024

Ion Ratio Lower Upper

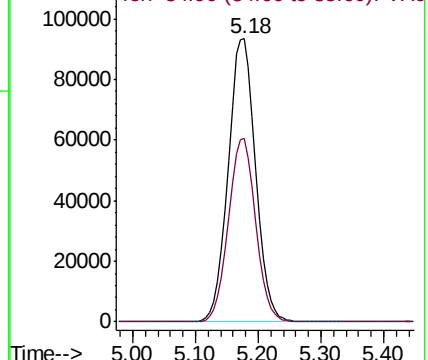
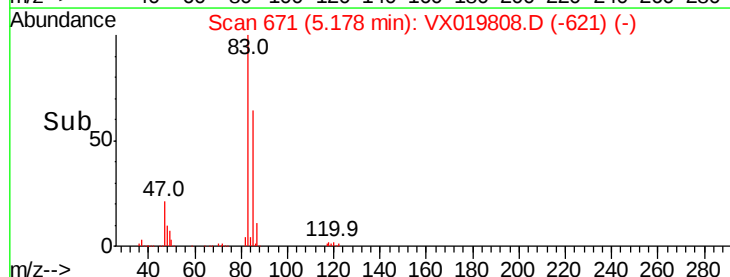
83 100

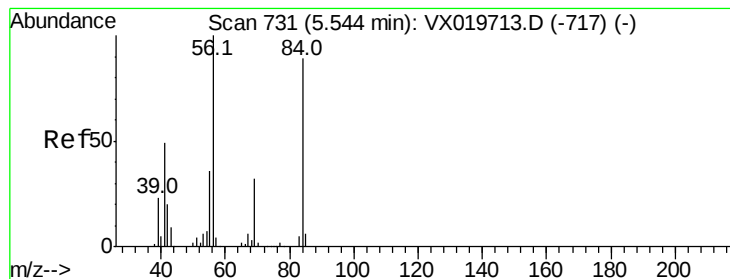
85 64.9 52.0 78.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 51.823 ug/l

RT: 5.55 min Scan# 732

Delta R.T. 0.01 min

Lab File: VX019808.D

Acq: 10 Dec 2020 04:11

Instrument :

MSVOA_X

ClientSampleId :

TU032-32-5226-120820MSD

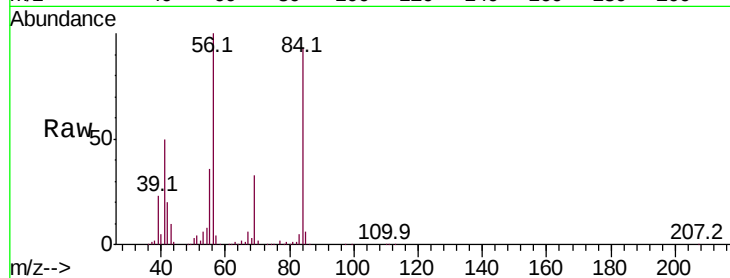
Tot Ion: 56 Resp: 231254

Ion Ratio Lower Upper

56 100

69 32.5 25.3 37.9

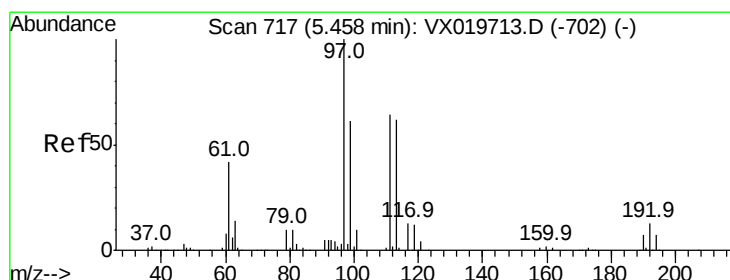
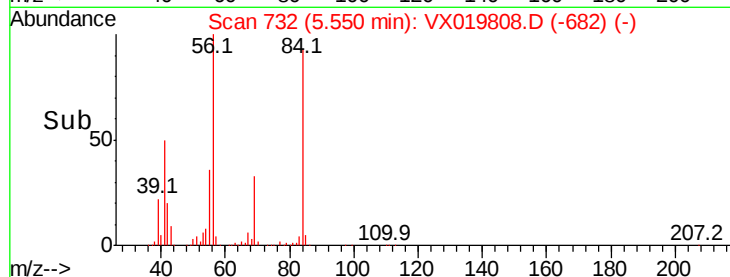
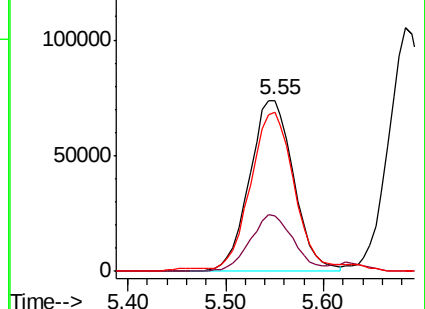
84 91.5 71.4 107.0



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: 52.977 ug/l

RT: 5.46 min Scan# 717

Delta R.T. -0.00 min

Lab File: VX019808.D

Acq: 10 Dec 2020 04:11

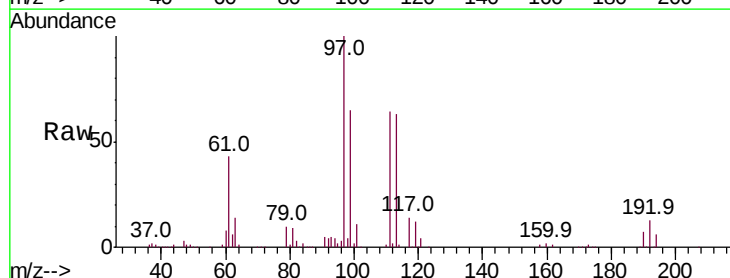
Tgt Ion: 97 Resp: 241572

Ion Ratio Lower Upper

97 100

99 63.8 51.5 77.3

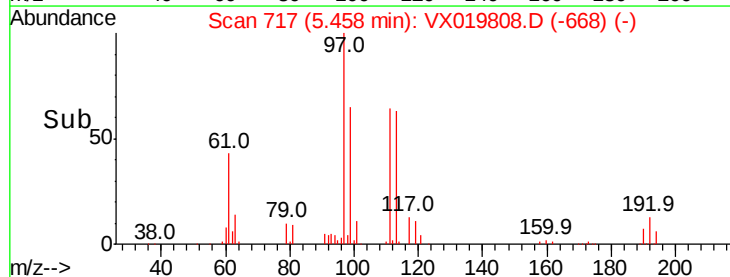
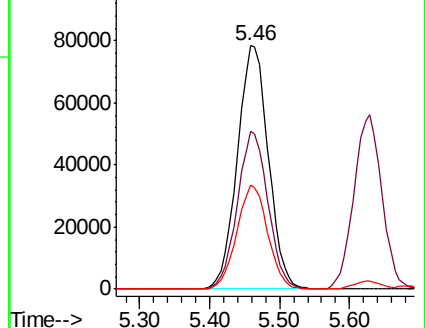
61 42.6 34.2 51.4

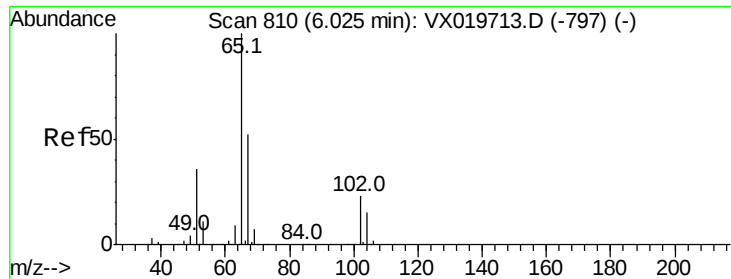


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 47.360 ug/l

RT: 6.03 min Scan# 810

Delta R.T. -0.00 min

Lab File: VX019808.D

Acq: 10 Dec 2020 04:11

Instrument :

MSVOA_X

ClientSampleId :

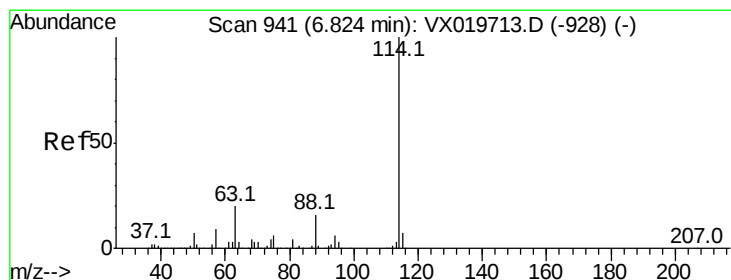
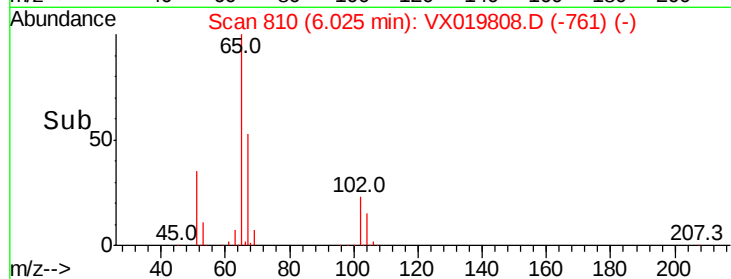
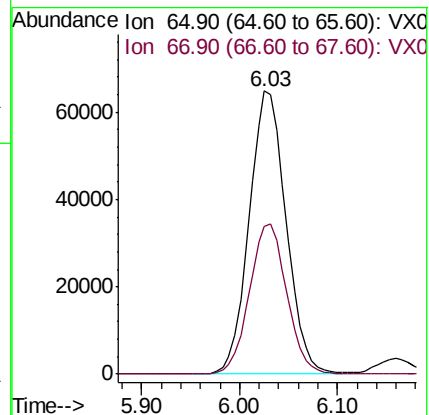
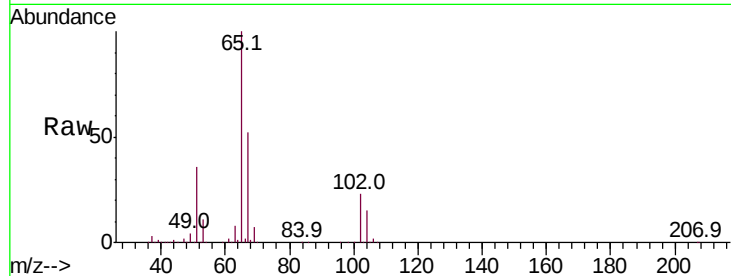
TU032-32-5226-120820MSD

Tot Ion: 65 Resp: 169896

Ion Ratio Lower Upper

65 100

67 53.5 0.0 105.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. 0.01 min

Lab File: VX019808.D

Acq: 10 Dec 2020 04:11

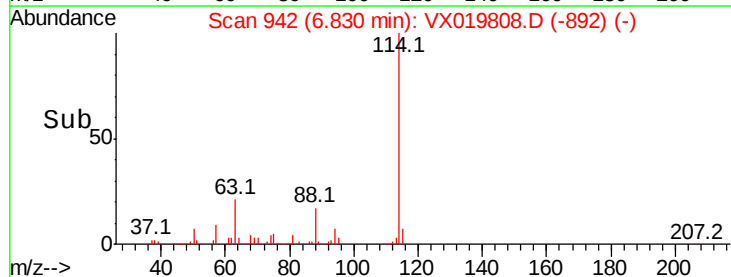
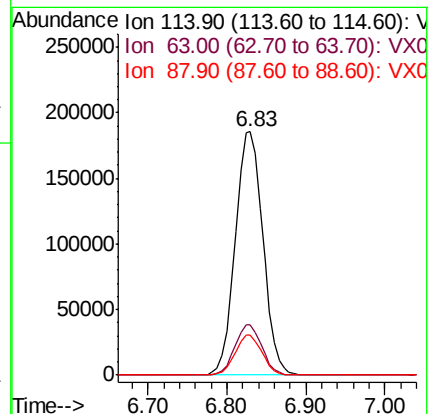
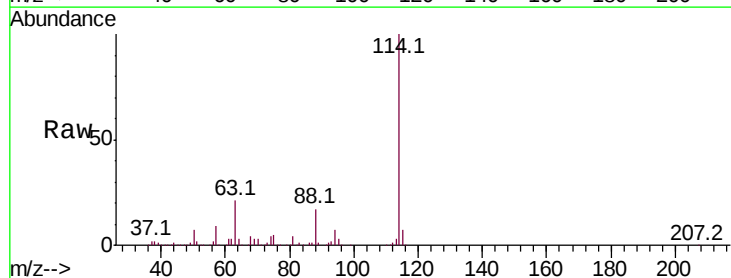
Tgt Ion: 114 Resp: 452652

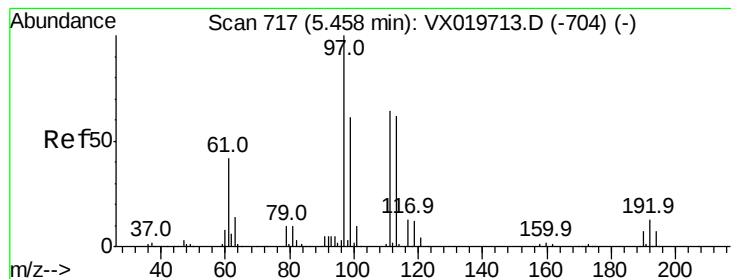
Ion Ratio Lower Upper

114 100

63 20.7 0.0 40.8

88 16.6 0.0 32.8





#35

Dibromofluoromethane

Concen: 48.129 ug/l

RT: 5.46 min Scan# 717

Delta R.T. -0.00 min

Lab File: VX019808.D

Acq: 10 Dec 2020 04:11

Instrument :

MSVOA_X

ClientSampleId :

TU032-32-5226-120820MSD

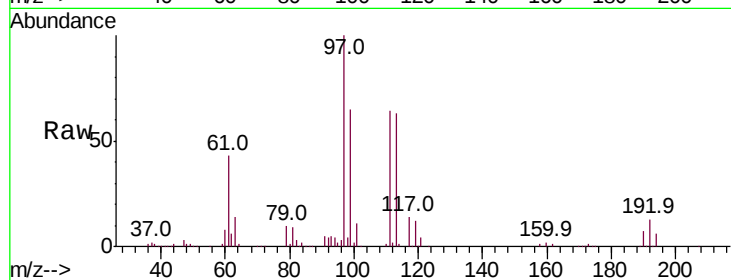
Tot Ion:113 Resp: 140799

Ion Ratio Lower Upper

113 100

111 102.7 81.9 122.9

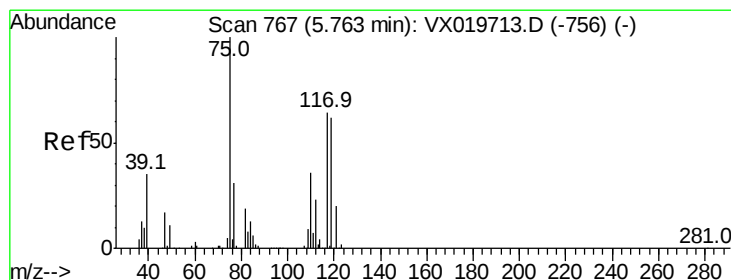
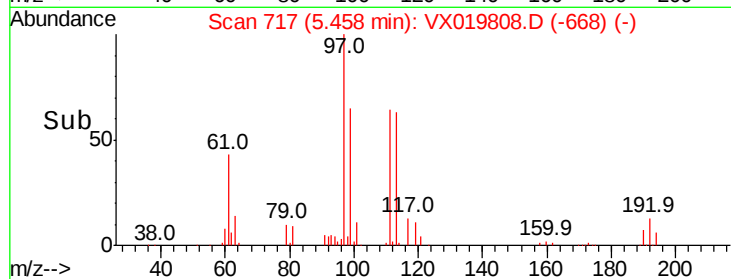
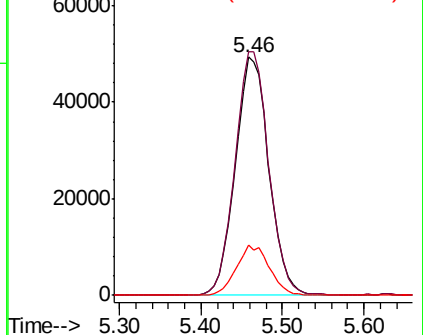
192 20.7 16.7 25.1



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: 50.327 ug/l

RT: 5.77 min Scan# 768

Delta R.T. 0.01 min

Lab File: VX019808.D

Acq: 10 Dec 2020 04:11

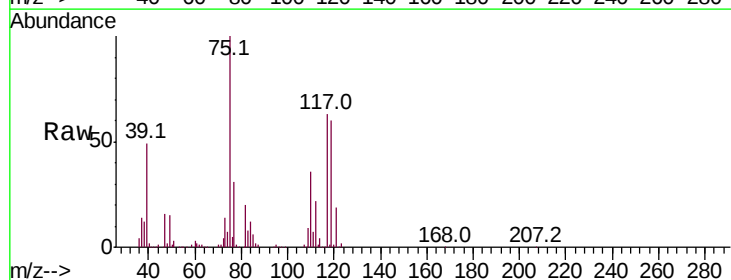
Tgt Ion: 75 Resp: 205852

Ion Ratio Lower Upper

75 100

110 35.9 18.1 54.4

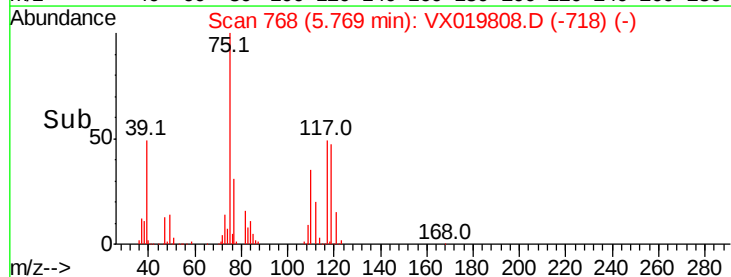
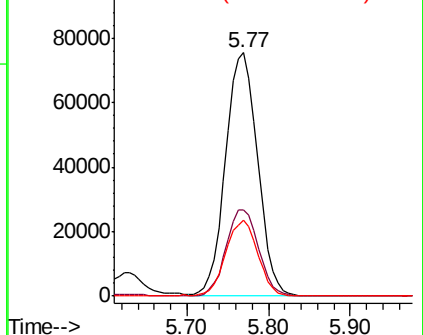
77 31.0 25.3 37.9

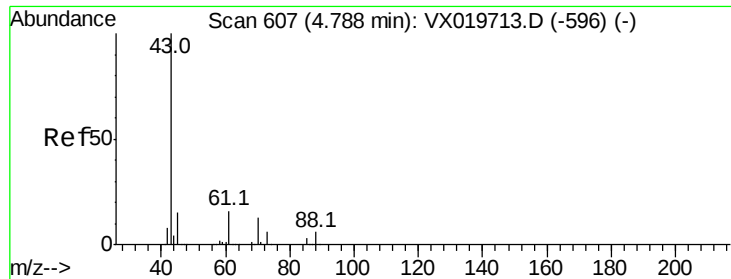


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

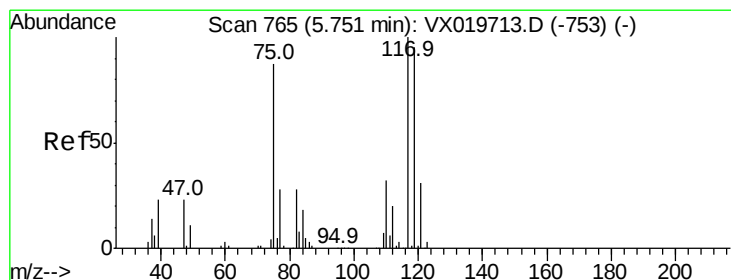
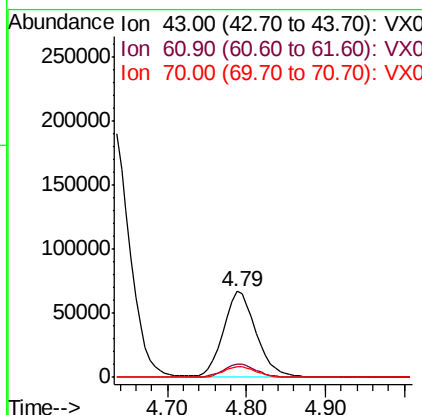
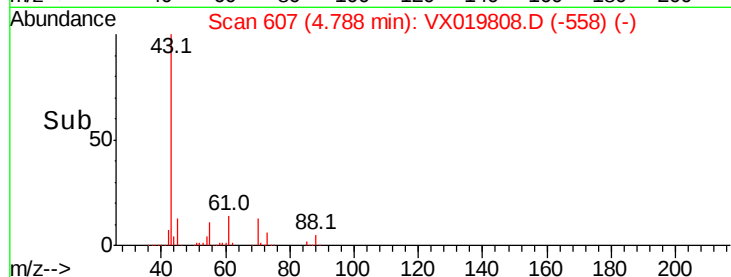
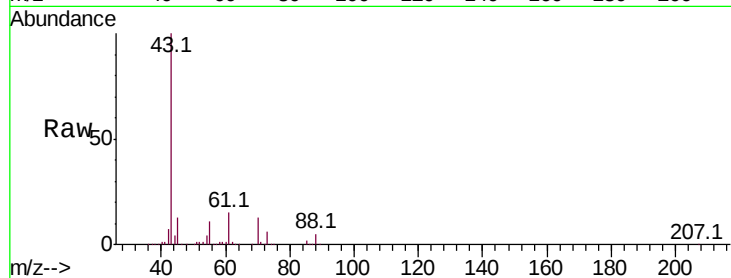




#37
Ethyl Acetate
Concen: 46.685 ug/l
RT: 4.79 min Scan# 607
Delta R.T. -0.00 min
Lab File: VX019808.D
Acq: 10 Dec 2020 04:11

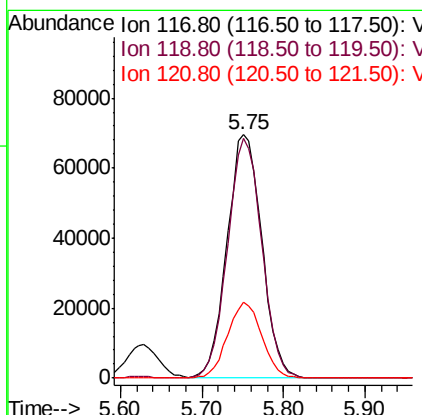
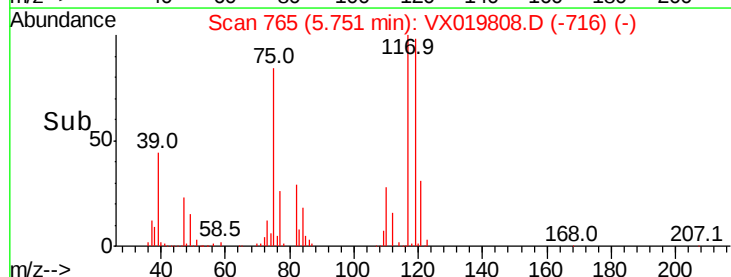
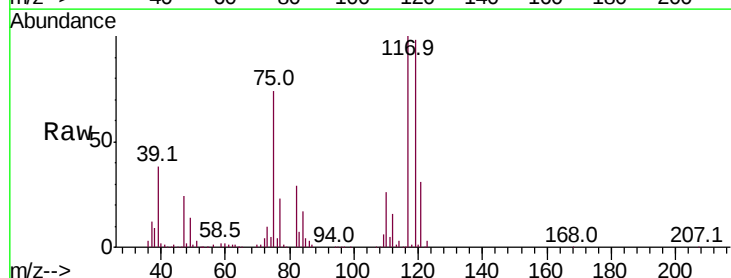
Instrument :
MSVOA_X
ClientSampleId :
TU032-32-5226-120820MSD

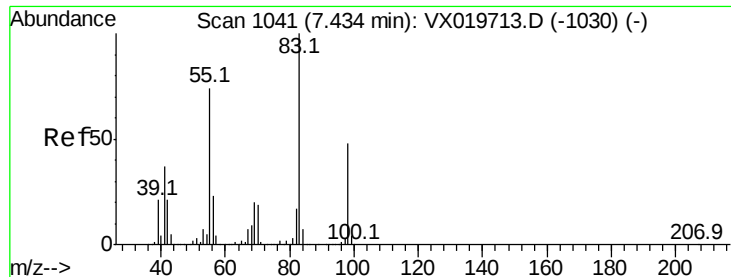
Tot Ion: 43 Resp: 192800
Ion Ratio Lower Upper
43 100
61 15.8 12.8 19.2
70 12.8 10.5 15.7



#38
Carbon Tetrachloride
Concen: 51.128 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.00 min
Lab File: VX019808.D
Acq: 10 Dec 2020 04:11

Tgt Ion: 117 Resp: 204792
Ion Ratio Lower Upper
117 100
119 98.4 76.2 114.2
121 31.4 24.8 37.2

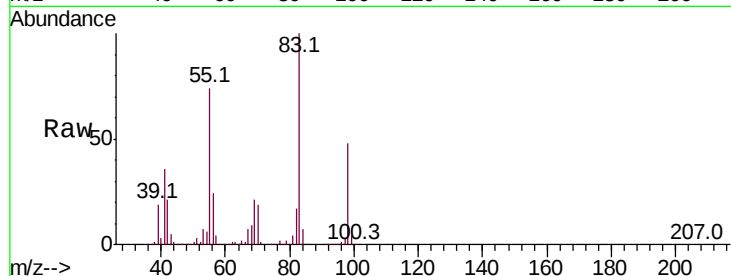




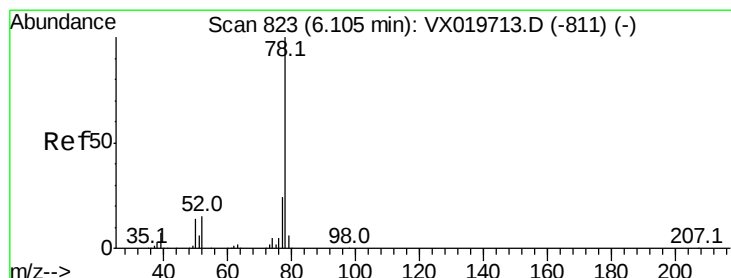
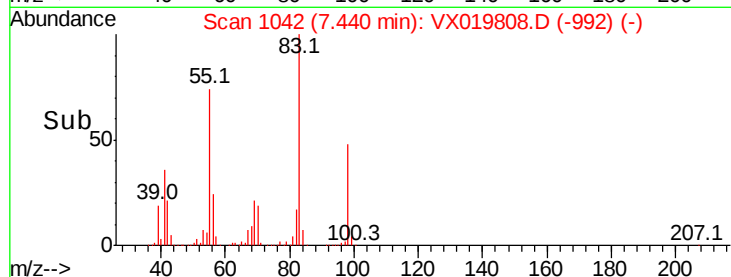
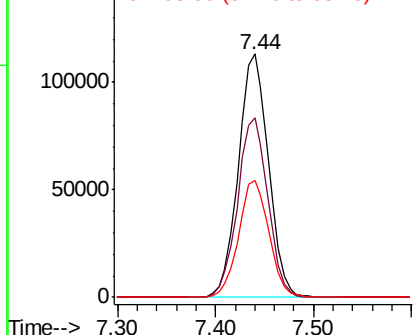
#39
Methvlcvclohexane
Concen: 50.280 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. 0.01 min
Lab File: VX019808.D
Acq: 10 Dec 2020 04:11

Instrument :
MSVOA_X
ClientSampleId :
TU032-32-5226-120820MSD

Tot Ion: 83 Resp: 241628
Ion Ratio Lower Upper
83 100
55 73.9 58.9 88.3
98 47.8 38.1 57.1

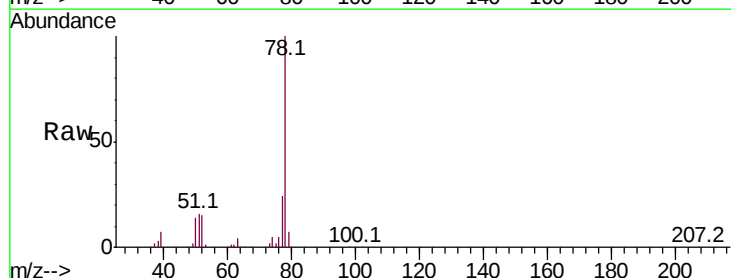


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

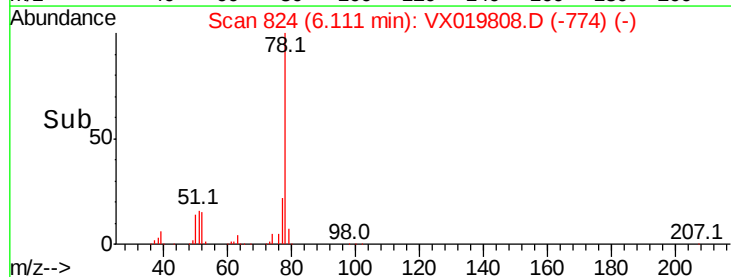
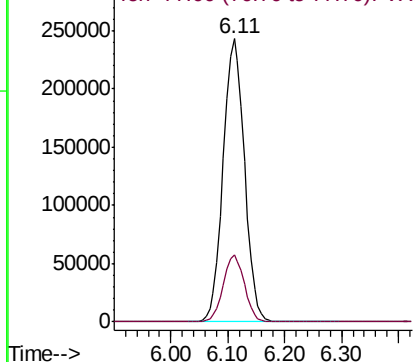


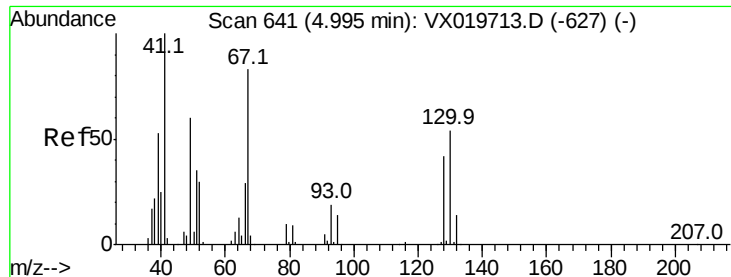
#40
Benzene
Concen: 50.744 ug/l
RT: 6.11 min Scan# 824
Delta R.T. 0.01 min
Lab File: VX019808.D
Acq: 10 Dec 2020 04:11

Tgt Ion: 78 Resp: 634037
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

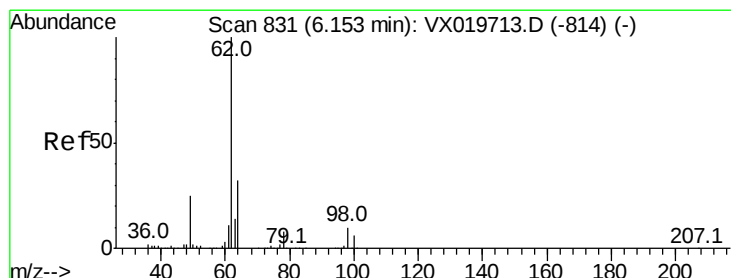
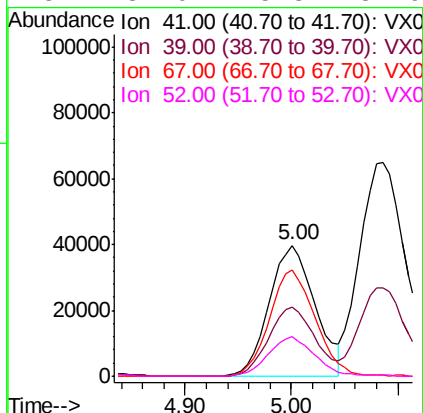
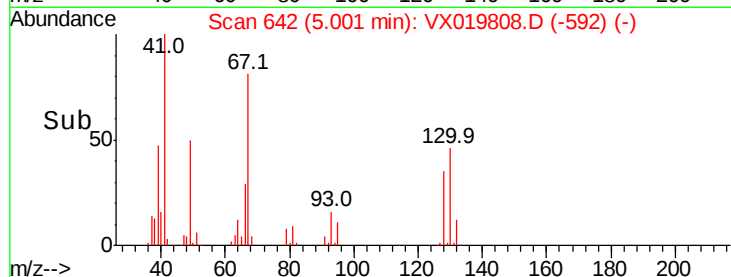
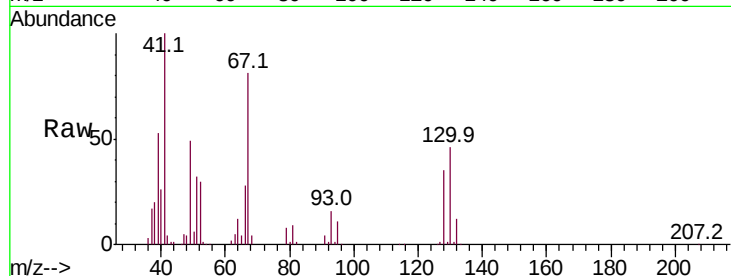




#41
Methacrylonitrile
Concen: 52.235 ug/l
RT: 5.00 min Scan# 642
Delta R.T. 0.01 min
Lab File: VX019808.D
Acq: 10 Dec 2020 04:11

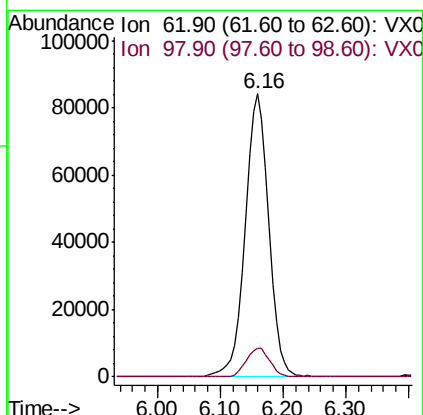
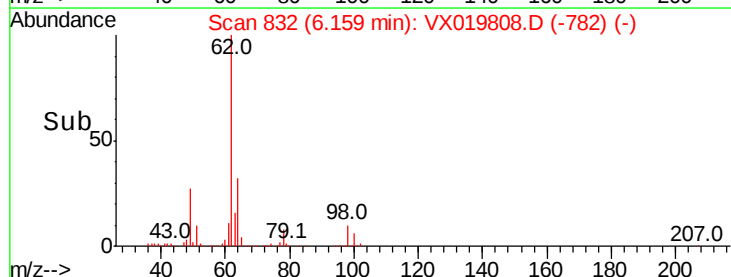
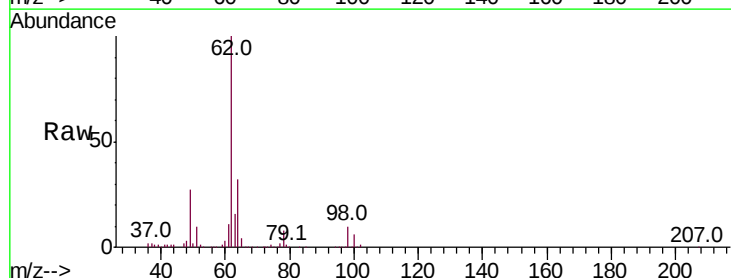
Instrument :
MSVOA_X
ClientSampleId :
TU032-32-5226-120820MSD

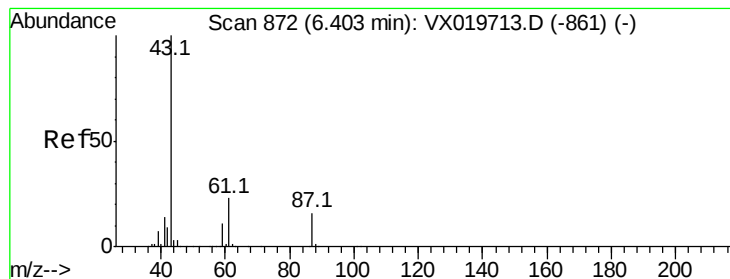
Tot Ion: 41 Resp: 118441
Ion Ratio Lower Upper
41 100
39 53.3 42.5 63.7
67 81.4 65.0 97.6
52 31.0 25.3 37.9



#42
1,2-Dichloroethane
Concen: 51.124 ug/l
RT: 6.16 min Scan# 832
Delta R.T. 0.01 min
Lab File: VX019808.D
Acq: 10 Dec 2020 04:11

Tgt Ion: 62 Resp: 218250
Ion Ratio Lower Upper
62 100
98 10.2 0.0 20.2





#43

Isopropyl Acetate

Concen: 48.003 ug/l

RT: 6.41 min Scan# 873

Delta R.T. 0.01 min

Lab File: VX019808.D

Acq: 10 Dec 2020 04:11

Instrument :

MSVOA_X

ClientSampleId :

TU032-32-5226-120820MSD

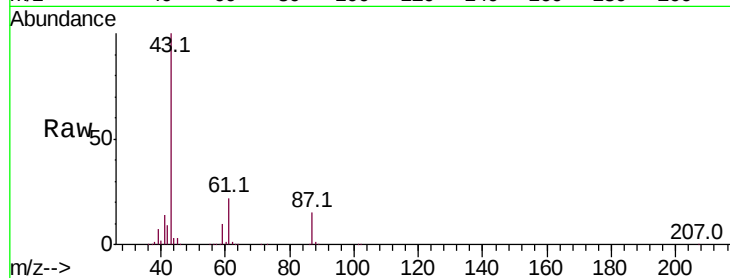
Tot Ion: 43 Resp: 322305

Ion Ratio Lower Upper

43 100

61 22.9 18.2 27.4

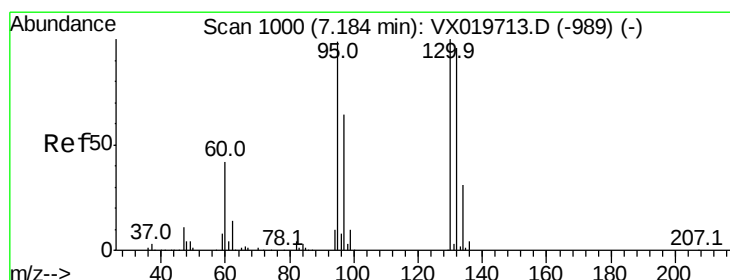
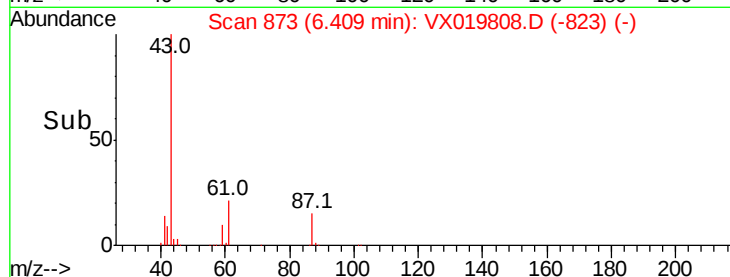
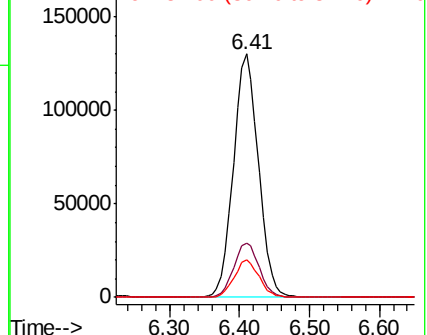
87 15.3 12.5 18.7



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: 49.854 ug/l

RT: 7.18 min Scan# 1000

Delta R.T. -0.00 min

Lab File: VX019808.D

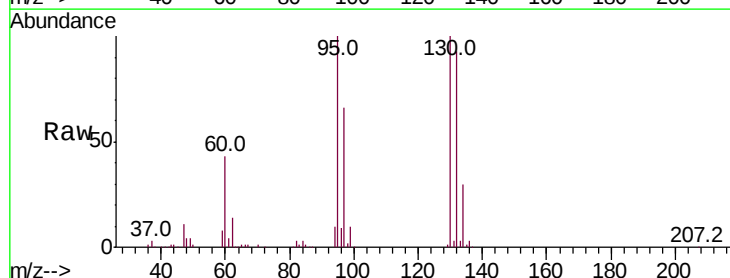
Acq: 10 Dec 2020 04:11

Tgt Ion:130 Resp: 163437

Ion Ratio Lower Upper

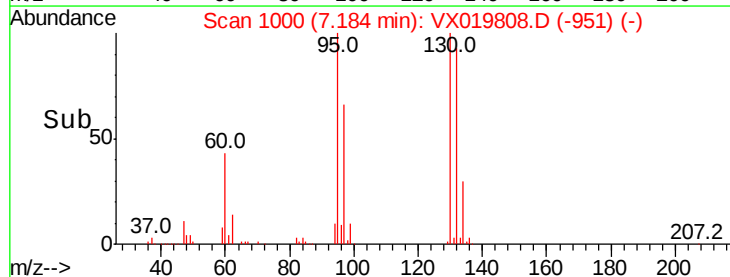
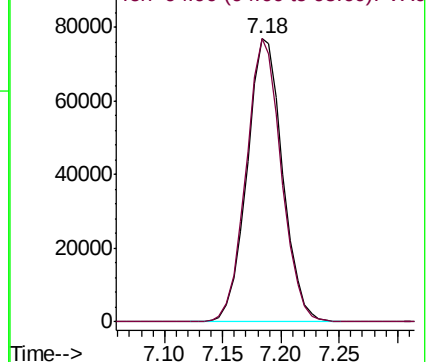
130 100

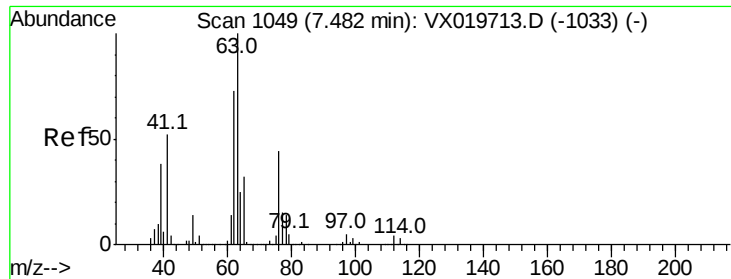
95 100.0 0.0 198.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 51.876 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. 0.01 min

Lab File: VX019808.D

Acq: 10 Dec 2020 04:11

Instrument :

MSVOA_X

ClientSampleId :

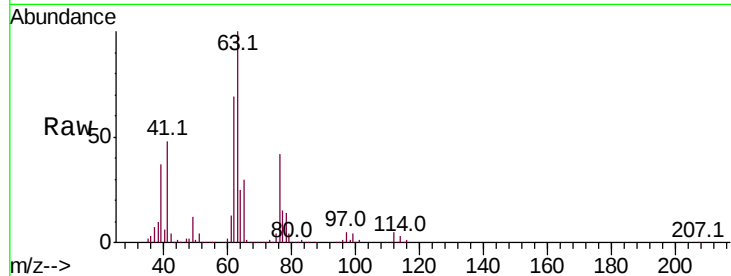
TU032-32-5226-120820MSD

Tot Ion: 63 Resp: 161998

Ion Ratio Lower Upper

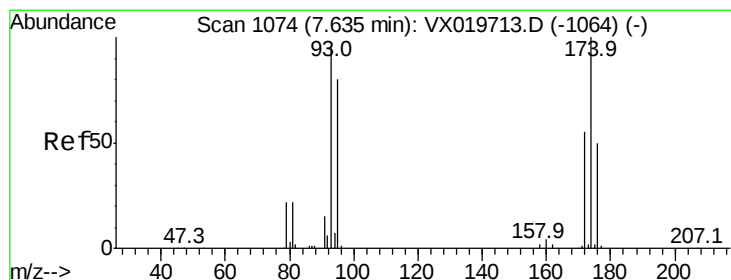
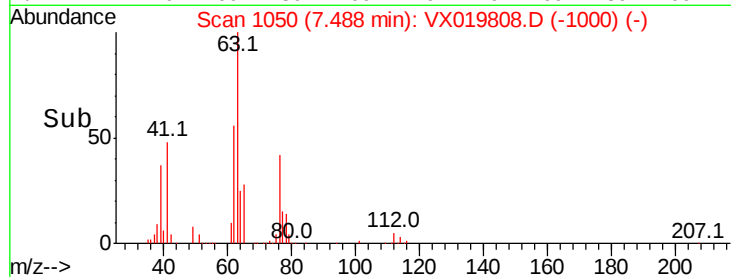
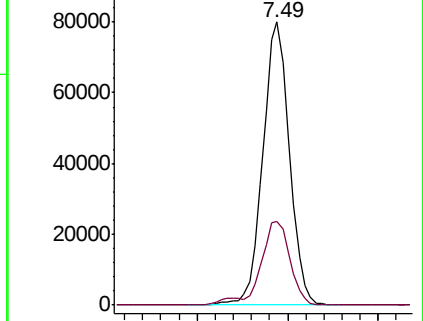
63 100

65 29.6 25.7 38.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 51.884 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.00 min

Lab File: VX019808.D

Acq: 10 Dec 2020 04:11

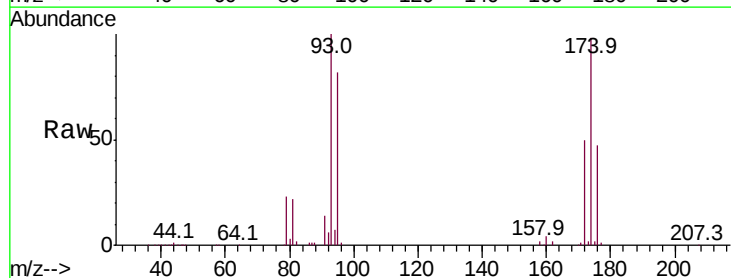
Tgt Ion: 93 Resp: 109415

Ion Ratio Lower Upper

93 100

95 82.4 66.8 100.2

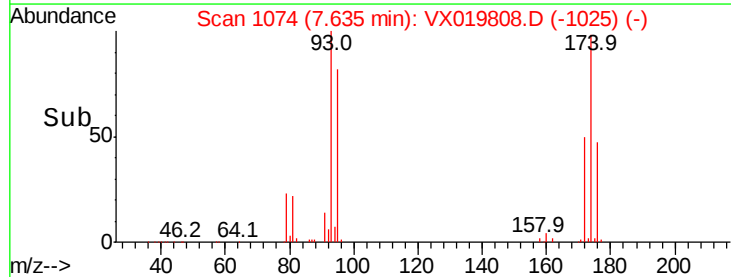
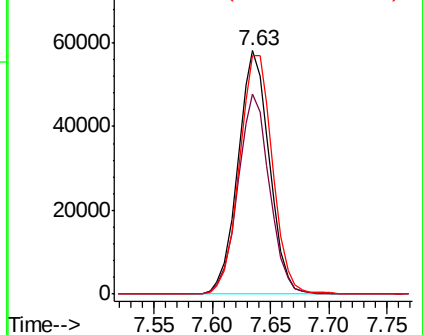
174 103.2 83.1 124.7

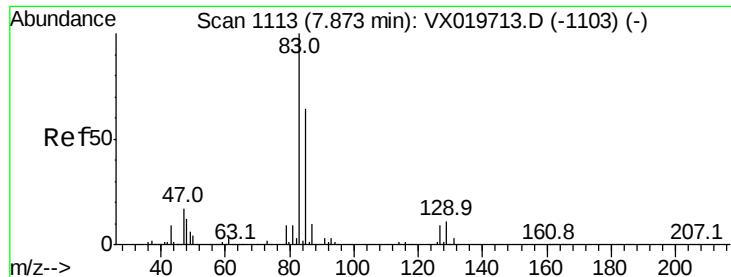


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 51.867 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.00 min

Lab File: VX019808.D

Acq: 10 Dec 2020 04:11

Instrument :

MSVOA_X

ClientSampleId :

TU032-32-5226-120820MSD

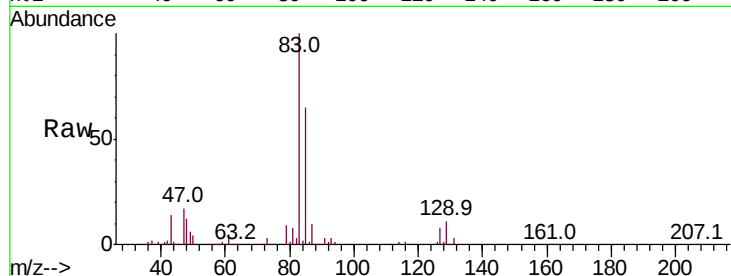
Tot Ion: 83 Resp: 217045

Ion Ratio Lower Upper

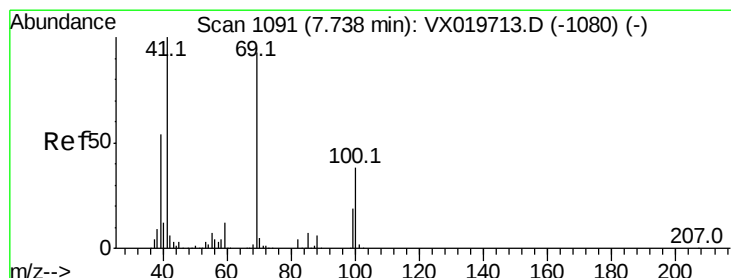
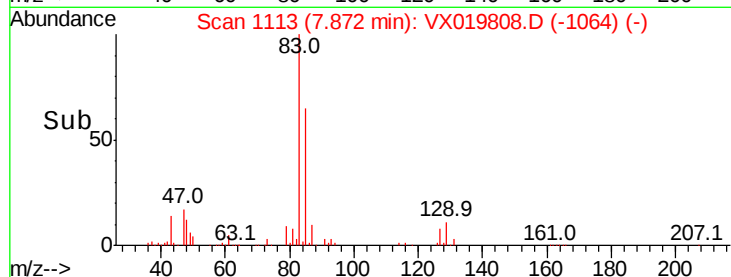
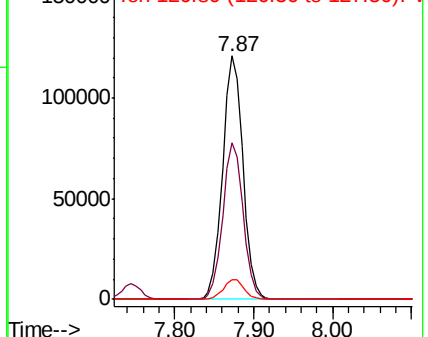
83 100

85 64.5 51.4 77.0

127 8.2 6.8 10.2



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: 51.497 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. 0.01 min

Lab File: VX019808.D

Acq: 10 Dec 2020 04:11

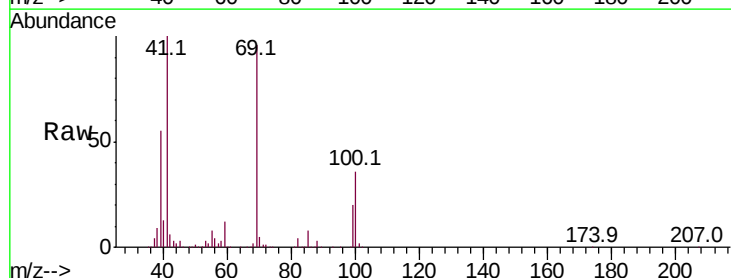
Tgt Ion: 41 Resp: 170051

Ion Ratio Lower Upper

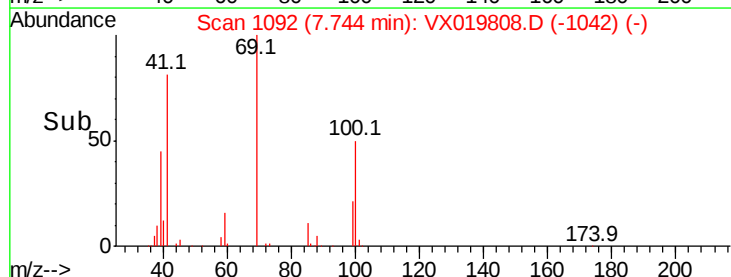
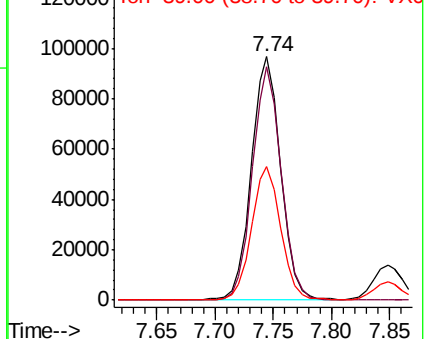
41 100

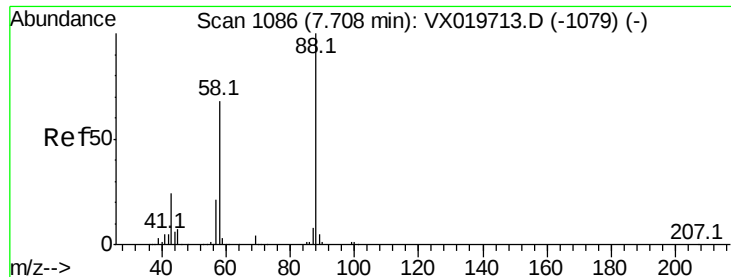
69 94.4 76.0 114.0

39 54.9 44.6 67.0



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

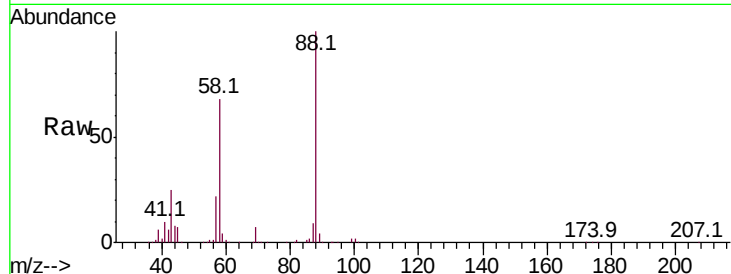




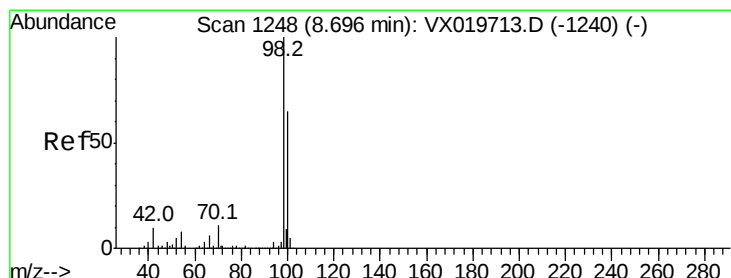
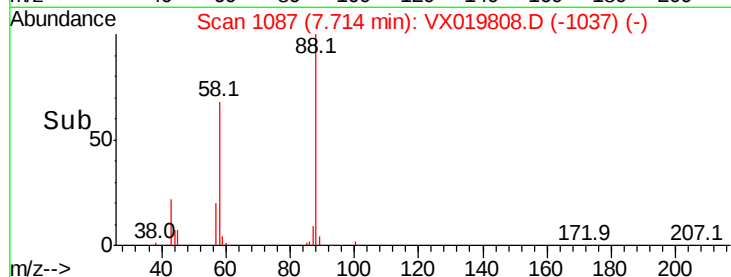
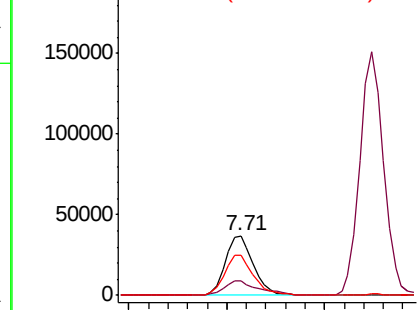
#49
1,4-Dioxane
Concen: 918.595 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. 0.01 min
Lab File: VX019808.D
Acq: 10 Dec 2020 04:11

Instrument :
MSVOA_X
ClientSampleId :
TU032-32-5226-120820MSD

Tot Ion: 88 Resp: 73482
Ion Ratio Lower Upper
88 100
43 28.8 23.2 34.8
58 70.1 55.0 82.4

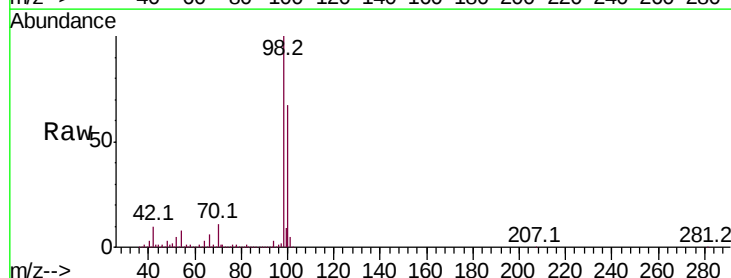


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

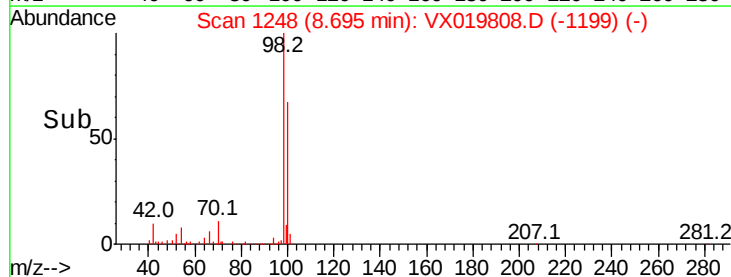
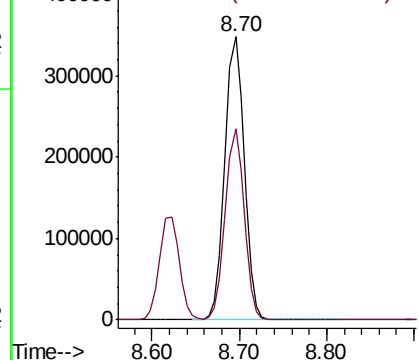


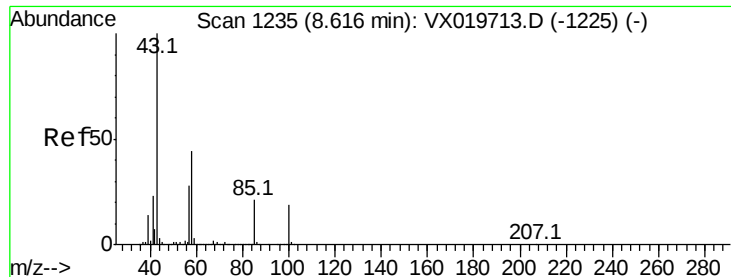
#50
Toluene-d8
Concen: 47.934 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX019808.D
Acq: 10 Dec 2020 04:11

Tgt Ion: 98 Resp: 535356
Ion Ratio Lower Upper
98 100
100 66.2 51.9 77.9



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





#51

4-Methyl-2-Pentanone

Concen: 263.782 ug/l

RT: 8.62 min Scan# 1235

Delta R.T. -0.00 min

Lab File: VX019808.D

Acq: 10 Dec 2020 04:11

Instrument :

MSVOA_X

ClientSampleId :

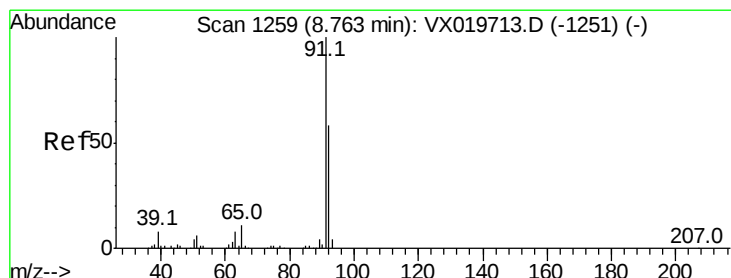
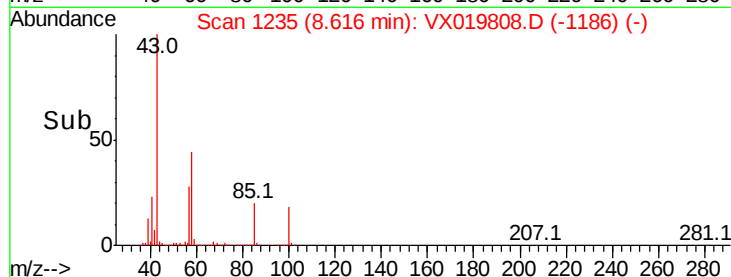
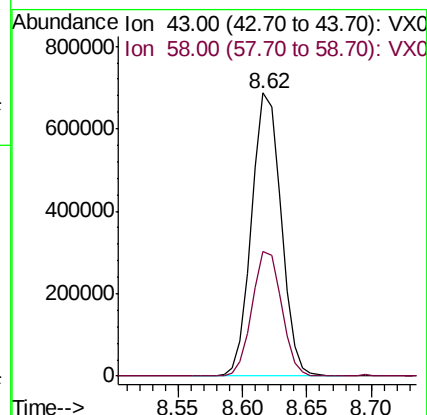
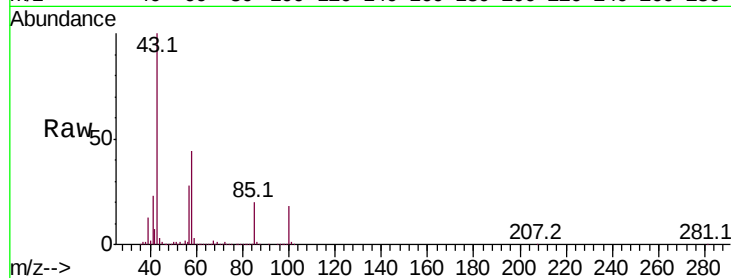
TU032-32-5226-120820MSD

Tot Ion: 43 Resp: 1081323

Ion Ratio Lower Upper

43 100

58 44.2 35.4 53.0



#52

Toluene

Concen: 50.839 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.00 min

Lab File: VX019808.D

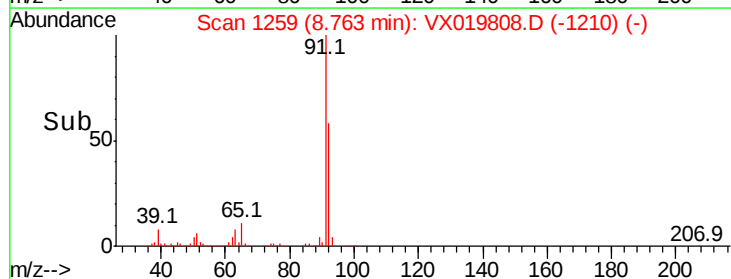
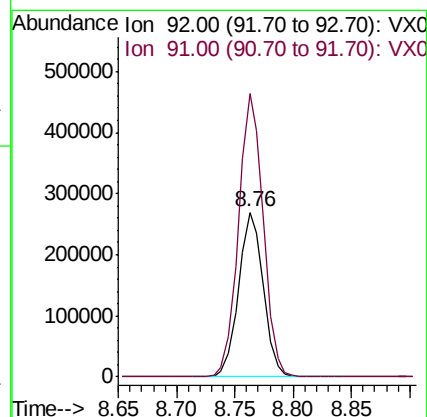
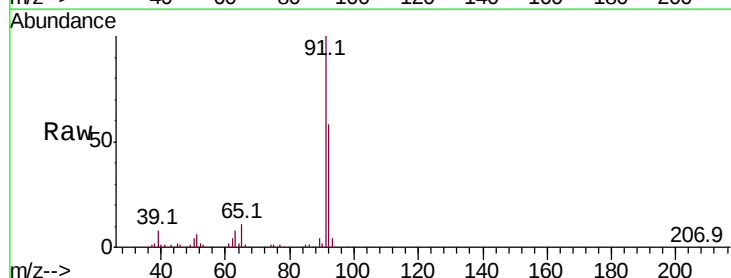
Acq: 10 Dec 2020 04:11

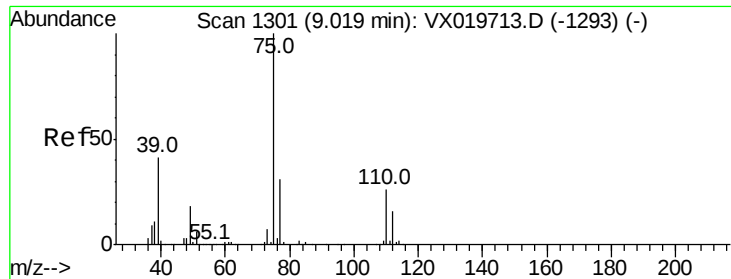
Tgt Ion: 92 Resp: 397289

Ion Ratio Lower Upper

92 100

91 172.4 137.1 205.7

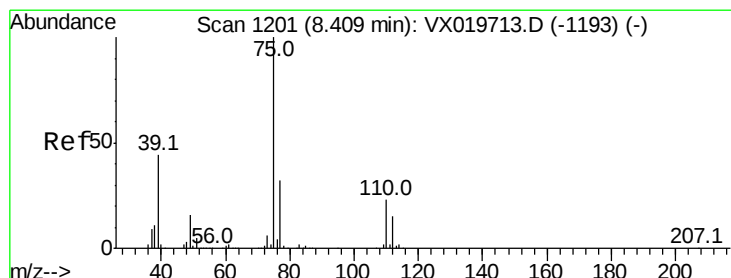
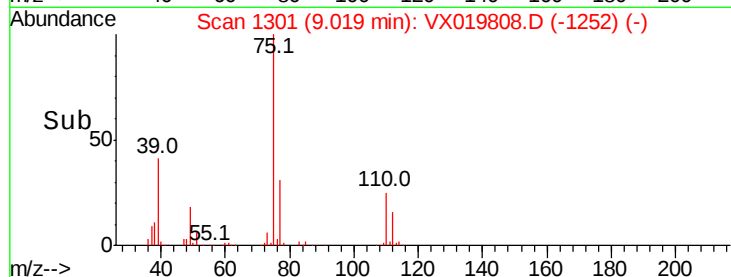
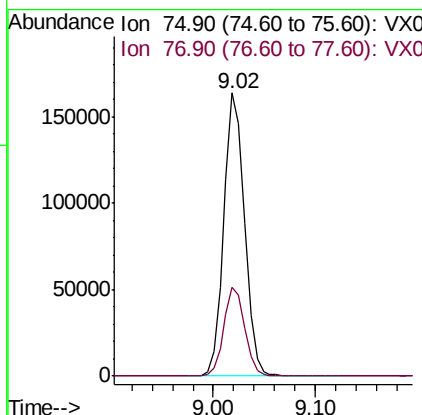
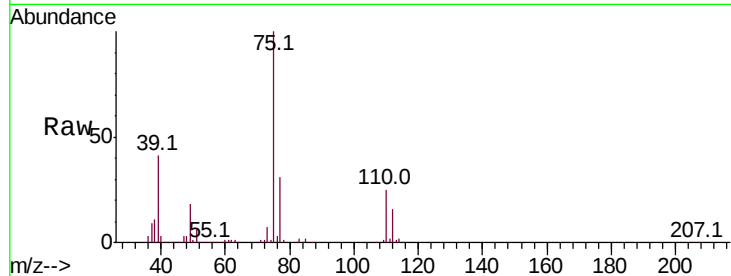




#53
t-1,3-Dichloropropene
Concen: 49.678 ug/l
RT: 9.02 min Scan# 1301
Delta R.T. -0.00 min
Lab File: VX019808.D
Acq: 10 Dec 2020 04:11

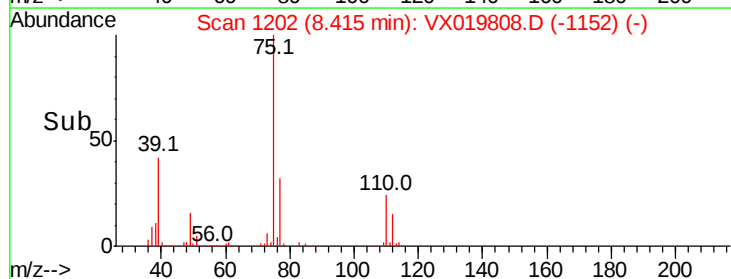
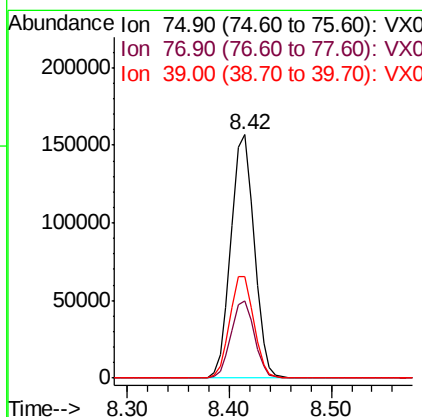
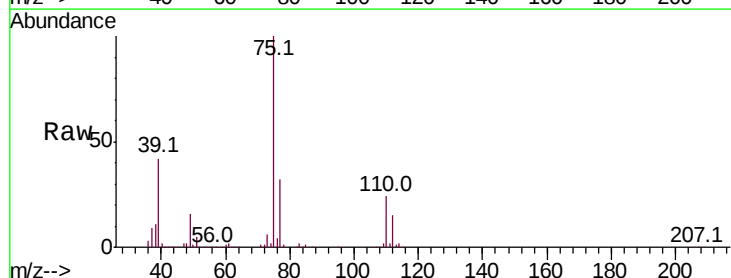
Instrument :
MSVOA_X
ClientSampleId :
TU032-32-5226-120820MSD

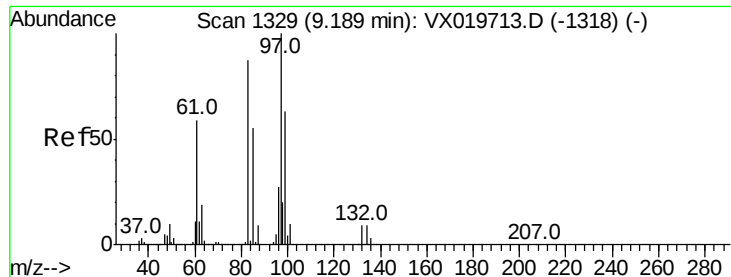
Tot Ion: 75 Resp: 230689
Ion Ratio Lower Upper
75 100
77 31.2 24.9 37.3



#54
cis-1,3-Dichloropropene
Concen: 49.118 ug/l
RT: 8.42 min Scan# 1202
Delta R.T. 0.01 min
Lab File: VX019808.D
Acq: 10 Dec 2020 04:11

Tgt Ion: 75 Resp: 247793
Ion Ratio Lower Upper
75 100
77 32.0 25.7 38.5
39 41.7 35.1 52.7

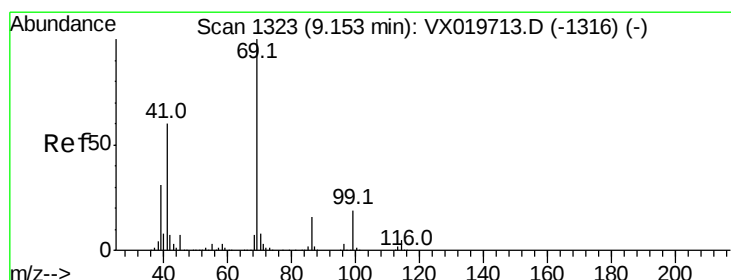
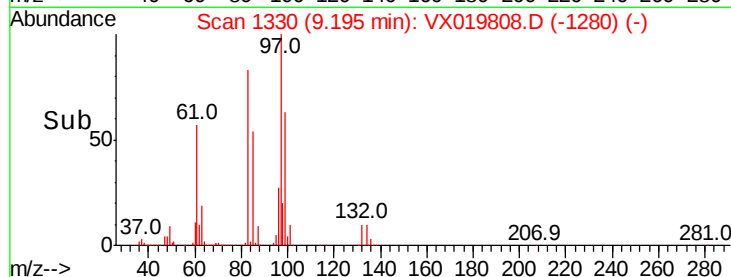
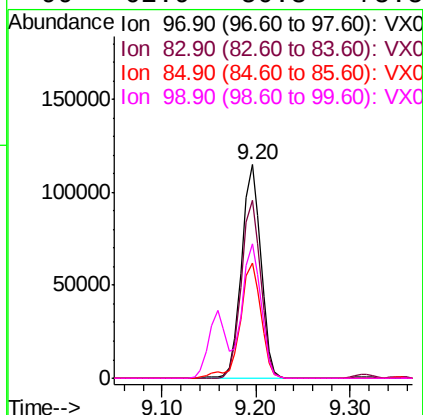
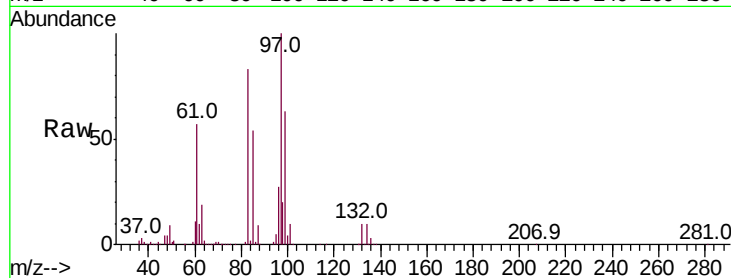




#55
 1,1,2-Trichloroethane
 Concen: 52.461 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.01 min
 Lab File: VX019808.D
 Acq: 10 Dec 2020 04:11

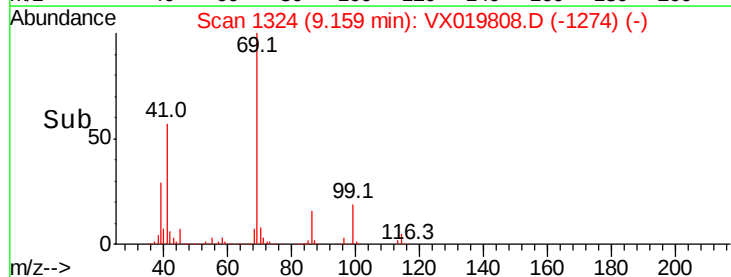
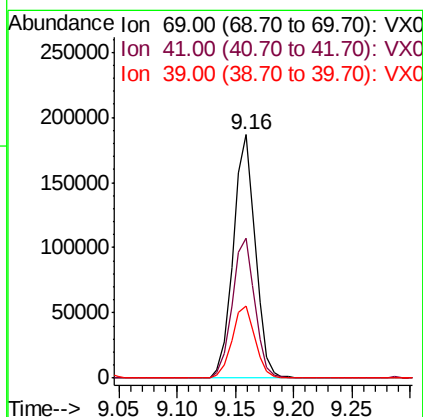
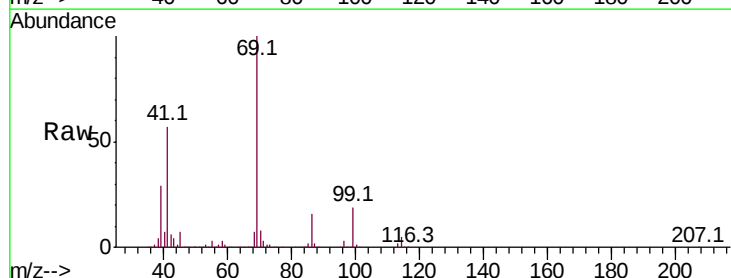
Instrument :
 MSVOA_X
 ClientSampleId :
 TU032-32-5226-120820MSD

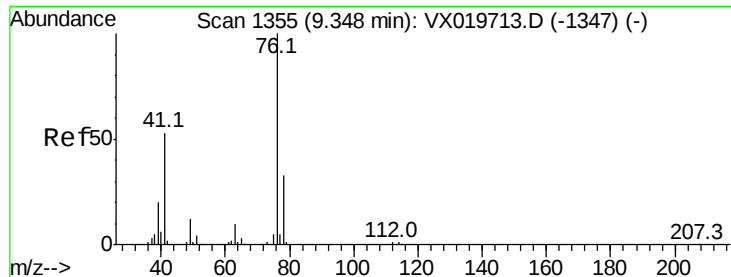
Tot Ion:	97	Resp:	165211
Ion	Ratio	Lower	Upper
97	100		
83	83.4	69.3	103.9
85	53.9	44.3	66.5
99	62.9	50.3	75.5



#56
 Ethyl methacrylate
 Concen: 51.970 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. 0.01 min
 Lab File: VX019808.D
 Acq: 10 Dec 2020 04:11

Tgt Ion:	69	Resp:	247620
Ion	Ratio	Lower	Upper
69	100		
41	58.6	46.8	70.2
39	30.5	24.7	37.1





#57

1,3-Dichloropropane

Concen: 51.497 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. 0.01 min

Lab File: VX019808.D

Acq: 10 Dec 2020 04:11

Instrument :

MSVOA_X

ClientSampleId :

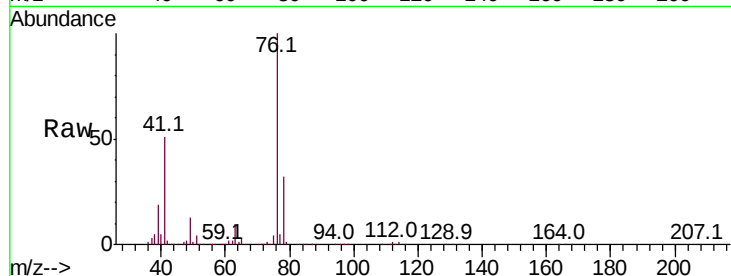
TU032-32-5226-120820MSD

Tot Ion: 76 Resp: 276918

Ion Ratio Lower Upper

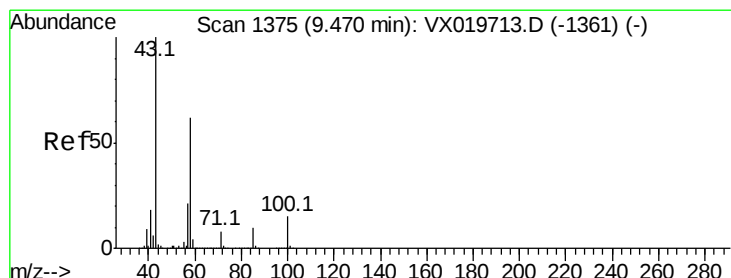
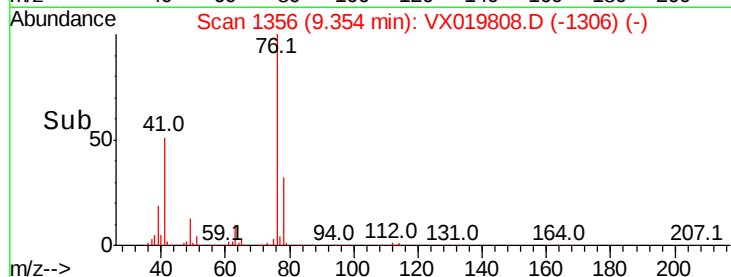
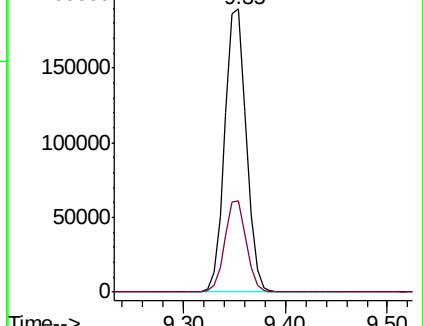
76 100

78 32.5 26.2 39.2



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#59

2-Hexanone

Concen: 259.325 ug/l

RT: 9.47 min Scan# 1375

Delta R.T. -0.00 min

Lab File: VX019808.D

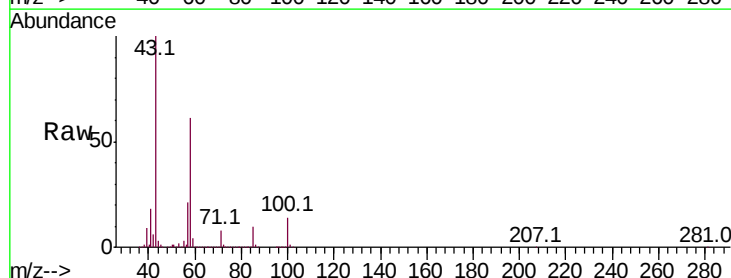
Acq: 10 Dec 2020 04:11

Tgt Ion: 43 Resp: 824004

Ion Ratio Lower Upper

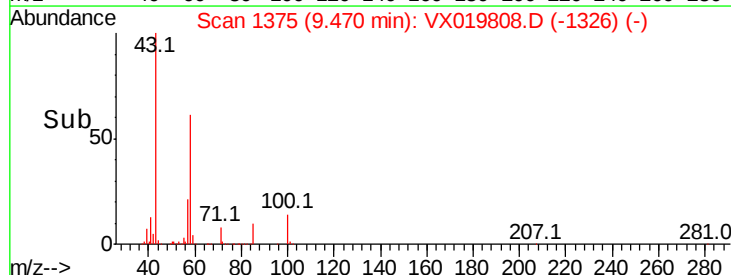
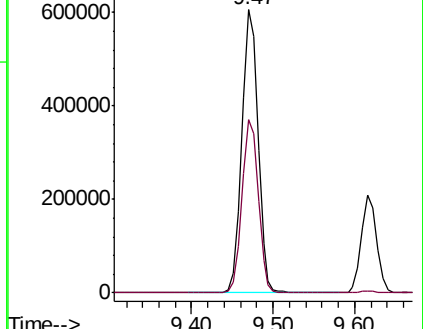
43 100

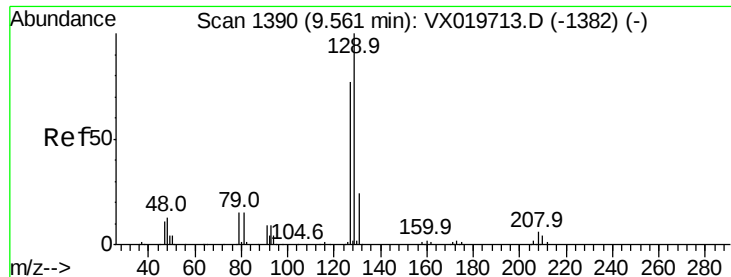
58 61.8 30.9 92.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#60

Dibromochloromethane

Concen: 53.190 ug/l

RT: 9.56 min Scan# 1390

Delta R.T. -0.00 min

Lab File: VX019808.D

Acq: 10 Dec 2020 04:11

Instrument :

MSVOA_X

ClientSampleId :

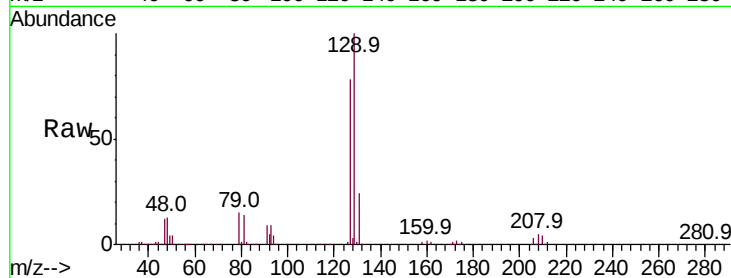
TU032-32-5226-120820MSD

Tot Ion:129 Resp: 170185

Ion Ratio Lower Upper

129 100

127 77.3 38.4 115.2



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

9.56

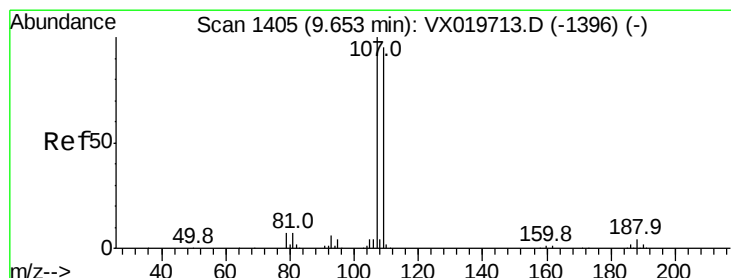
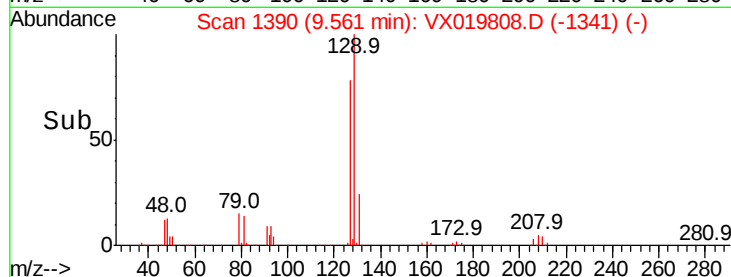
100000

50000

0

Time-->

9.50 9.60 9.70



#61

1,2-Dibromoethane

Concen: 51.234 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX019808.D

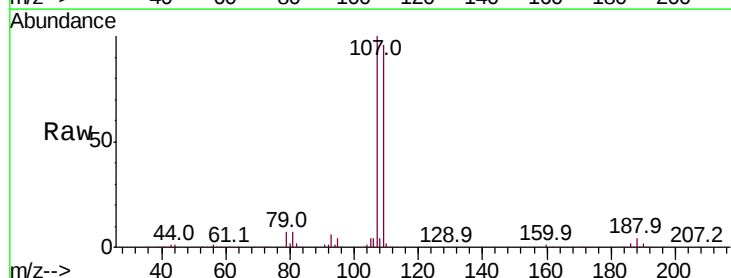
Acq: 10 Dec 2020 04:11

Tgt Ion:107 Resp: 171331

Ion Ratio Lower Upper

107 100

109 95.7 75.8 113.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.65

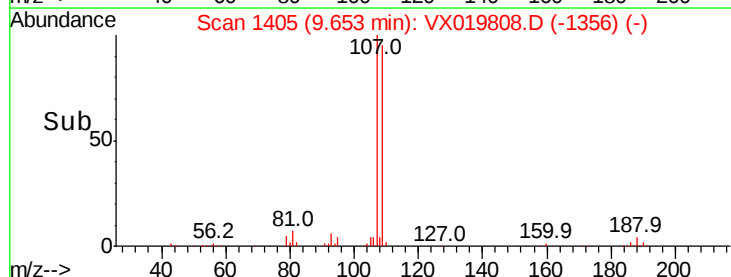
100000

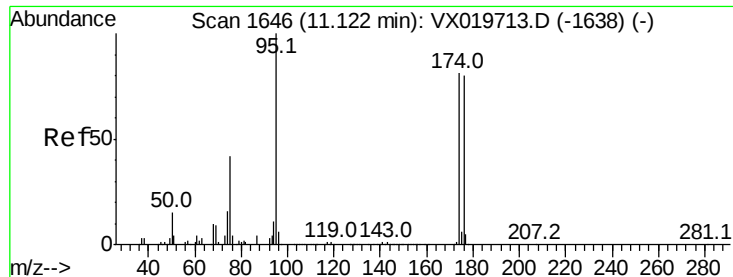
50000

0

Time-->

9.60 9.70 9.80





#62

4-Bromofluorobenzene

Concen: 48.565 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX019808.D

Acq: 10 Dec 2020 04:11

Instrument :

MSVOA_X

ClientSampleId :

TU032-32-5226-120820MSD

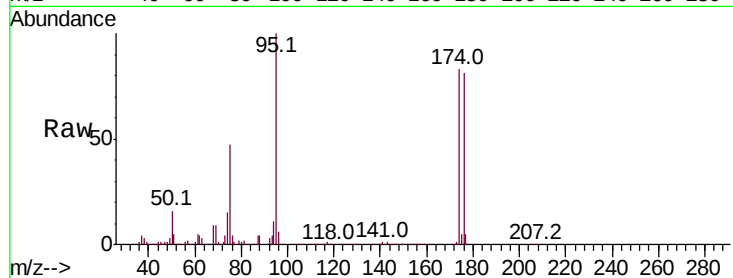
Tot Ion: 95 Resp: 206445

Ion Ratio Lower Upper

95 100

174 77.1 0.0 154.6

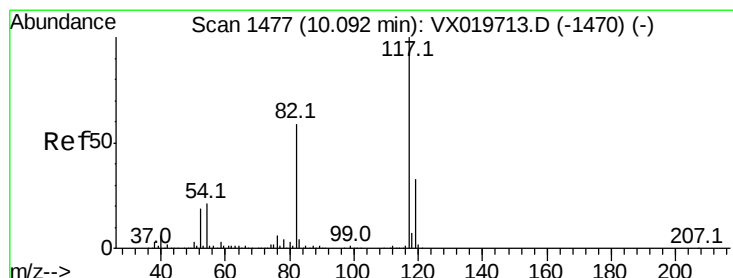
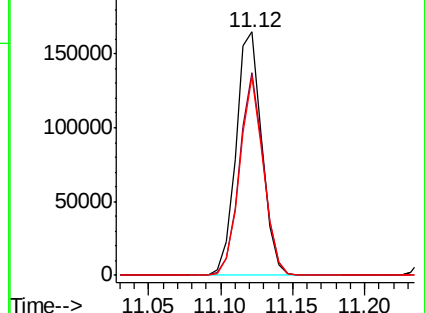
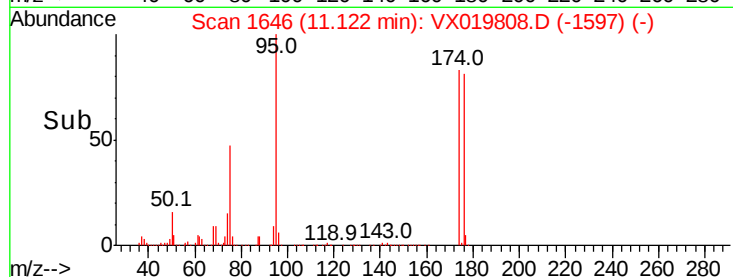
176 75.2 0.0 155.8



Abundance Ion 94.90 (94.60 to 95.60): VX019808.D (-1597) (-)

Ion 173.80 (173.50 to 174.50): VX019808.D (-1597) (-)

Ion 175.80 (175.50 to 176.50): VX019808.D (-1597) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.09 min Scan# 1477

Delta R.T. -0.00 min

Lab File: VX019808.D

Acq: 10 Dec 2020 04:11

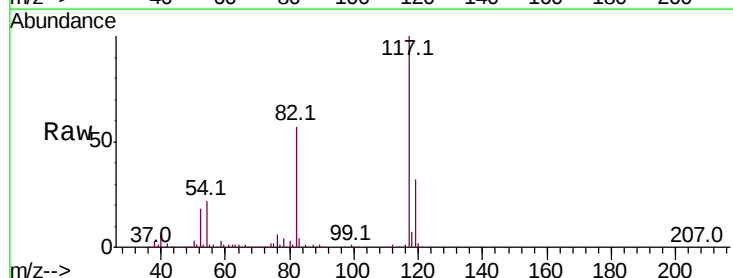
Tgt Ion: 117 Resp: 416203

Ion Ratio Lower Upper

117 100

82 57.3 47.4 71.2

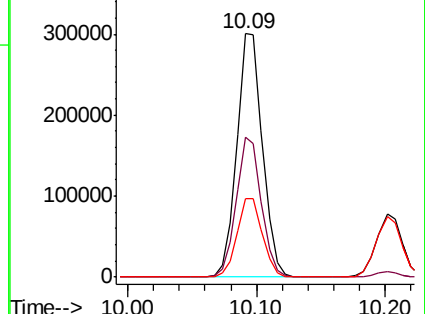
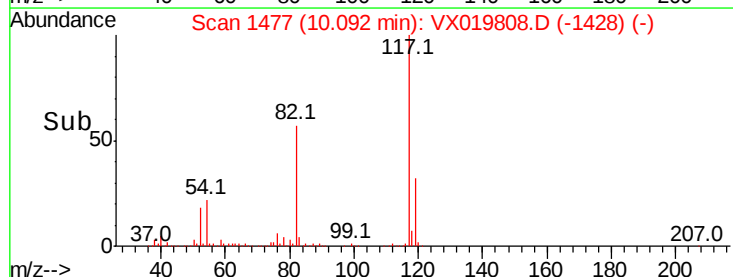
119 32.0 26.6 39.8

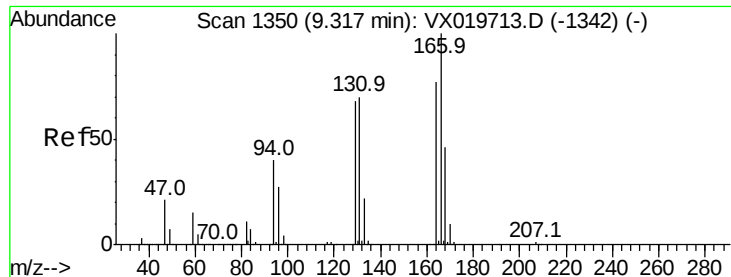


Abundance Ion 116.90 (116.60 to 117.60): VX019808.D (-1428) (-)

Ion 82.00 (81.70 to 82.70): VX019808.D (-1428) (-)

Ion 118.90 (118.60 to 119.60): VX019808.D (-1428) (-)





#64

Tetrachloroethene

Concen: 50.610 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. -0.00 min

Lab File: VX019808.D

Acq: 10 Dec 2020 04:11

Instrument :

MSVOA_X

ClientSampleId :

TU032-32-5226-120820MSD

Tot Ion:164 Resp: 141258

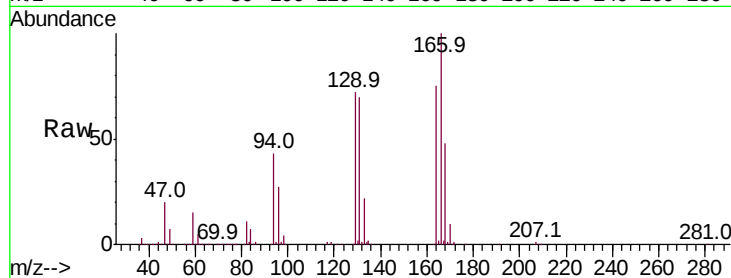
Ion Ratio Lower Upper

164 100

166 133.4 103.4 155.2

129 96.6 70.8 106.2

131 93.2 72.5 108.7

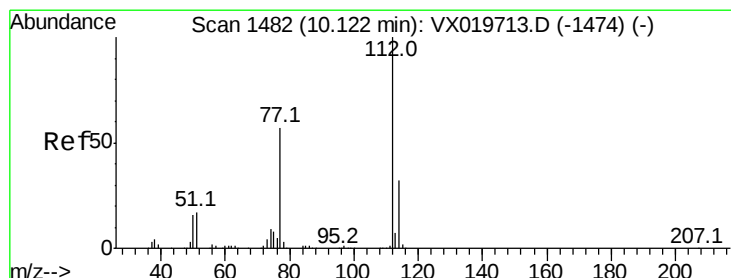
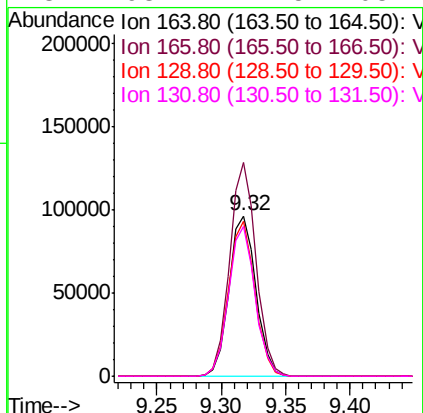
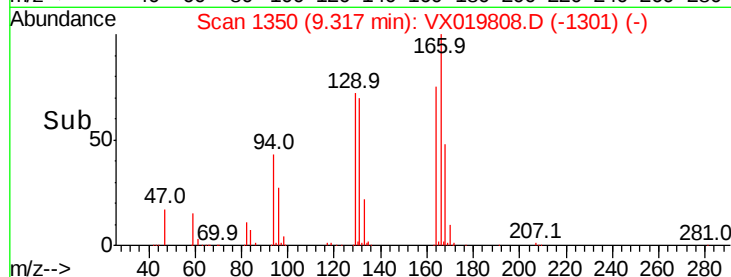


Abundance Ion 163.80 (163.50 to 164.50): V

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: 50.658 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX019808.D

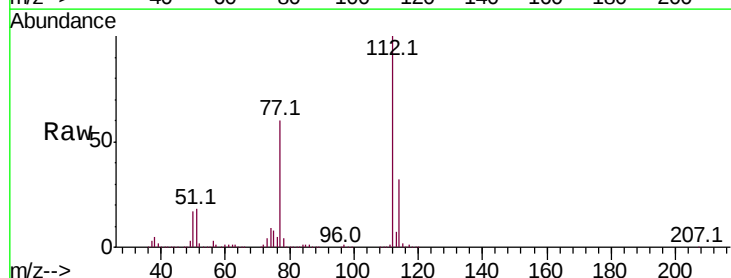
Acq: 10 Dec 2020 04:11

Tgt Ion:112 Resp: 420049

Ion Ratio Lower Upper

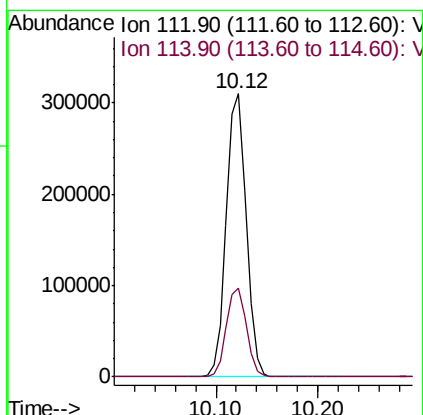
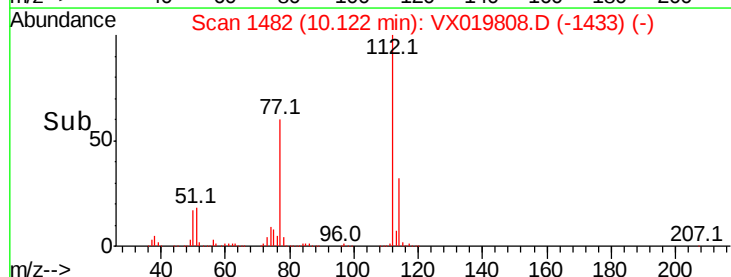
112 100

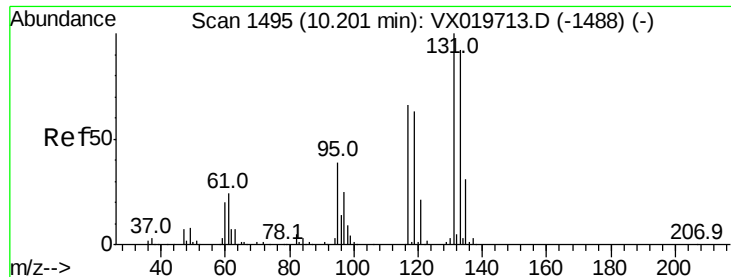
114 31.5 25.8 38.6



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: 52.522 ug/l

RT: 10.20 min Scan# 1495

Delta R.T. -0.00 min

Lab File: VX019808.D

Acq: 10 Dec 2020 04:11

Instrument :

MSVOA_X

ClientSampleId :

TU032-32-5226-120820MSD

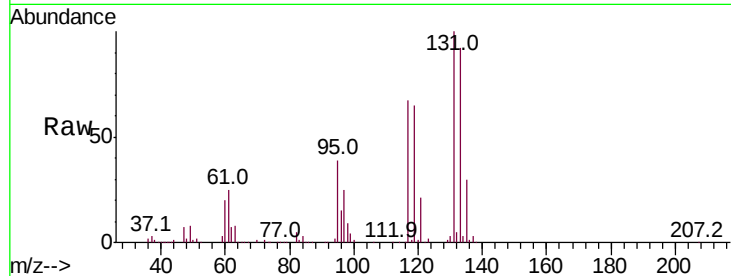
Tot Ion:131 Resp: 156753

Ion Ratio Lower Upper

131 100

133 94.6 47.7 143.1

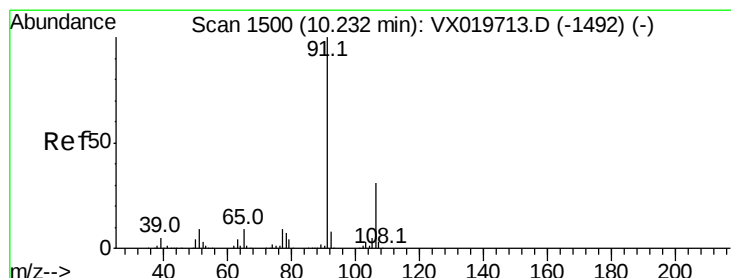
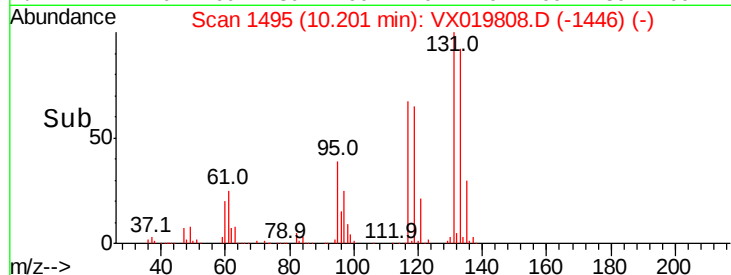
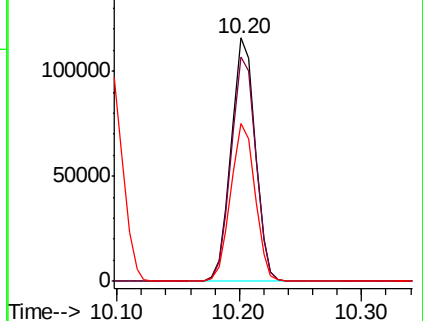
119 65.6 32.1 96.5



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: 51.663 ug/l

RT: 10.23 min Scan# 1500

Delta R.T. -0.00 min

Lab File: VX019808.D

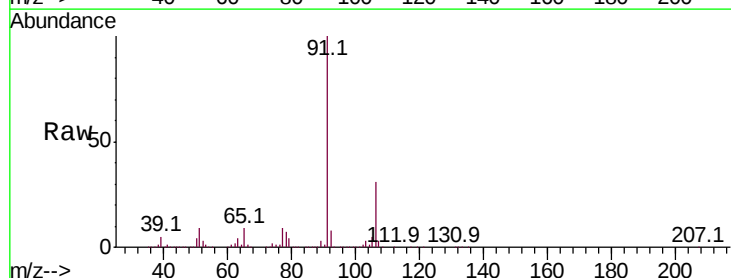
Acq: 10 Dec 2020 04:11

Tgt Ion: 91 Resp: 760408

Ion Ratio Lower Upper

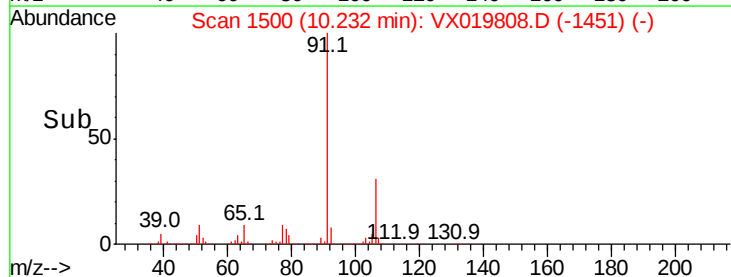
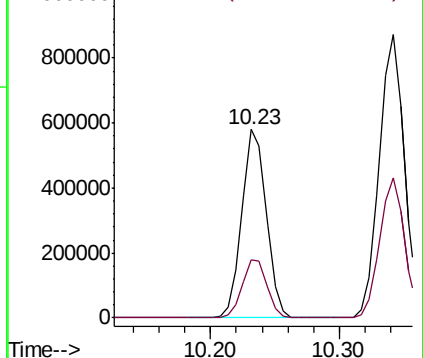
91 100

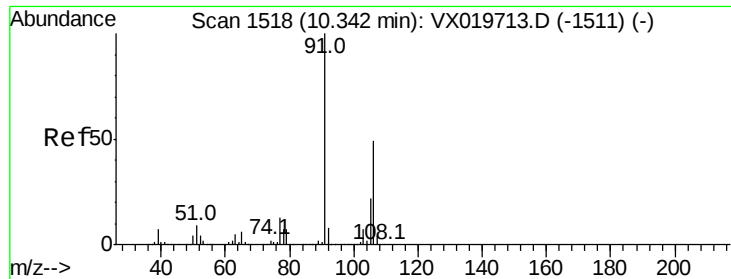
106 30.6 24.6 37.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V

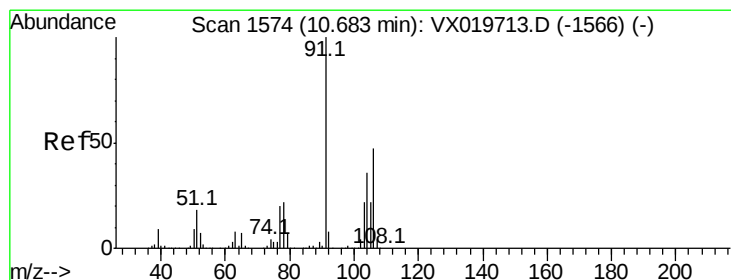
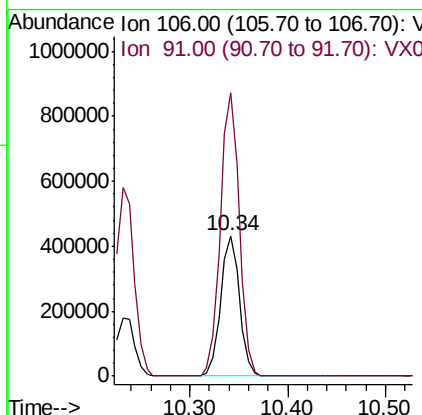
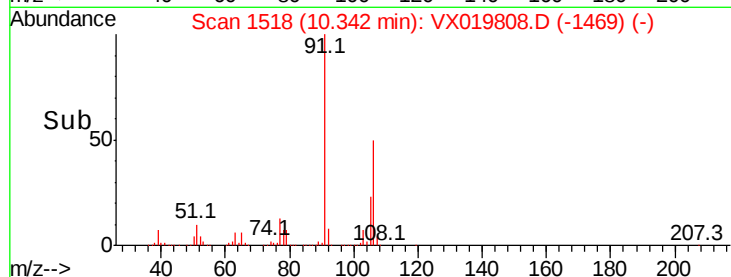
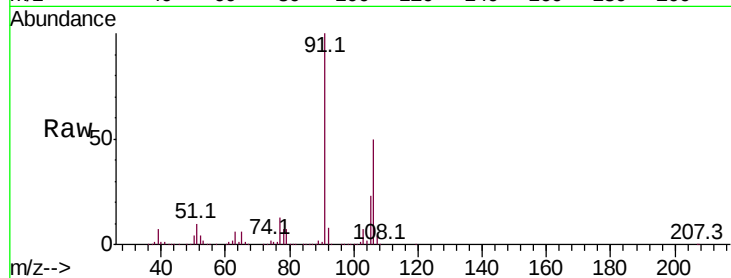




#68
m/p-Xvlenes
Concen: 103.554 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX019808.D
Acq: 10 Dec 2020 04:11

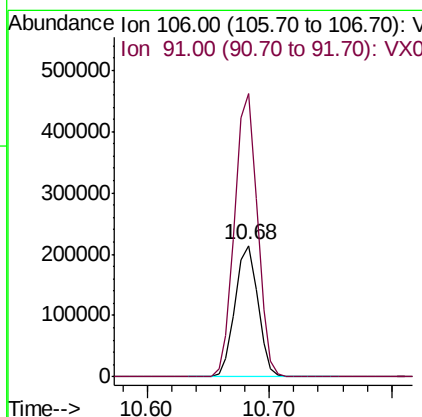
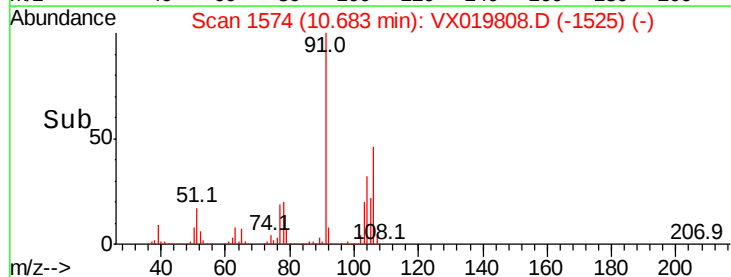
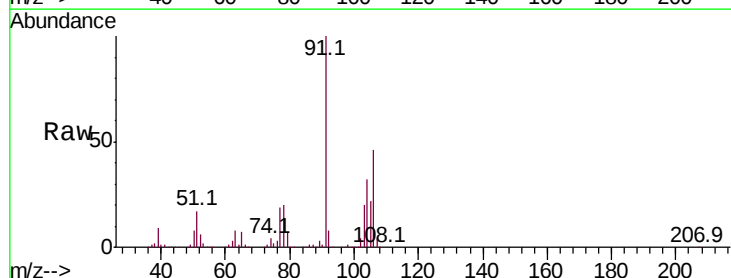
Instrument :
MSVOA_X
ClientSampleId :
TU032-32-5226-120820MSD

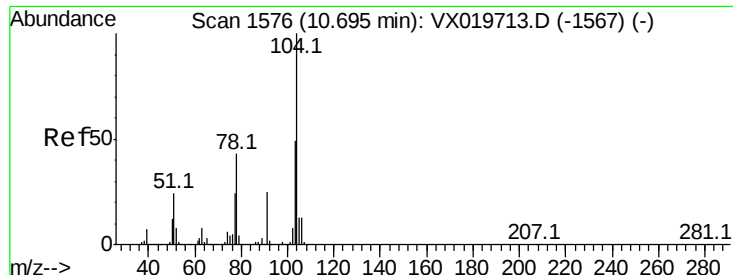
Tot Ion:106 Resp: 574327
Ion Ratio Lower Upper
106 100
91 203.3 162.8 244.2



#69
o-Xylene
Concen: 51.682 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX019808.D
Acq: 10 Dec 2020 04:11

Tgt Ion:106 Resp: 275731
Ion Ratio Lower Upper
106 100
91 215.7 108.1 324.2

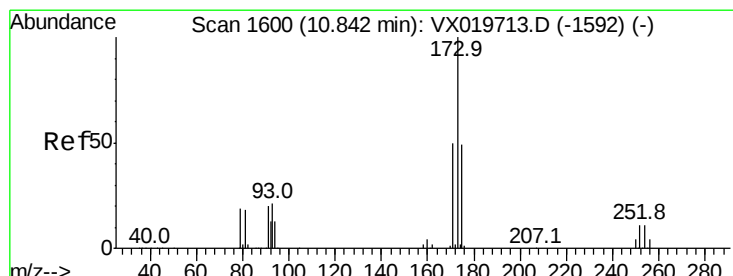
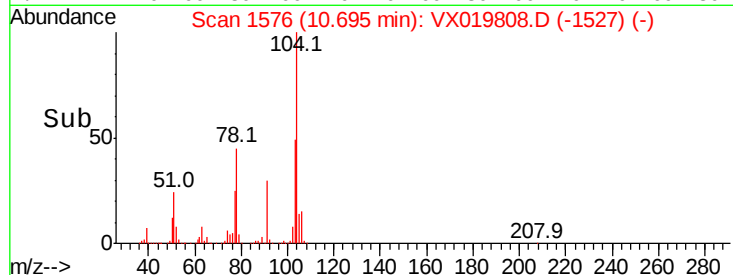
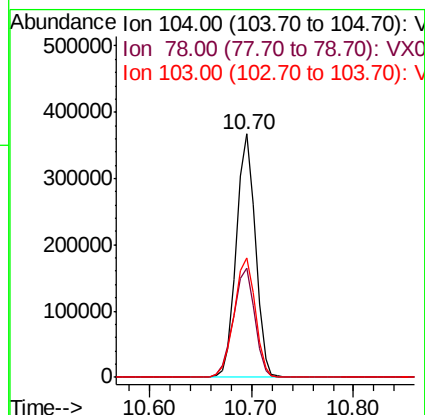
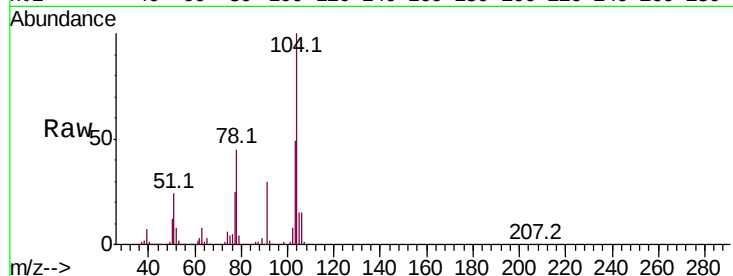




#70
Stvrene
Concen: 52.193 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX019808.D
Acq: 10 Dec 2020 04:11

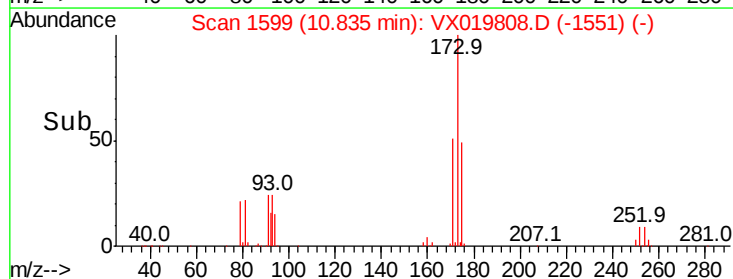
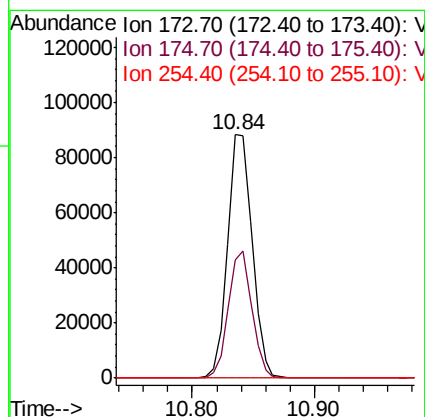
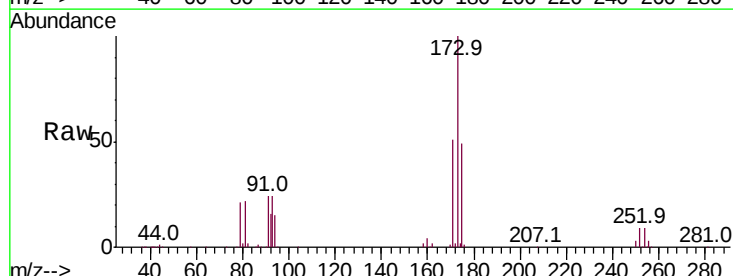
Instrument :
MSVOA_X
ClientSampleId :
TU032-32-5226-120820MSD

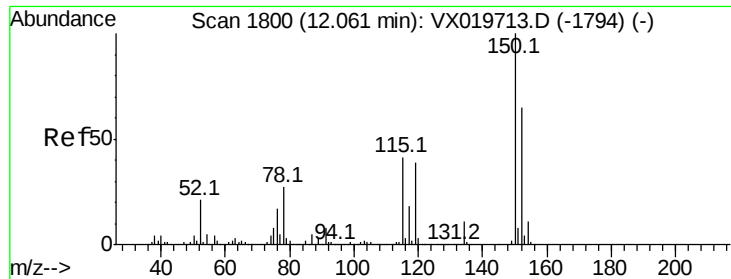
Tot Ion	Ratio	Lower	Upper
104	100		
78	50.3	40.0	60.0
103	54.6	43.4	65.0



#71
Bromoform
Concen: 52.220 ug/l
RT: 10.84 min Scan# 1599
Delta R.T. -0.01 min
Lab File: VX019808.D
Acq: 10 Dec 2020 04:11

Tgt Ion	Ratio	Lower	Upper
173	100		
175	49.8	23.9	71.8
254	0.1	0.1	0.1#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX019808.D

Acq: 10 Dec 2020 04:11

Instrument :

MSVOA_X

ClientSampleId :

TU032-32-5226-120820MSD

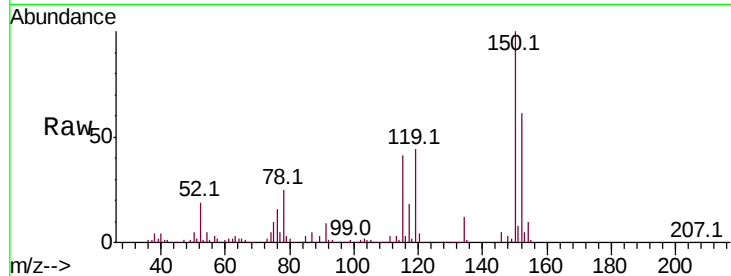
Tot Ion:152 Resp: 209322

Ion Ratio Lower Upper

152 100

115 83.4 41.1 123.3

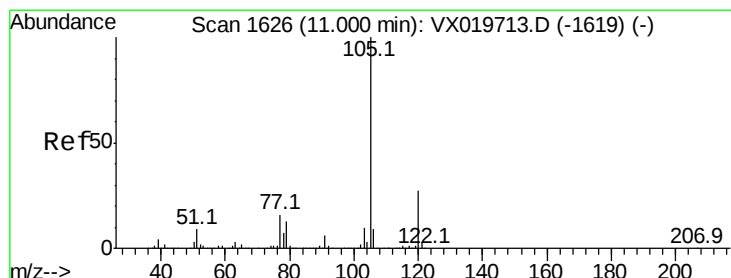
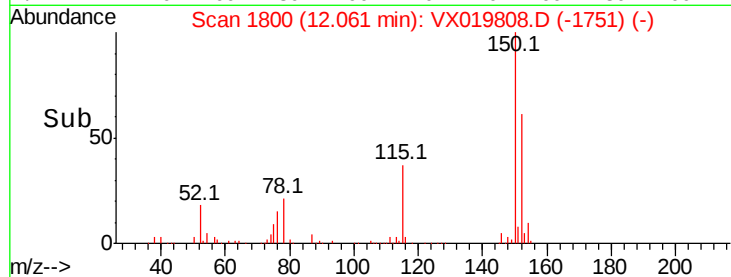
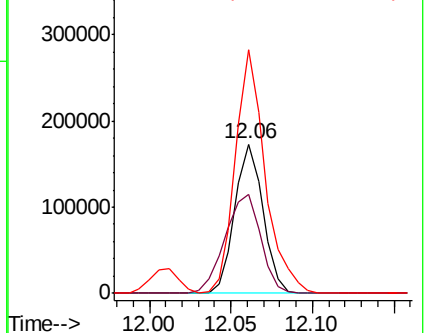
150 171.5 0.0 349.0



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: 52.040 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX019808.D

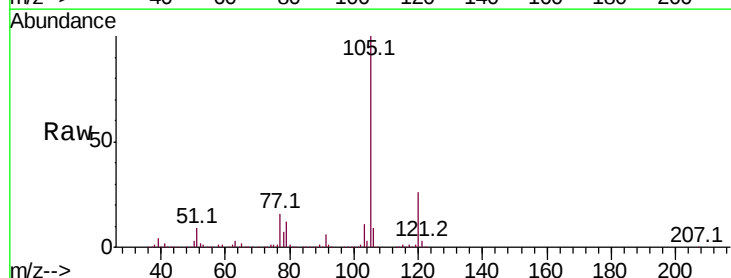
Acq: 10 Dec 2020 04:11

Tgt Ion:105 Resp: 744210

Ion Ratio Lower Upper

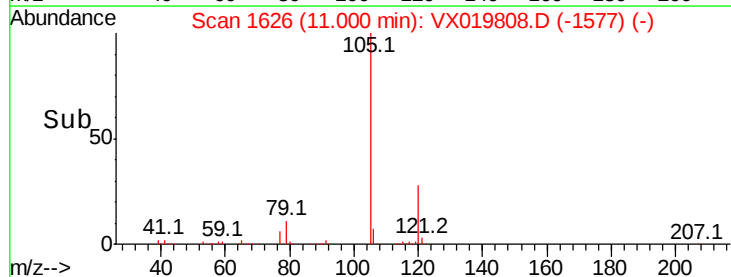
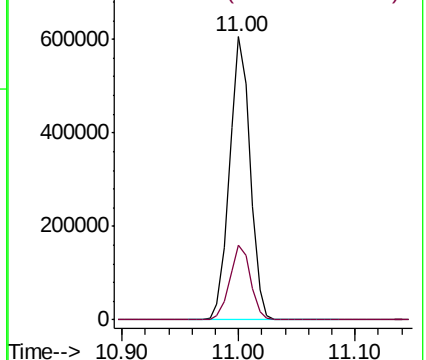
105 100

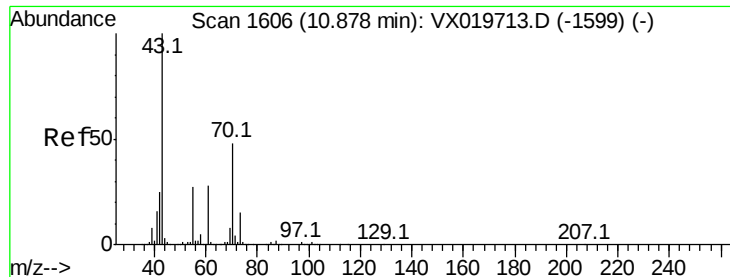
120 26.6 13.2 39.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 45.684 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX019808.D

Acq: 10 Dec 2020 04:11

Instrument :

MSVOA_X

ClientSampleId :

TU032-32-5226-120820MSD

Tot Ion: 43 Resp: 261811

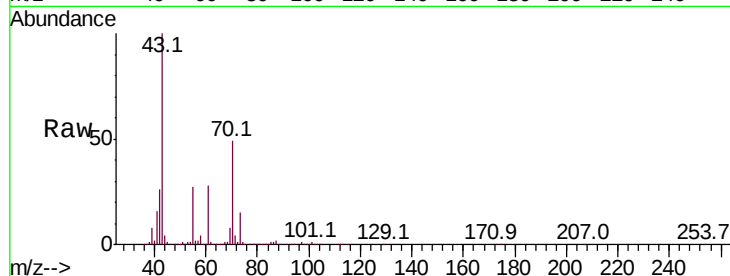
Ion Ratio Lower Upper

43 100

70 50.2 39.0 58.6

55 27.8 21.5 32.3

61 28.1 22.1 33.1

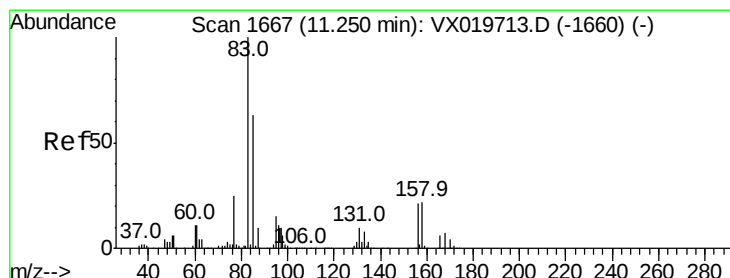
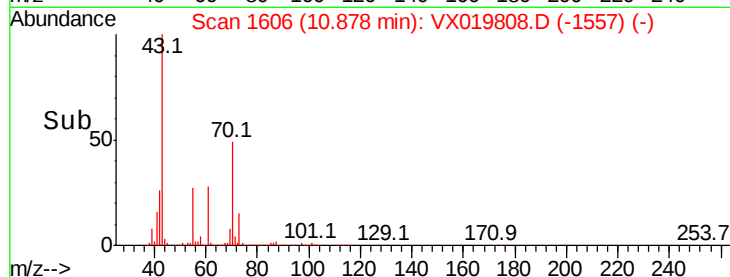
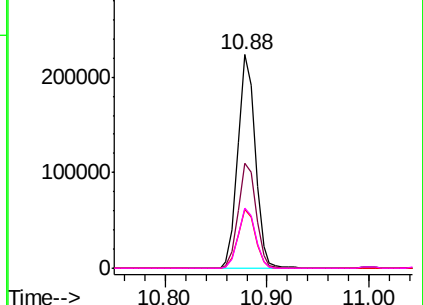


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0



#75

1,1,2,2-Tetrachloroethane

Concen: 52.470 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX019808.D

Acq: 10 Dec 2020 04:11

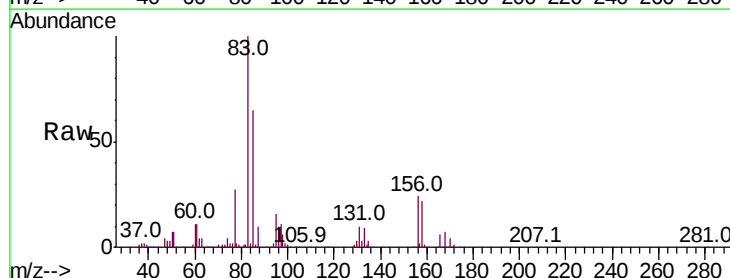
Tgt Ion: 83 Resp: 264550

Ion Ratio Lower Upper

83 100

131 10.1 5.1 15.2

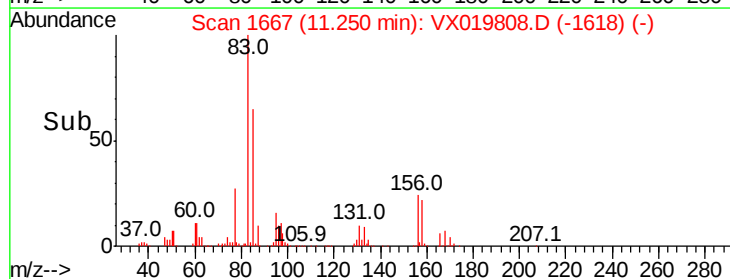
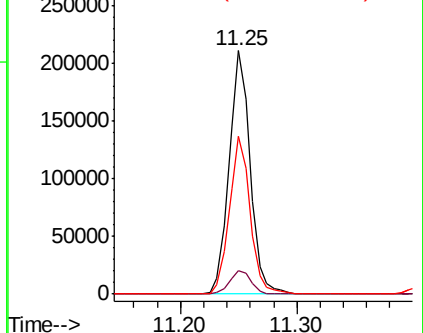
85 64.1 31.8 95.4

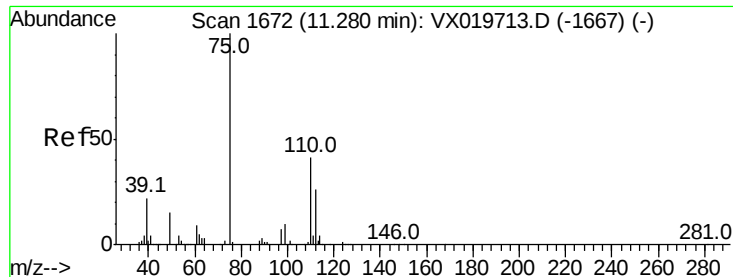


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0





#76

1,2,3-Trichloropropane

Concen: 63.071 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX019808.D

Acq: 10 Dec 2020 04:11

Instrument :

MSVOA_X

ClientSampleId :

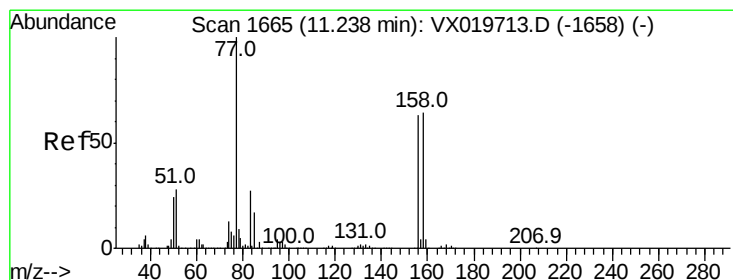
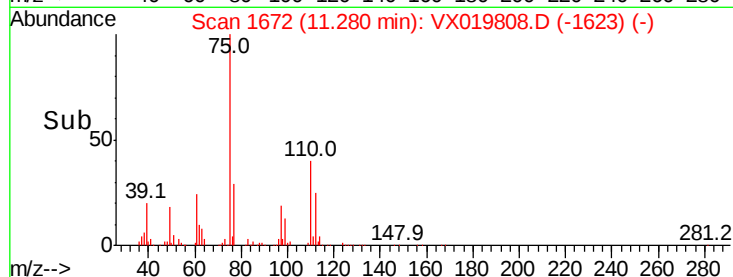
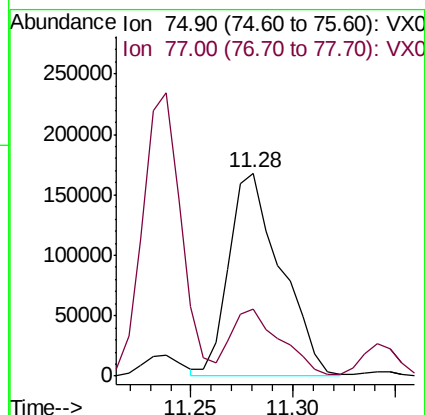
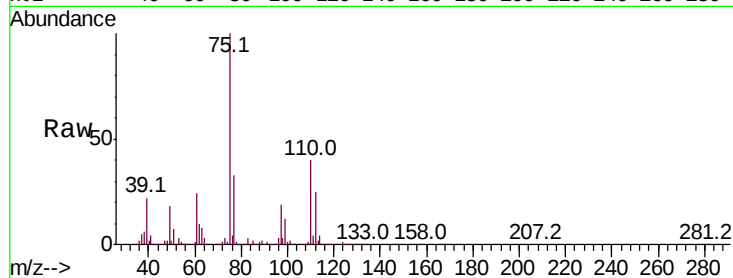
TU032-32-5226-120820MSD

Tot Ion: 75 Resp: 296101

Ion Ratio Lower Upper

75 100

77 31.3 19.1 57.5



#77

Bromobenzene

Concen: 50.610 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX019808.D

Acq: 10 Dec 2020 04:11

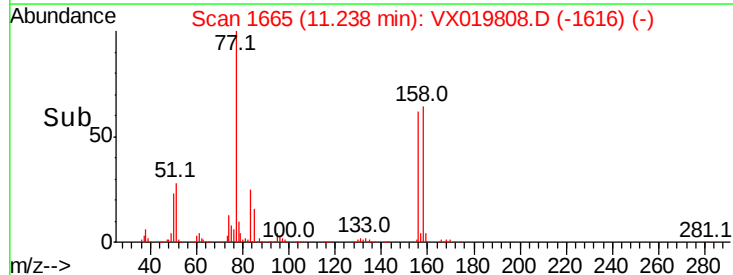
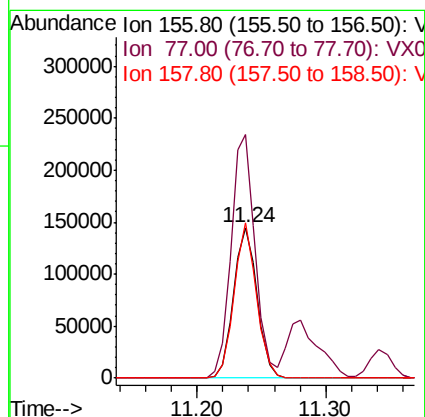
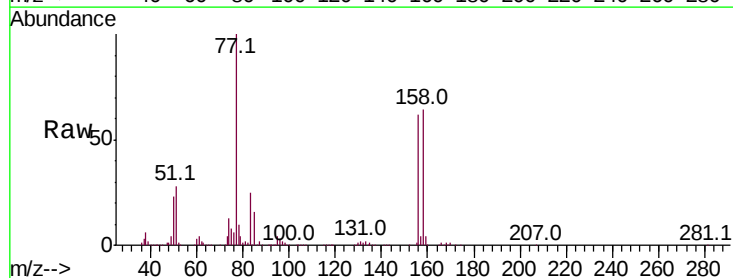
Tgt Ion: 156 Resp: 185220

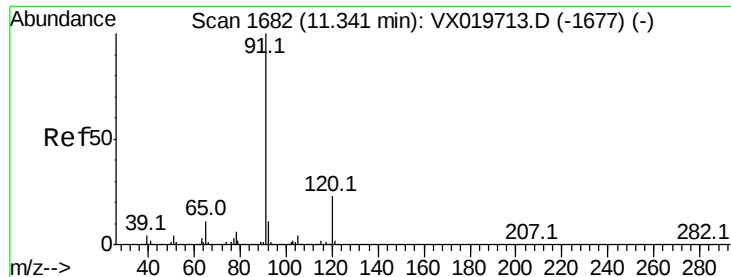
Ion Ratio Lower Upper

156 100

77 165.3 82.8 248.6

158 97.8 49.1 147.4





#78

n-propylbenzene

Concen: 52.042 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX019808.D

Acq: 10 Dec 2020 04:11

Instrument :

MSVOA_X

ClientSampleId :

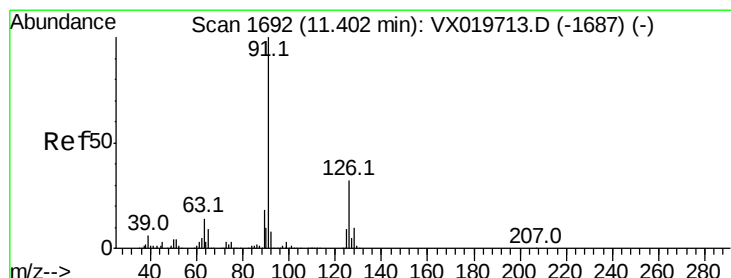
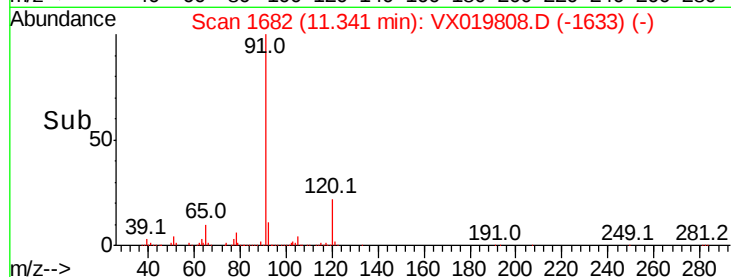
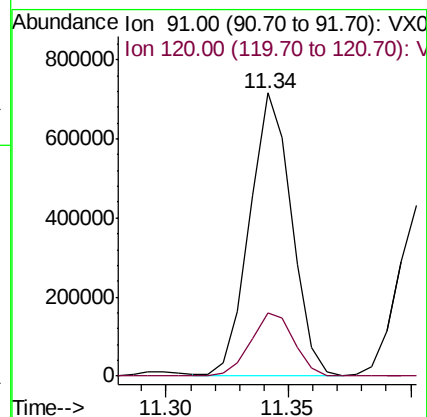
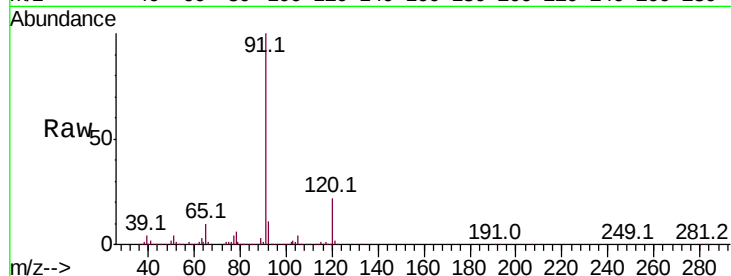
TU032-32-5226-120820MSD

Tot Ion: 91 Resp: 850039

Ion Ratio Lower Upper

91 100

120 23.1 11.5 34.5



#79

2-Chlorotoluene

Concen: 50.835 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX019808.D

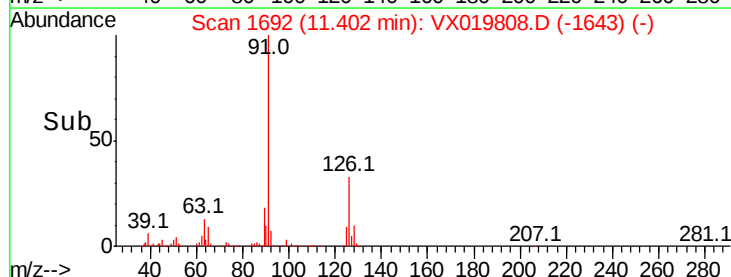
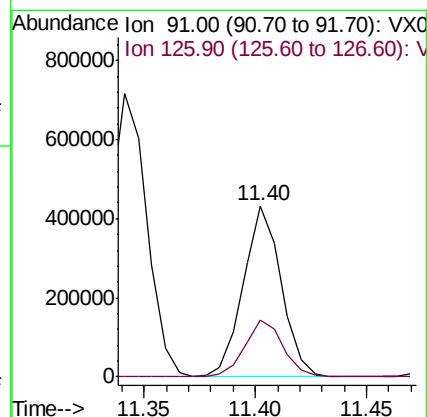
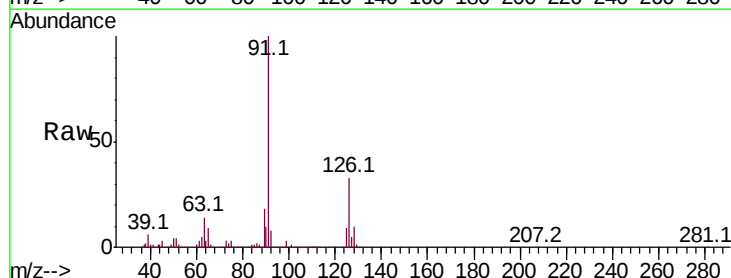
Acq: 10 Dec 2020 04:11

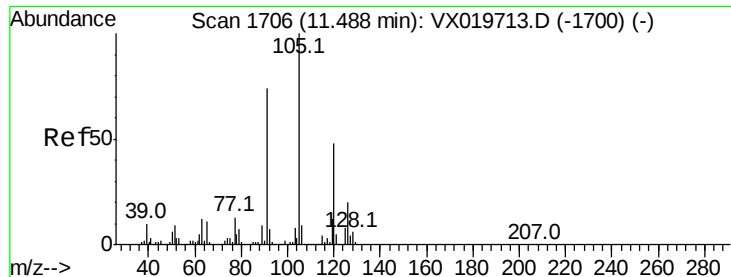
Tgt Ion: 91 Resp: 511331

Ion Ratio Lower Upper

91 100

126 33.4 16.6 49.8





#80

1,3,5-Trimethylbenzene

Concen: 51.924 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.00 min

Lab File: VX019808.D

Acq: 10 Dec 2020 04:11

Instrument :

MSVOA_X

ClientSampleId :

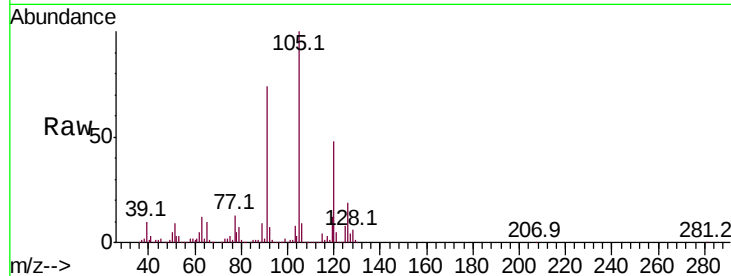
TU032-32-5226-120820MSD

Tot Ion:105 Resp: 626690

Ion Ratio Lower Upper

105 100

120 48.3 23.8 71.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

600000

500000

400000

300000

200000

100000

0

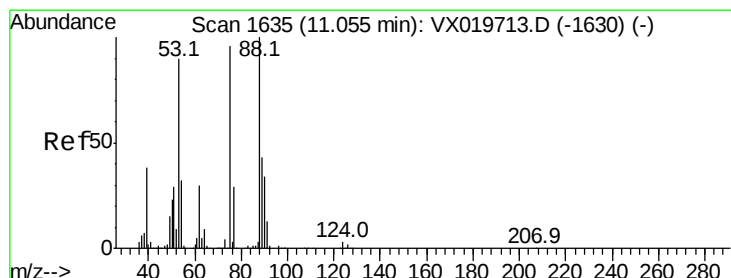
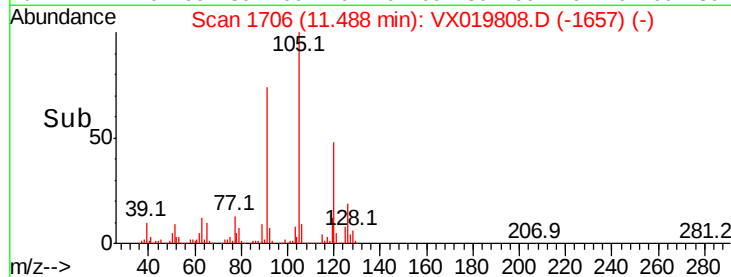
11.49

11.40

11.50

11.60

Time-->



#81

trans-1,4-Dichloro-2-butene

Concen: 47.968 ug/l

RT: 11.05 min Scan# 1635

Delta R.T. -0.00 min

Lab File: VX019808.D

Acq: 10 Dec 2020 04:11

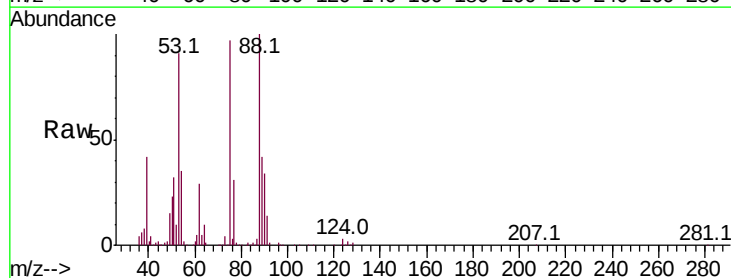
Tgt Ion: 75 Resp: 77901

Ion Ratio Lower Upper

75 100

53 93.5 74.5 111.7

89 45.4 37.9 56.9



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0

100000

80000

60000

40000

20000

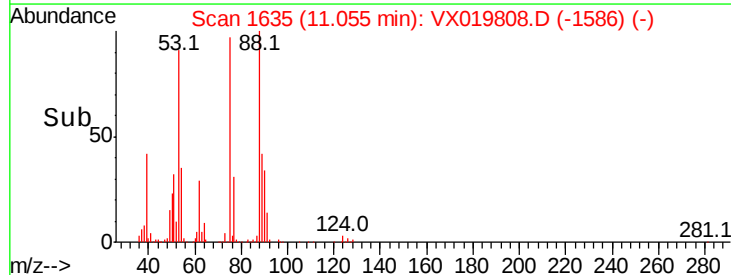
0

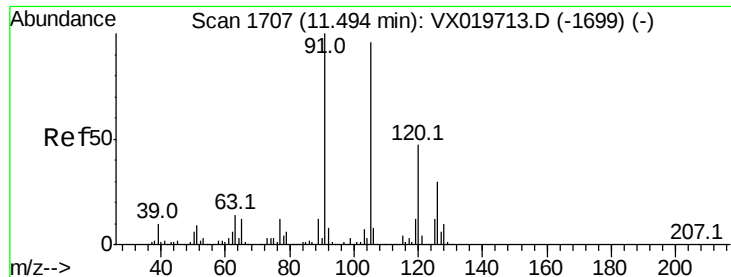
11.05

11.00

11.10

Time-->





#82

4-Chlorotoluene

Concen: 50.796 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX019808.D

Acq: 10 Dec 2020 04:11

Instrument :

MSVOA_X

ClientSampleId :

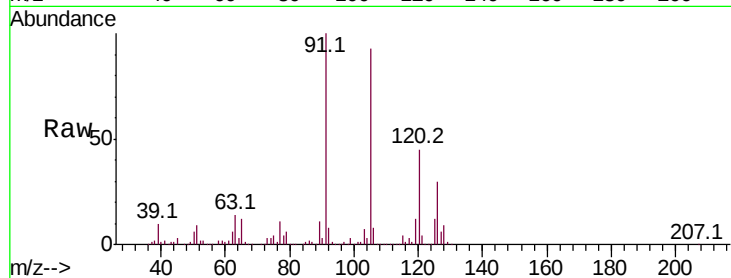
TU032-32-5226-120820MSD

Tot Ion: 91 Resp: 598398

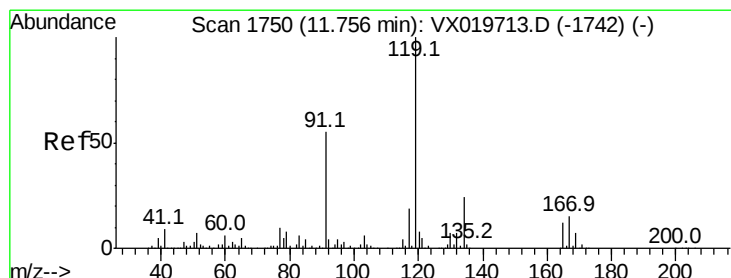
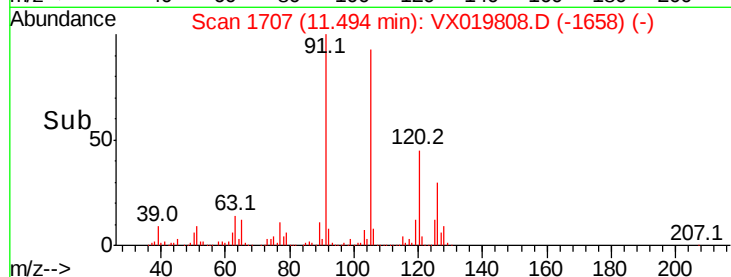
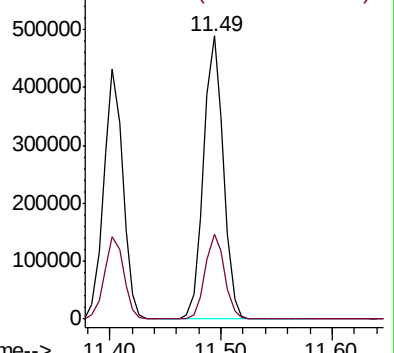
Ion Ratio Lower Upper

91 100

126 29.7 14.9 44.5



Abundance Ion 91.00 (90.70 to 91.70): VX019713.D (-1699) (-)



#83

tert-Butylbenzene

Concen: 52.372 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX019808.D

Acq: 10 Dec 2020 04:11

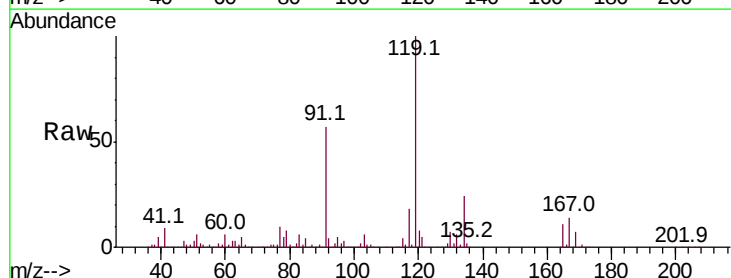
Tgt Ion: 119 Resp: 619936

Ion Ratio Lower Upper

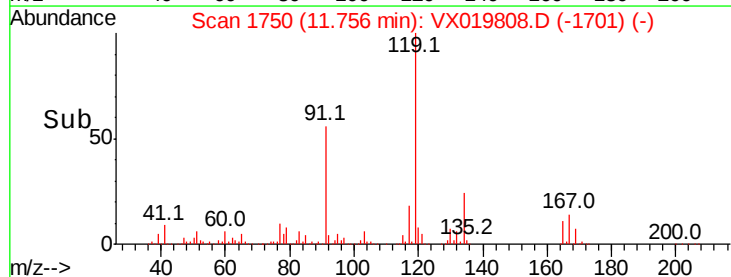
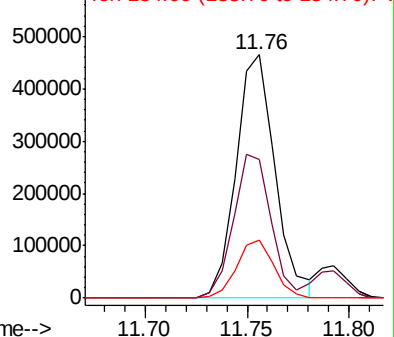
119 100

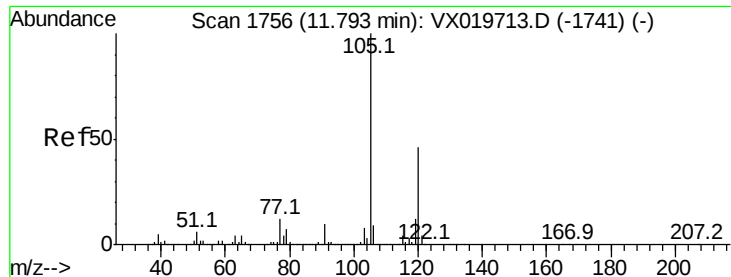
91 56.7 27.9 83.7

134 22.9 11.3 33.9



Abundance Ion 119.00 (118.70 to 119.70): VX019713.D (-1742) (-)

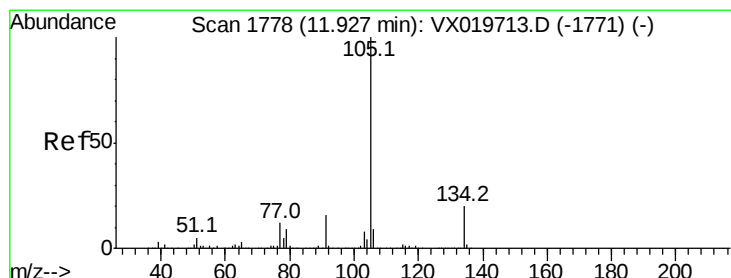
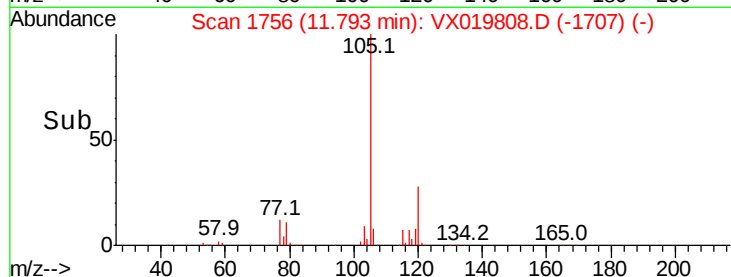
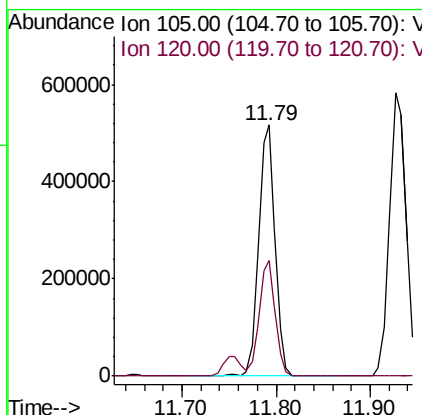
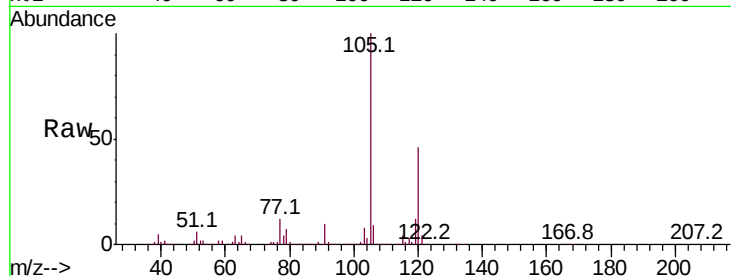




#84
 1,2,4-Trimethylbenzene
 Concen: 52.483 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX019808.D
 Acq: 10 Dec 2020 04:11

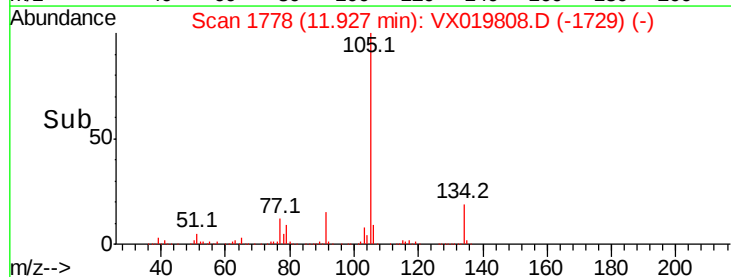
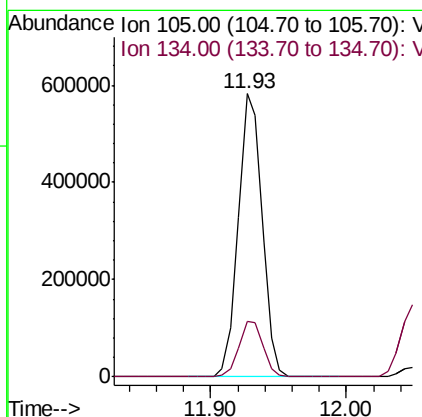
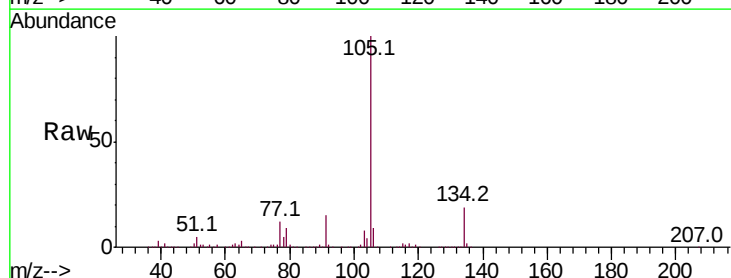
Instrument :
 MSVOA_X
 ClientSampleId :
 TU032-32-5226-120820MSD

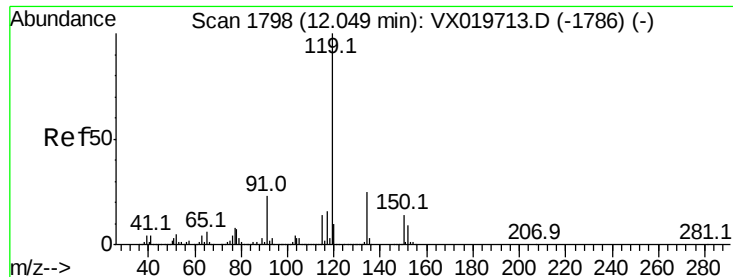
Tot Ion:105 Resp: 638082
 Ion Ratio Lower Upper
 105 100
 120 44.9 22.4 67.3



#85
 sec-Butylbenzene
 Concen: 52.609 ug/l
 RT: 11.93 min Scan# 1778
 Delta R.T. -0.00 min
 Lab File: VX019808.D
 Acq: 10 Dec 2020 04:11

Tgt Ion:105 Resp: 710993
 Ion Ratio Lower Upper
 105 100
 134 19.8 10.0 29.8

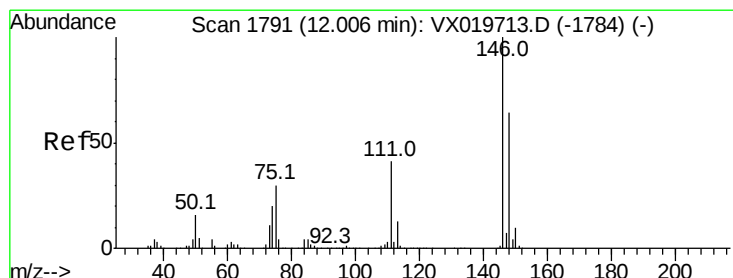
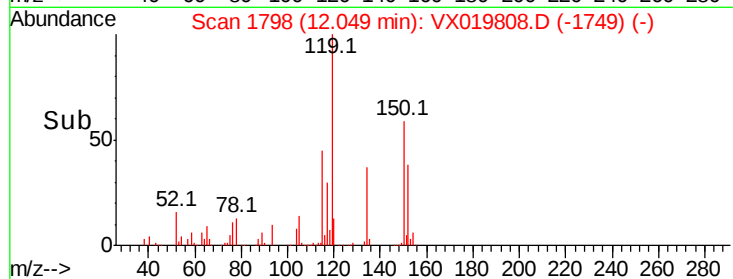
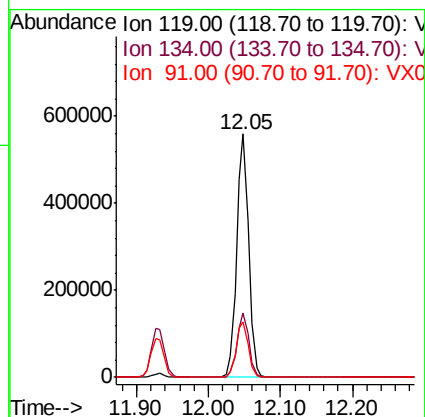
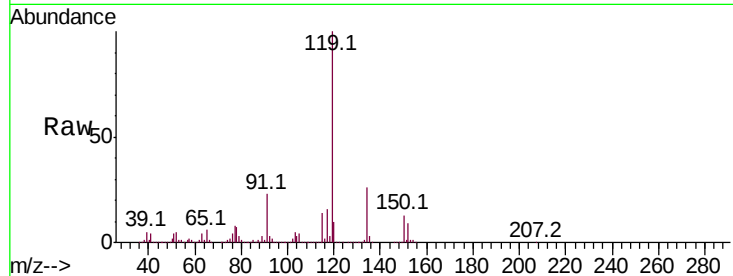




#86
p-Isopropyltoluene
Concen: 52.484 ug/l
RT: 12.05 min Scan# 1798
Delta R.T. -0.00 min
Lab File: VX019808.D
Acq: 10 Dec 2020 04:11

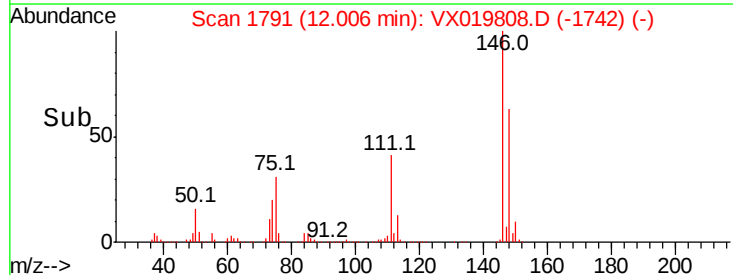
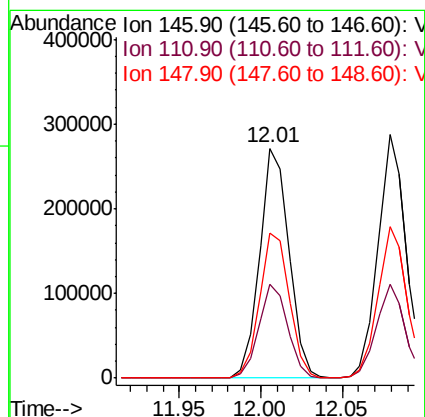
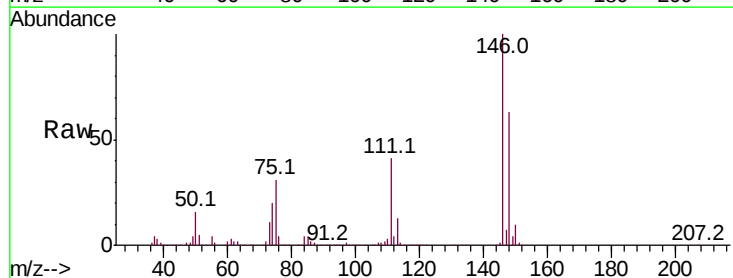
Instrument :
MSVOA_X
ClientSampleId :
TU032-32-5226-120820MSD

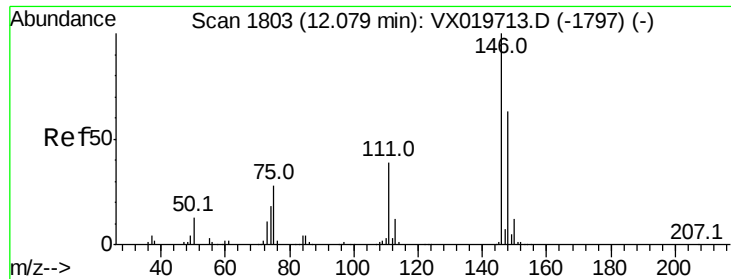
Tot Ion	Ratio	Lower	Upper
119	100		
134	26.1	12.9	38.7
91	23.4	11.7	35.0



#87
1,3-Dichlorobenzene
Concen: 50.365 ug/l
RT: 12.01 min Scan# 1791
Delta R.T. -0.00 min
Lab File: VX019808.D
Acq: 10 Dec 2020 04:11

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.4	20.2	60.5
148	64.0	31.9	95.7

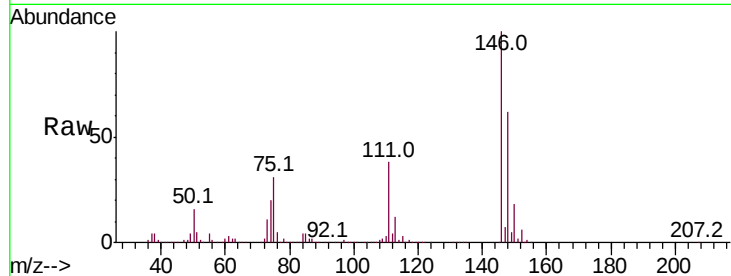




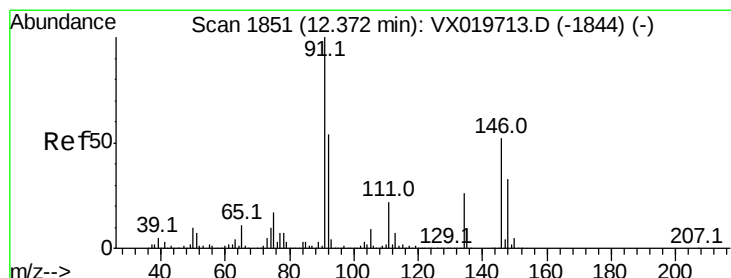
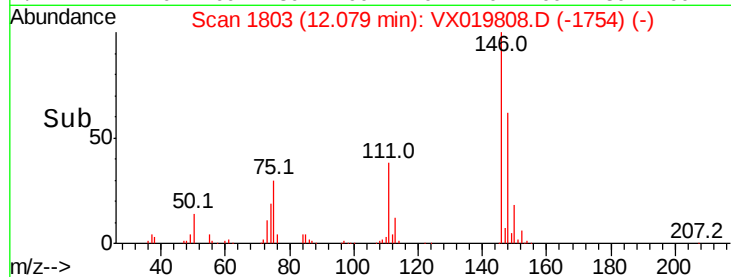
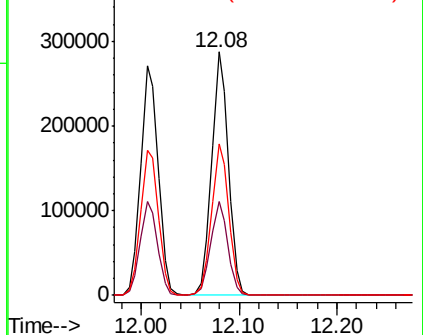
#88
 1,4-Dichlorobenzene
 Concen: 50.091 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX019808.D
 Acq: 10 Dec 2020 04:11

Instrument :
 MSVOA_X
 ClientSampleId :
 TU032-32-5226-120820MSD

Tot Ion:146 Resp: 342691
 Ion Ratio Lower Upper
 146 100
 111 39.3 19.6 58.8
 148 63.7 31.6 95.0

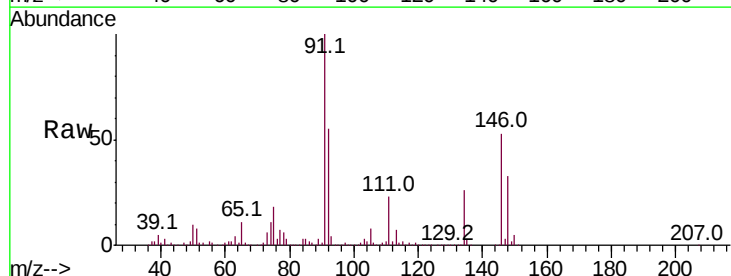


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

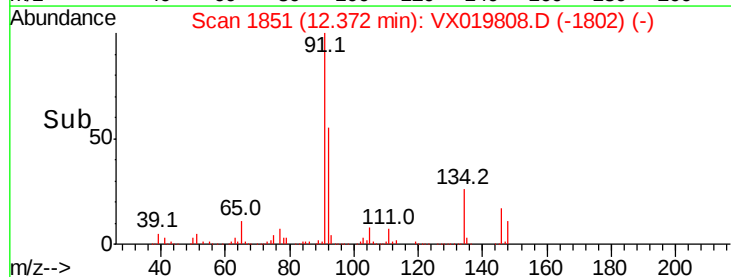
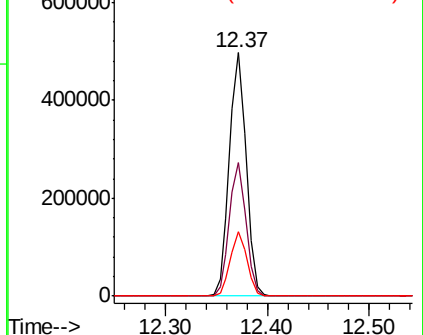


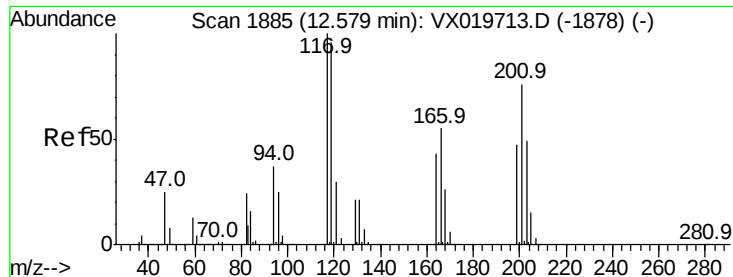
#89
 n-Butylbenzene
 Concen: 51.691 ug/l
 RT: 12.37 min Scan# 1851
 Delta R.T. -0.00 min
 Lab File: VX019808.D
 Acq: 10 Dec 2020 04:11

Tgt Ion: 91 Resp: 567233
 Ion Ratio Lower Upper
 91 100
 92 54.3 27.4 82.0
 134 25.9 13.2 39.5



Abundance Ion 91.00 (90.70 to 91.70): VX0
 Ion 92.00 (91.70 to 92.70): VX0
 Ion 134.00 (133.70 to 134.70): V





#90

Hexachloroethane

Concen: 52.161 ug/l

RT: 12.58 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VX019808.D

Acq: 10 Dec 2020 04:11

Instrument :

MSVOA_X

ClientSampleId :

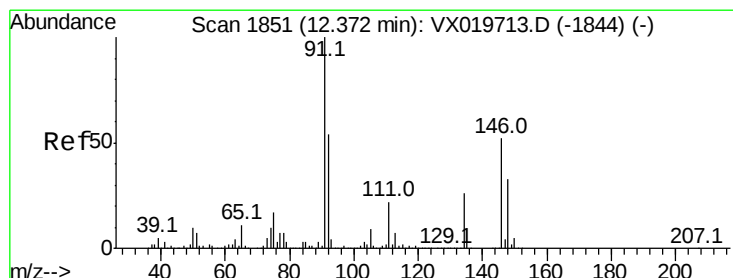
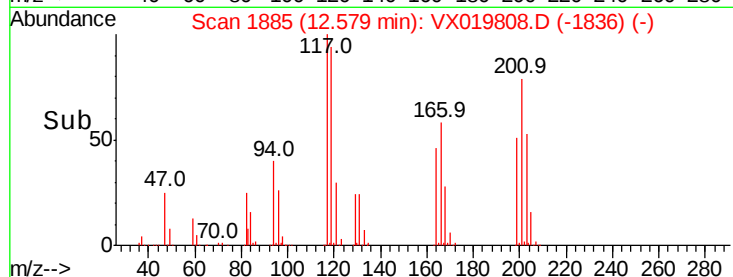
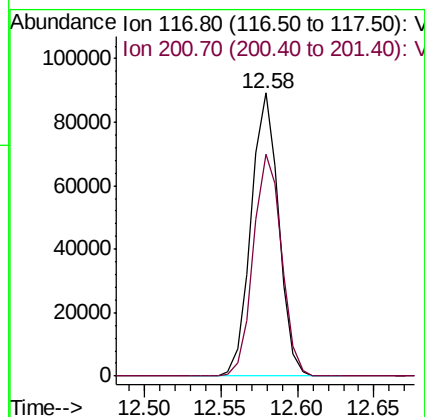
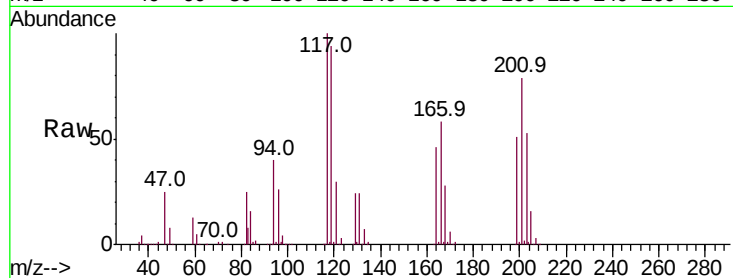
TU032-32-5226-120820MSD

Tot Ion:117 Resp: 111540

Ion Ratio Lower Upper

117 100

201 80.5 40.4 121.2



#91

1,2-Dichlorobenzene

Concen: 51.234 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. -0.00 min

Lab File: VX019808.D

Acq: 10 Dec 2020 04:11

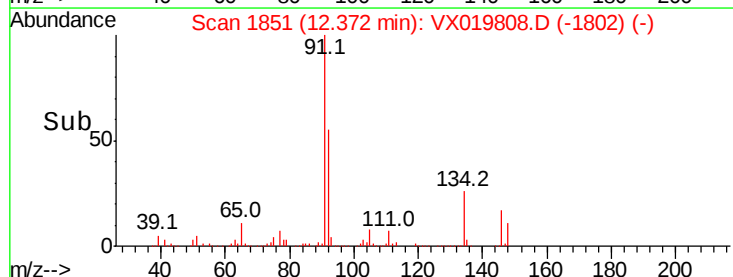
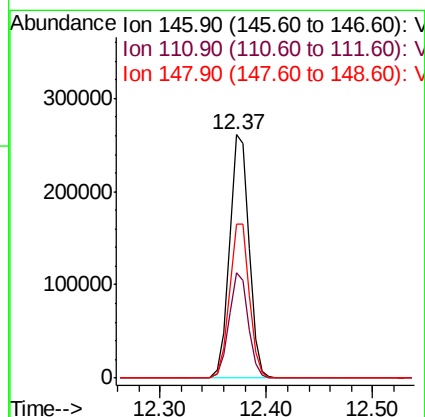
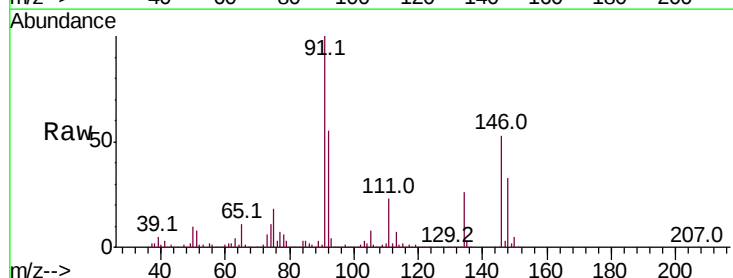
Tgt Ion:146 Resp: 335472

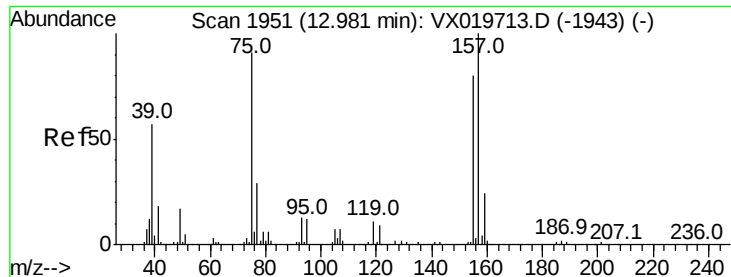
Ion Ratio Lower Upper

146 100

111 42.4 20.8 62.2

148 64.4 31.9 95.5

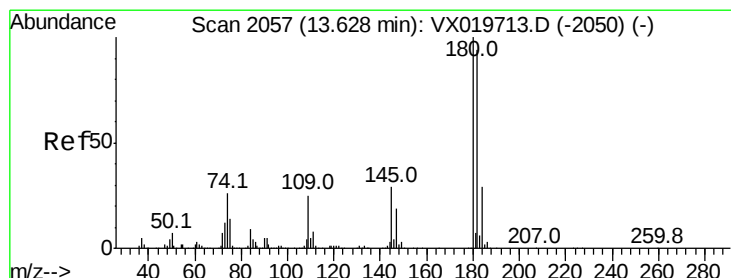
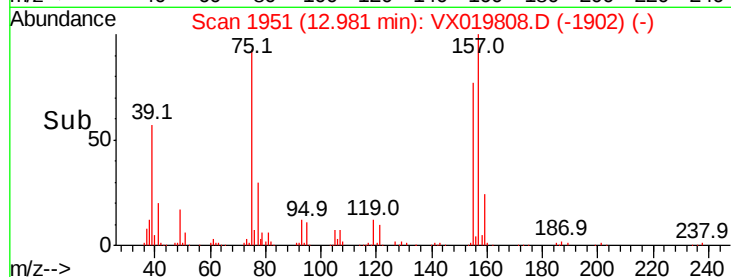
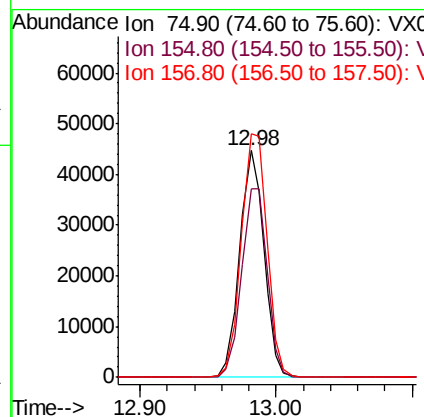
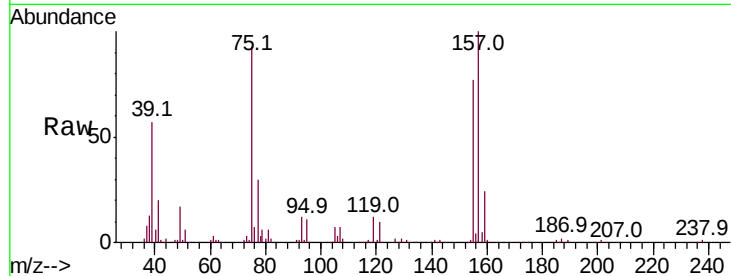




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 51.339 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX019808.D
 Acq: 10 Dec 2020 04:11

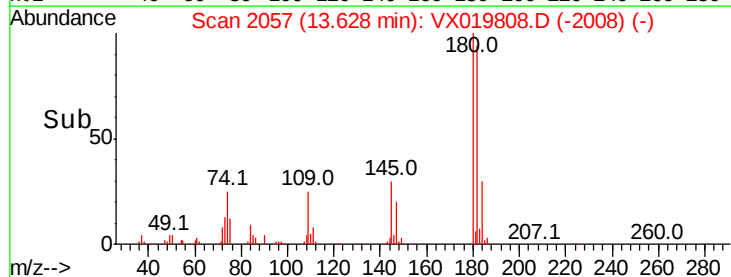
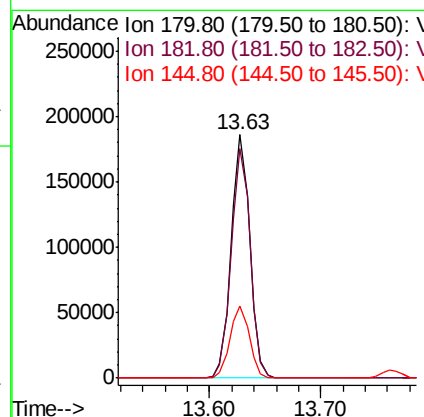
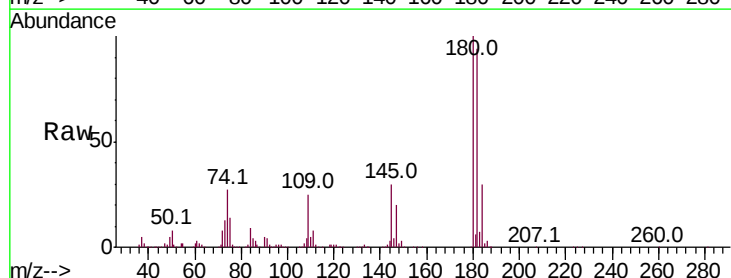
Instrument :
 MSVOA_X
 ClientSampleId :
 TU032-32-5226-120820MSD

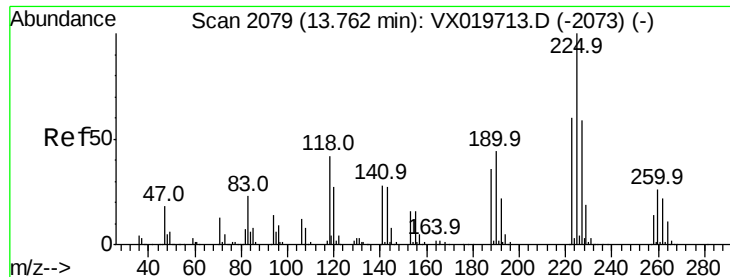
Tot Ion: 75 Resp: 55646
 Ion Ratio Lower Upper
 75 100
 155 87.6 45.3 135.9
 157 113.7 57.7 173.1



#93
 1,2,4-Trichlorobenzene
 Concen: 50.529 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX019808.D
 Acq: 10 Dec 2020 04:11

Tgt Ion: 180 Resp: 215372
 Ion Ratio Lower Upper
 180 100
 182 96.1 47.7 143.1
 145 30.7 15.0 45.0





#94

Hexachlorobutadiene

Concen: 48.091 ug/l

RT: 13.76 min Scan# 2079

Delta R.T. -0.00 min

Lab File: VX019808.D

Acq: 10 Dec 2020 04:11

Instrument :

MSVOA_X

ClientSampleId :

TU032-32-5226-120820MSD

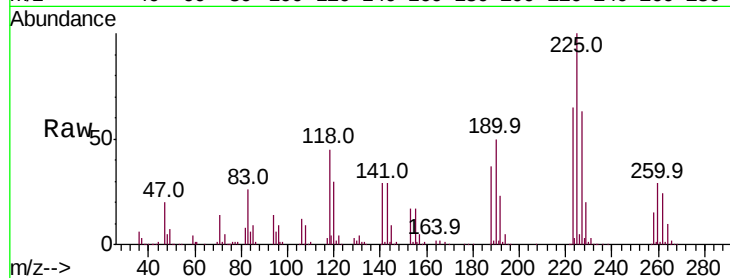
Tot Ion:225 Resp: 91618

Ion Ratio Lower Upper

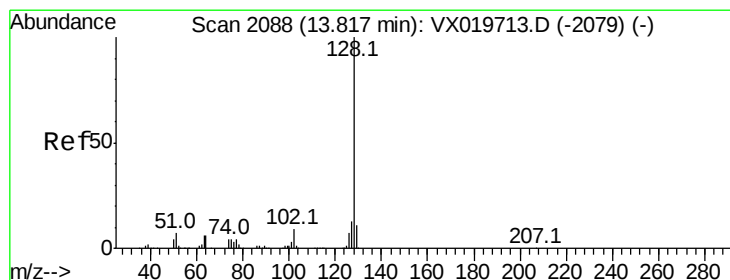
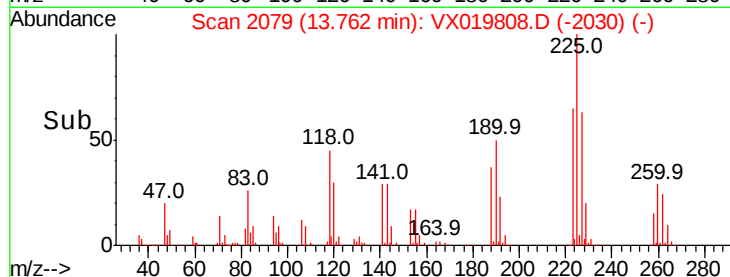
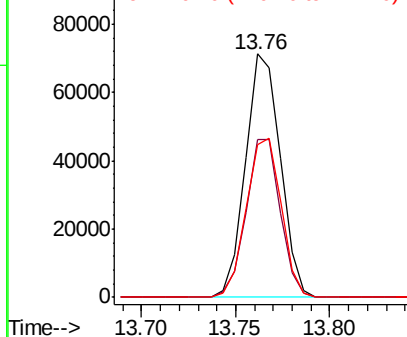
225 100

223 63.7 31.1 93.2

227 65.5 31.6 95.0



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: 53.761 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX019808.D

Acq: 10 Dec 2020 04:11

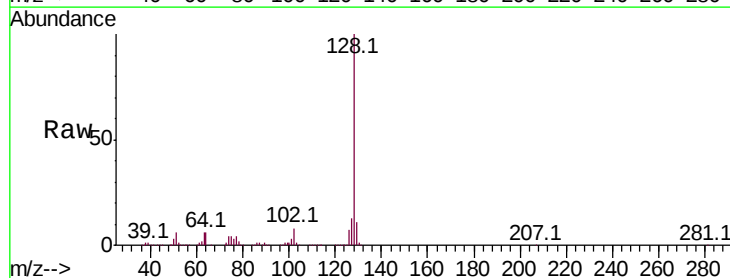
Tgt Ion:128 Resp: 742904

Ion Ratio Lower Upper

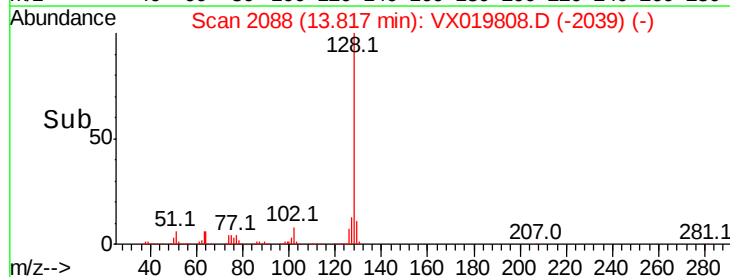
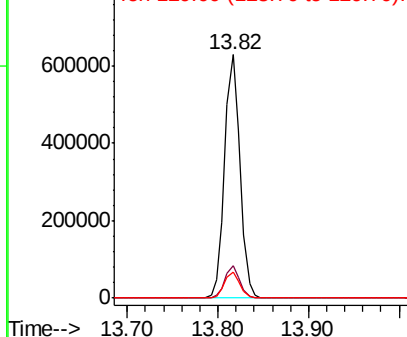
128 100

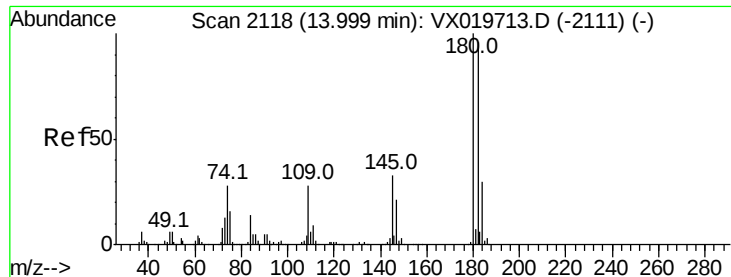
127 12.7 10.3 15.5

129 10.8 8.8 13.2



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V





#96
 1,2,3-Trichlorobenzene
 Concen: 50.780 ug/l
 RT: 14.00 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VX019808.D
 Acq: 10 Dec 2020 04:11

Instrument :
 MSVOA_X
 ClientSampleId :
 TU032-32-5226-120820MSD

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.9	47.6	142.9
145	32.5	16.1	48.3

