

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112120\
 Data File : VX019490.D
 Acq On : 20 Nov 2020 10:30
 Operator : JC/MD
 Sample : VSTDIC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Quant Time: Nov 21 01:40:17 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112120W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 21 01:38:04 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	249429	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	414135	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	397367	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	192519	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	56854	17.58	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	35.16%#	
35) Dibromofluoromethane		5.46	113	45092	17.35	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	34.70%#	
50) Toluene-d8		8.70	98	180702	17.89	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	35.78%#	
62) 4-Bromofluorobenzene		11.12	95	64523	17.75	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	35.50%#	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	46180	19.039	ug/l	99
3) Chloromethane	1.31	50	53409	19.188	ug/l	98
4) Vinyl Chloride	1.39	62	56099	18.723	ug/l	100
5) Bromomethane	1.62	94	22226	19.584	ug/l	95
6) Chloroethane	1.70	64	19797	23.881	ug/l	97
7) Trichlorofluoromethane	1.90	101	79518	18.387	ug/l	98
8) Diethyl Ether	2.17	74	32683	18.871	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.35	101	44631	18.499	ug/l	98
10) Methyl Iodide	2.48	142	57150	18.031	ug/l	99
11) Tert butyl alcohol	3.04	59	63330	103.472	ug/l	99
12) 1,1-Dichloroethene	2.35	96	44900	18.132	ug/l	93
13) Acrolein	2.28	56	37395	90.894	ug/l	100
14) Allyl chloride	2.70	41	68267	17.598	ug/l	99
15) Acrylonitrile	3.12	53	135858	94.122	ug/l	99
16) Acetone	2.43	43	117971	94.326	ug/l	100
17) Carbon Disulfide	2.54	76	115473	17.358	ug/l	100
18) Methyl Acetate	2.75	43	56140	17.402	ug/l	96
19) Methyl tert-butyl Ether	3.17	73	156555	18.315	ug/l	99
20) Methylene Chloride	2.83	84	56465	18.063	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	50340	17.942	ug/l	94
22) Diisopropyl ether	3.82	45	147822	18.420	ug/l	95
23) Vinyl Acetate	3.78	43	627699	93.250	ug/l	99
24) 1,1-Dichloroethane	3.67	63	90657	18.469	ug/l	99
25) 2-Butanone	4.64	43	184465	98.185	ug/l	98
26) 2,2-Dichloropropane	4.55	77	76646	17.889	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	59359	18.418	ug/l	98
28) Bromochloromethane	4.98	49	43421	18.502	ug/l	98
29) Tetrahydrofuran	5.09	42	110128	91.871	ug/l	100
30) Chloroform	5.17	83	93922	18.299	ug/l	98
31) Cyclohexane	5.54	56	75281	17.897	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	81965	18.591	ug/l	99
36) 1,1-Dichloropropene	5.76	75	67484	17.381	ug/l	98
37) Ethyl Acetate	4.80	43	69212	18.989	ug/l	100
38) Carbon Tetrachloride	5.75	117	67266	17.899	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.43	83	78825	17.437	ug/l	98
40) Benzene	6.11	78	215455	18.061	ug/l	100
41) Methacrylonitrile	5.00	41	37373	18.594	ug/l	98
42) 1,2-Dichloroethane	6.16	62	74926	18.325	ug/l	99
43) Isopropyl Acetate	6.42	43	109987	17.951	ug/l	100
44) Trichloroethene	7.19	130	56390	18.047	ug/l	98
45) 1,2-Dichloropropane	7.49	63	54305	18.492	ug/l	98
46) Dibromomethane	7.63	93	36445	18.132	ug/l	100
47) Bromodichloromethane	7.87	83	70804	18.154	ug/l	99
48) Methyl methacrylate	7.74	41	53510	18.648	ug/l	99
49) 1,4-Dioxane	7.72	88	25526	391.791	ug/l	100
51) 4-Methyl-2-Pentanone	8.62	43	350768	98.175	ug/l	100
52) Toluene	8.76	92	138314	18.953	ug/l	97
53) t-1,3-Dichloropropene	9.02	75	77586	18.419	ug/l	98
54) cis-1,3-Dichloropropene	8.41	75	85420	18.274	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	56698	19.077	ug/l	97
56) Ethyl methacrylate	9.16	69	79727	18.958	ug/l	99
57) 1,3-Dichloropropane	9.35	76	94284	18.948	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.29	63	228018	92.532	ug/l	100
59) 2-Hexanone	9.48	43	269474	99.446	ug/l	100
60) Dibromochloromethane	9.56	129	54814	18.829	ug/l	97
61) 1,2-Dibromoethane	9.65	107	58853	19.211	ug/l	99
64) Tetrachloroethene	9.32	164	55578	17.793	ug/l	96
65) Chlorobenzene	10.12	112	147182	18.015	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.20	131	53248	17.918	ug/l	98
67) Ethyl Benzene	10.23	91	258661	18.072	ug/l	99
68) m/p-Xylenes	10.34	106	197913	37.116	ug/l	98
69) o-Xylene	10.68	106	93338	18.311	ug/l	98
70) Styrene	10.69	104	156231	18.464	ug/l	100
71) Bromoform	10.84	173	37849	17.418	ug/l #	98
73) Isopropylbenzene	11.00	105	248965	18.694	ug/l	100
74) N-amyl acetate	10.88	43	89353	17.905	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	85967	18.050	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	95385	22.703	ug/l	88
77) Bromobenzene	11.24	156	61008	17.944	ug/l	98
78) n-propylbenzene	11.34	91	283294	18.542	ug/l	100
79) 2-Chlorotoluene	11.40	91	172866	18.656	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	212821	19.049	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.05	75	23709	16.600	ug/l	92
82) 4-Chlorotoluene	11.49	91	202389	18.555	ug/l	99
83) tert-Butylbenzene	11.76	119	197624	18.284	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	212881	18.832	ug/l	99
85) sec-Butylbenzene	11.93	105	241435	18.776	ug/l	99
86) p-Isopropyltoluene	12.05	119	217943	18.668	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	114444	18.329	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	115720	17.993	ug/l	99
89) n-Butylbenzene	12.37	91	189896	17.992	ug/l	99
90) Hexachloroethane	12.58	117	35017	17.925	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	112852	17.995	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	17177	17.679	ug/l	99

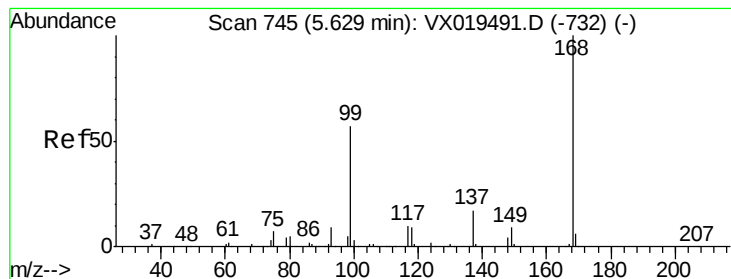
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112120\
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	70634	17.544	ug/l	98
94) Hexachlorobutadiene	13.76	225	31252	17.040	ug/l	99
95) Naphthalene	13.82	128	227871	18.282	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	72455	17.991	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

Lab File: VX019490.D

Acq: 20 Nov 2020 10:30

Instrument :

MSVOA_X

ClientSampleId :

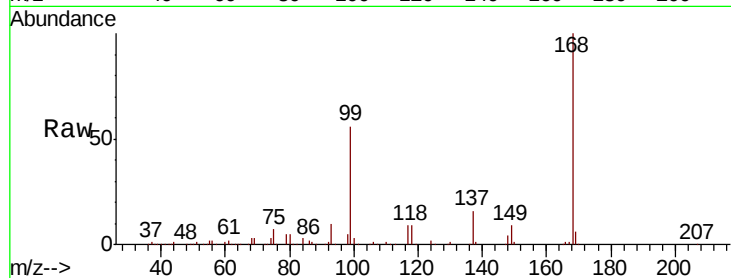
VSTDIC020

Tot Ion:168 Resp: 249429

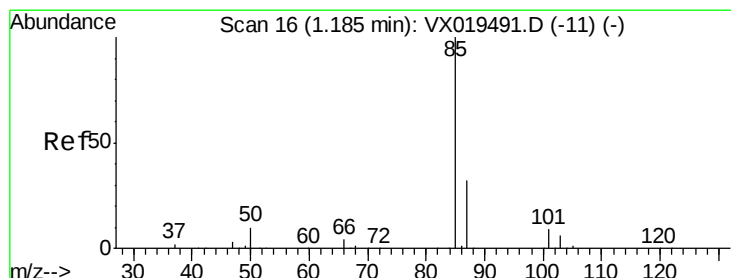
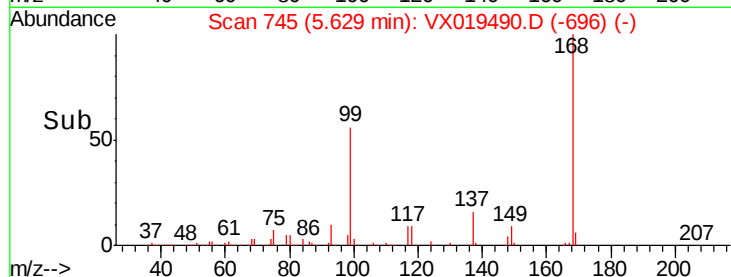
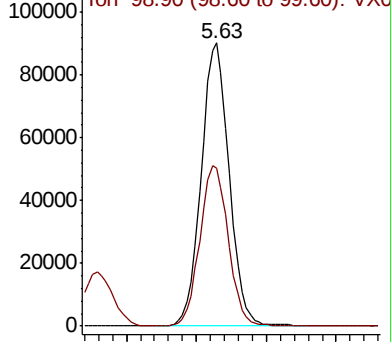
Ion Ratio Lower Upper

168 100

99 55.9 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): VX019490.D (-696) (-)



#2

Dichlorodifluoromethane

Concen: 19.039 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX019490.D

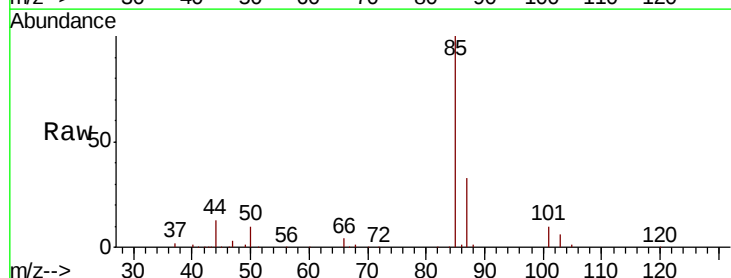
Acq: 20 Nov 2020 10:30

Tgt Ion: 85 Resp: 46180

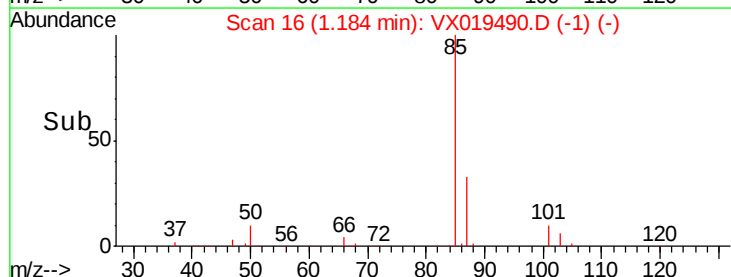
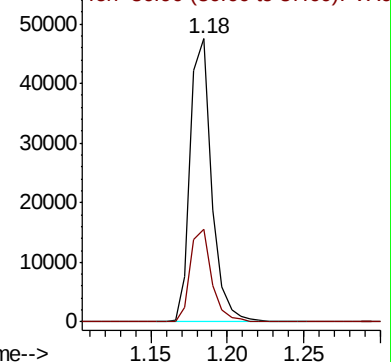
Ion Ratio Lower Upper

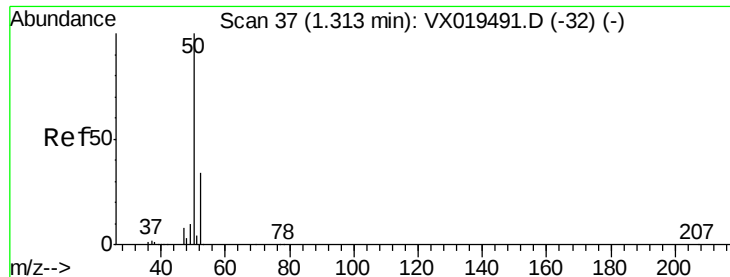
85 100

87 32.6 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX019490.D (-1) (-)





#3

Chloromethane

Concen: 19.188 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX019490.D

Acq: 20 Nov 2020 10:30

Instrument :

MSVOA_X

ClientSampleId :

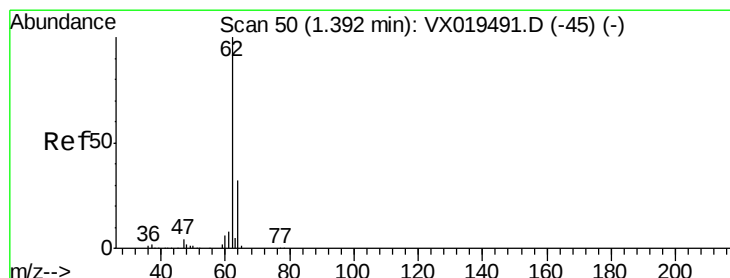
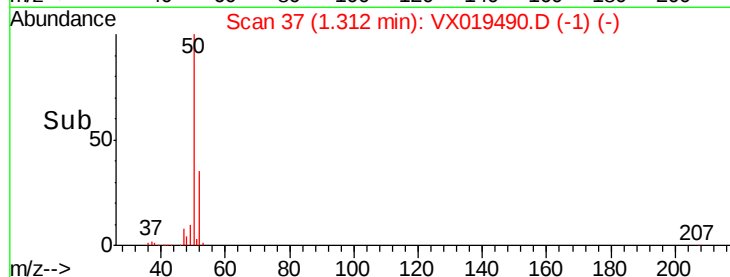
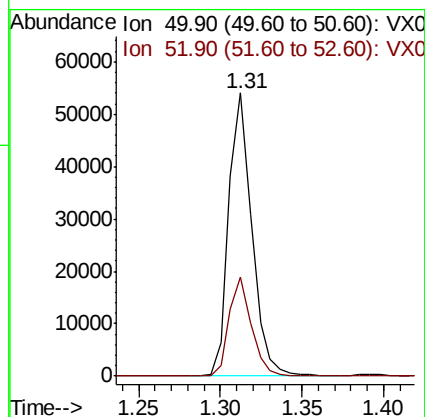
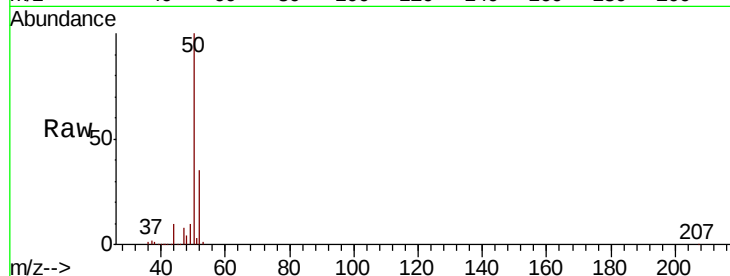
VSTDIC020

Tot Ion: 50 Resp: 53409

Ion Ratio Lower Upper

50 100

52 35.1 27.0 40.6



#4

Vinyl Chloride

Concen: 18.723 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX019490.D

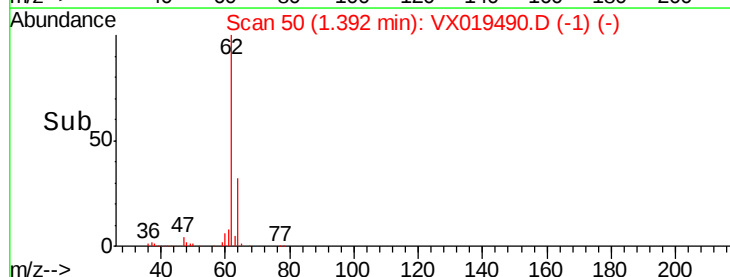
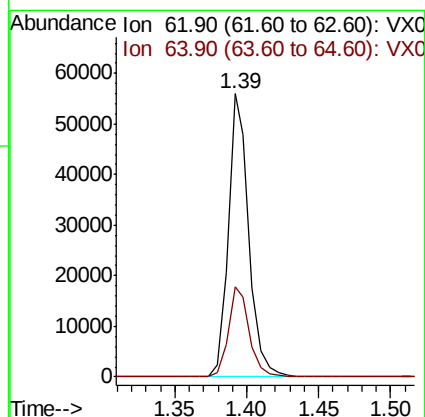
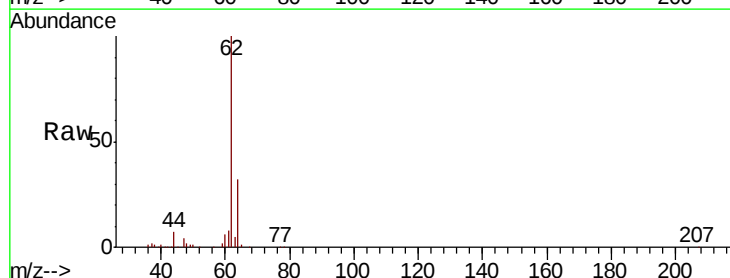
Acq: 20 Nov 2020 10:30

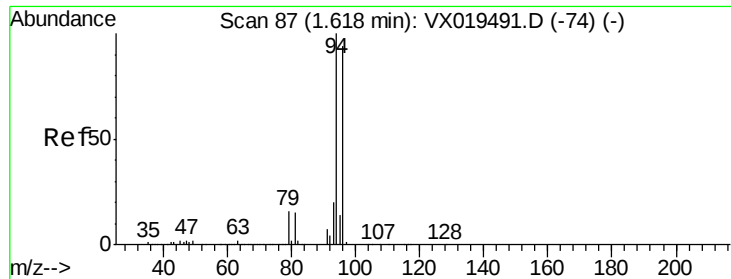
Tgt Ion: 62 Resp: 56099

Ion Ratio Lower Upper

62 100

64 31.8 25.4 38.2





#5

Bromomethane

Concen: 19.584 ug/l

RT: 1.62 min Scan# 87

Delta R.T. -0.00 min

Lab File: VX019490.D

Acq: 20 Nov 2020 10:30

Instrument :

MSVOA_X

ClientSampleId :

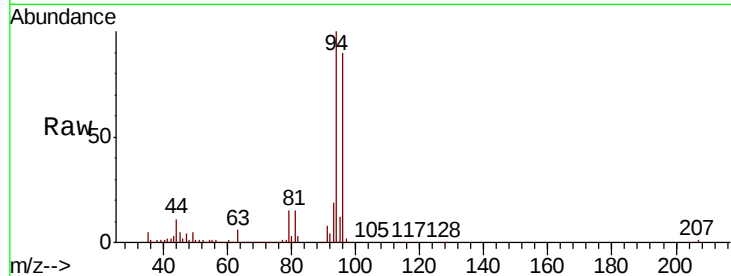
VSTDIC020

Tot Ion: 94 Resp: 22226

Ion Ratio Lower Upper

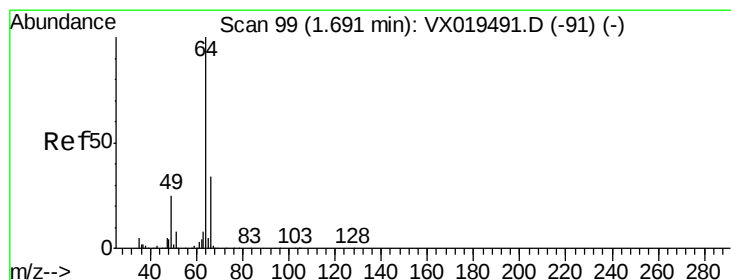
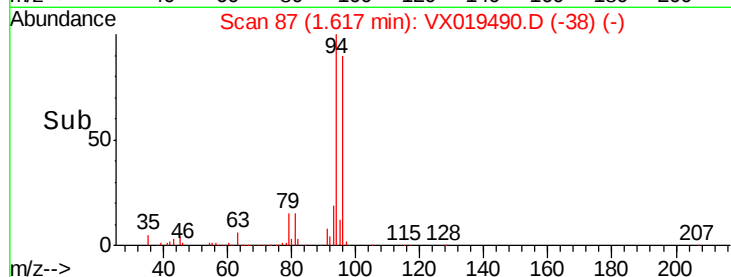
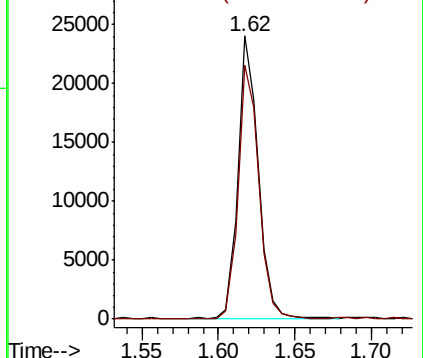
94 100

96 89.9 75.6 113.4



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 23.881 ug/l

RT: 1.70 min Scan# 100

Delta R.T. 0.01 min

Lab File: VX019490.D

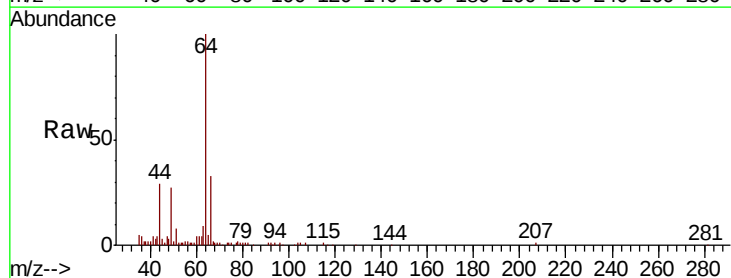
Acq: 20 Nov 2020 10:30

Tgt Ion: 64 Resp: 19797

Ion Ratio Lower Upper

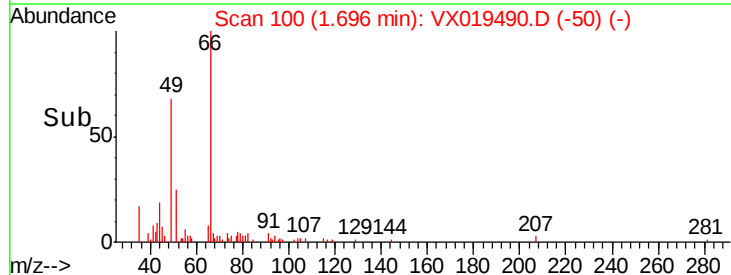
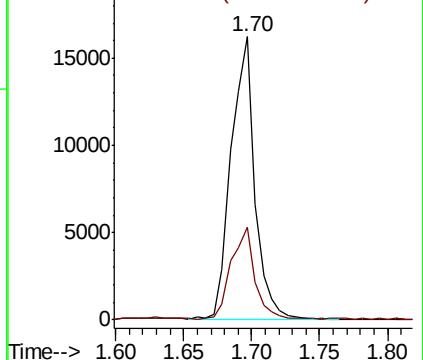
64 100

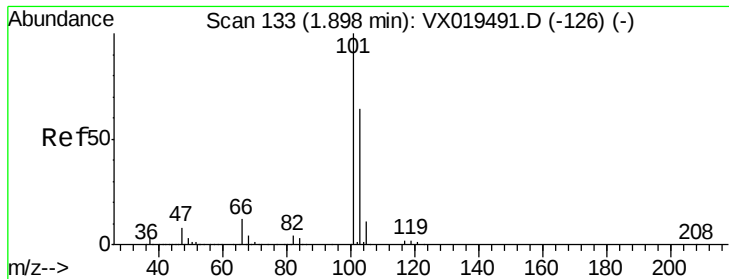
66 32.1 27.1 40.7



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



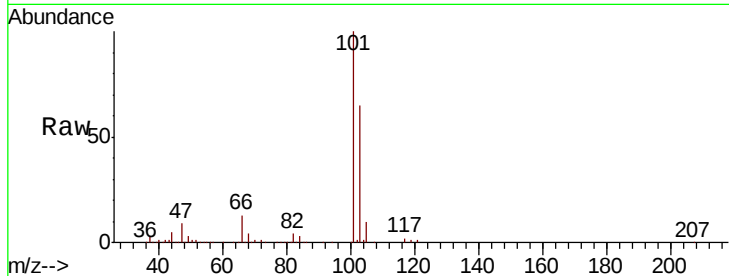


#7

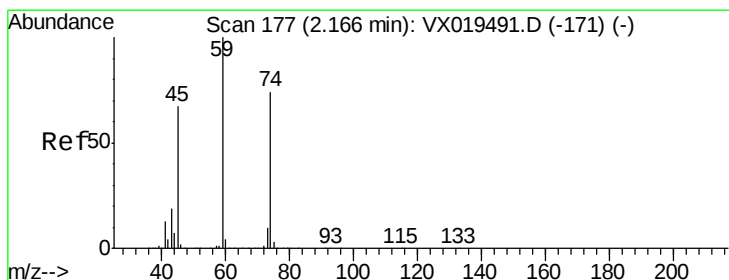
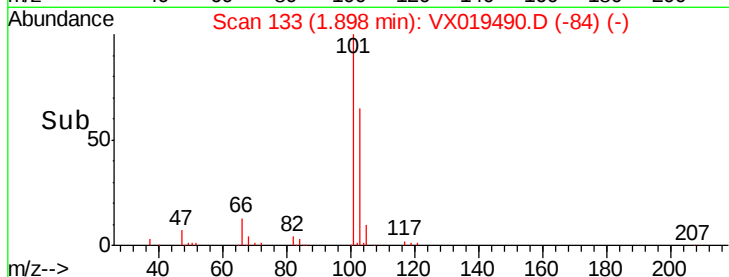
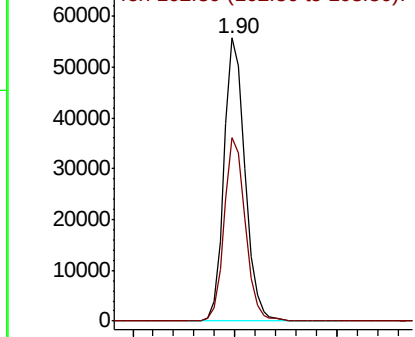
Trichlorofluoromethane
 Concen: 18.387 ug/l
 RT: 1.90 min Scan# 133
 Delta R.T. -0.00 min
 Lab File: VX019490.D
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Tot Ion:101 Resp: 79518
 Ion Ratio Lower Upper
 101 100
 103 64.8 50.9 76.3



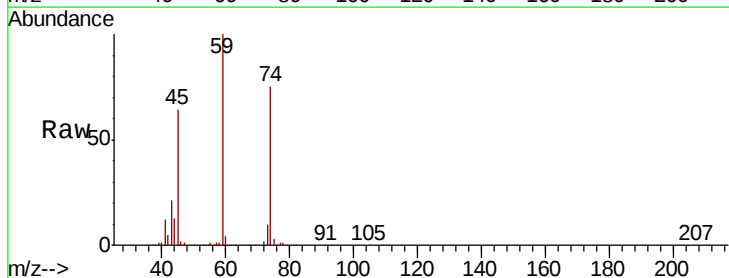
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



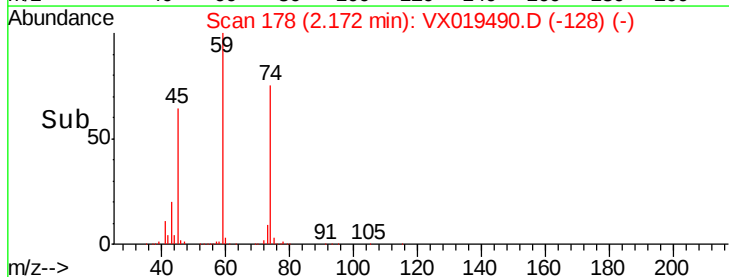
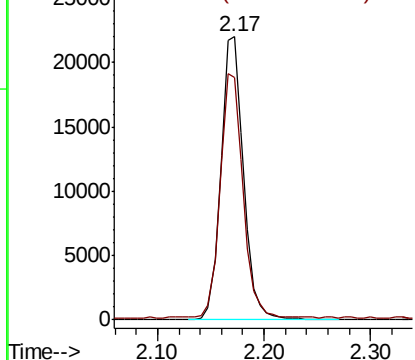
#8

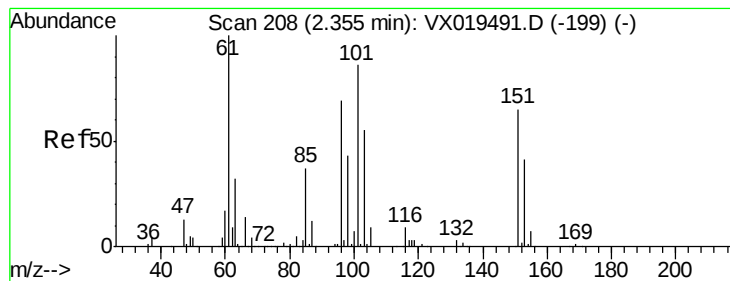
Diethyl Ether
 Concen: 18.871 ug/l
 RT: 2.17 min Scan# 178
 Delta R.T. 0.01 min
 Lab File: VX019490.D
 Acq: 20 Nov 2020 10:30

Tgt Ion: 74 Resp: 32683
 Ion Ratio Lower Upper
 74 100
 45 88.4 44.4 133.2



Abundance Ion 74.00 (73.70 to 74.70): VX0
 Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.499 ug/l

RT: 2.35 min Scan# 208

Delta R.T. -0.00 min

Lab File: VX019490.D

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VSTDIC020

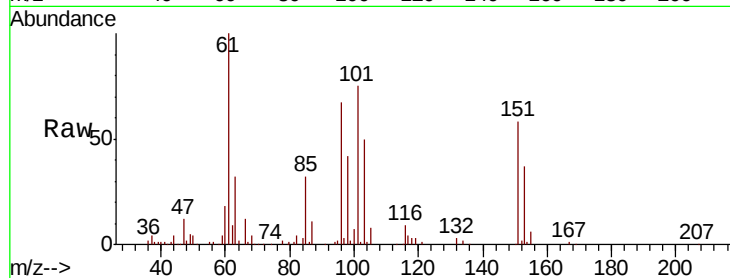
Tot Ion:101 Resp: 44631

Ion Ratio Lower Upper

101 100

85 44.2 33.9 50.9

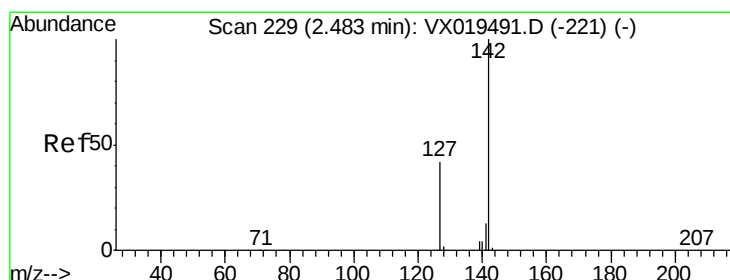
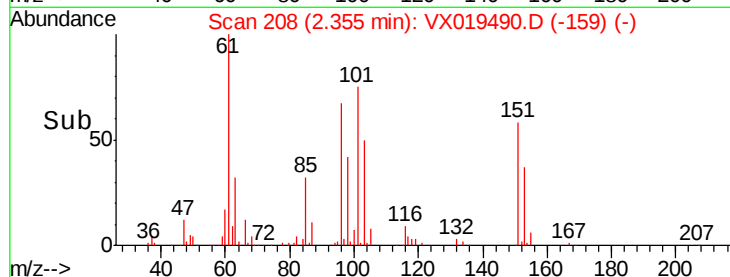
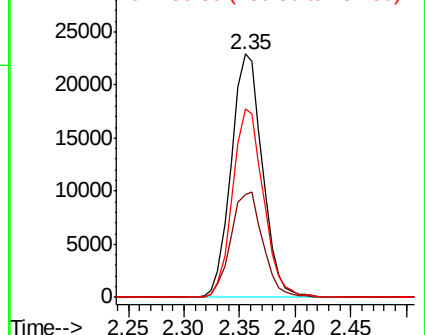
151 76.8 60.9 91.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 18.031 ug/l

RT: 2.48 min Scan# 229

Delta R.T. -0.00 min

Lab File: VX019490.D

Acq: 20 Nov 2020 10:30

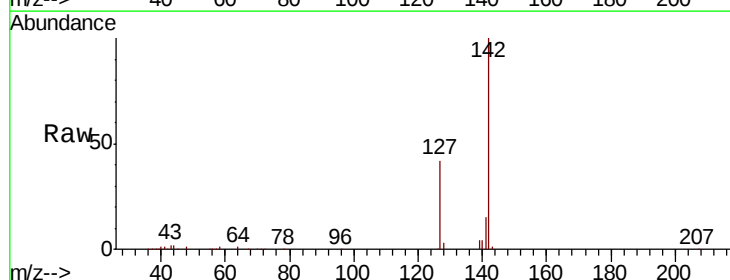
Tgt Ion:142 Resp: 57150

Ion Ratio Lower Upper

142 100

127 42.5 33.8 50.6

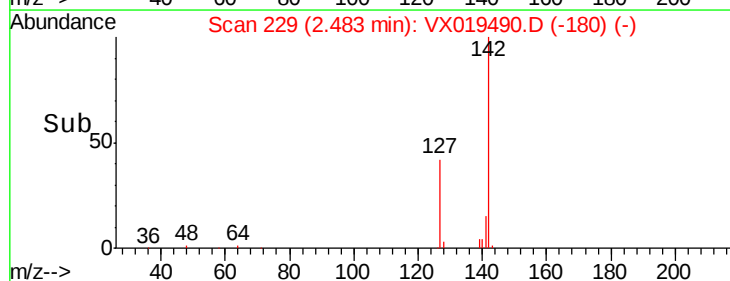
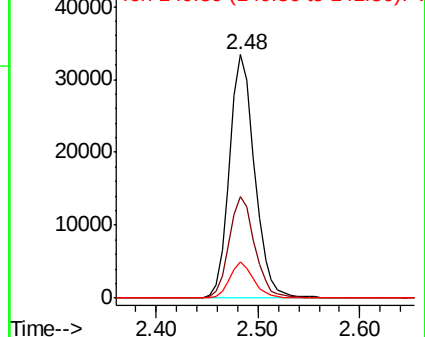
141 14.1 11.0 16.6

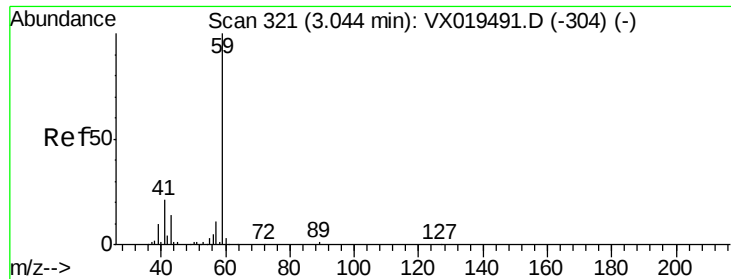


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

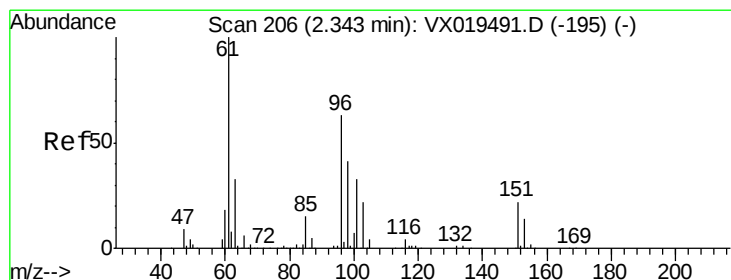
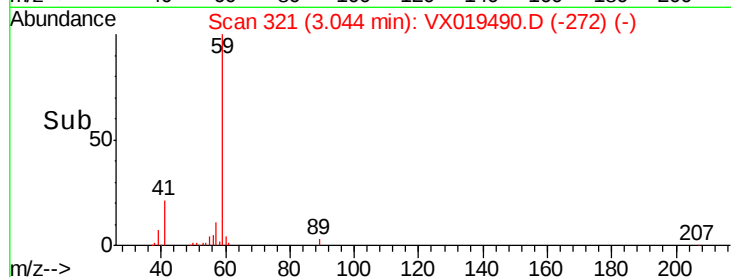
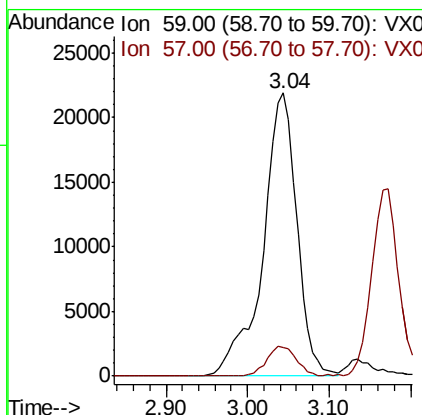
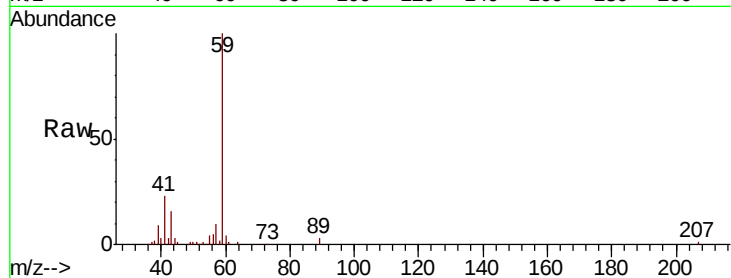




#11
Tert butyl alcohol
Concen: 103.472 ug/l
RT: 3.04 min Scan# 321
Delta R.T. -0.00 min
Lab File: VX019490.D
Acq: 20 Nov 2020 10:30

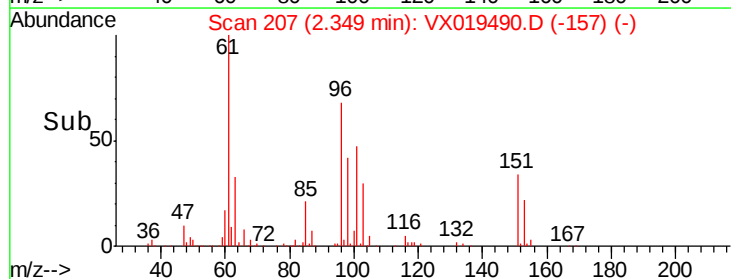
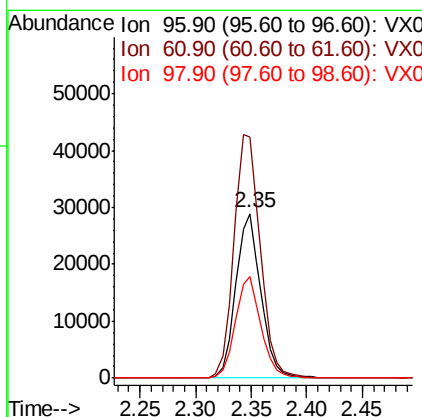
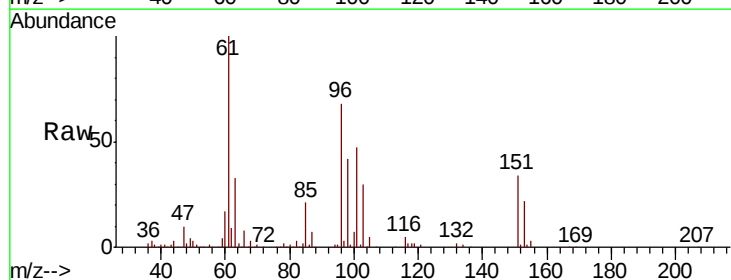
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

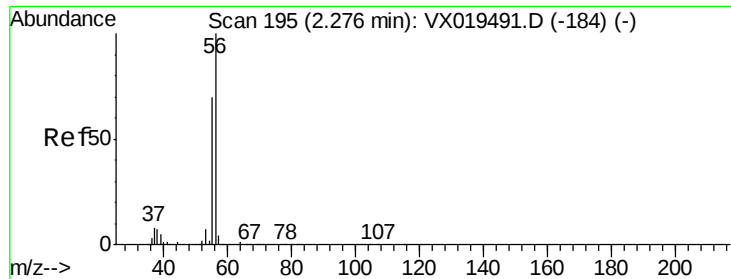
Tot Ion: 59 Resp: 63330
Ion Ratio Lower Upper
59 100
57 9.4 7.9 11.9



#12
1,1-Dichloroethene
Concen: 18.132 ug/l
RT: 2.35 min Scan# 207
Delta R.T. 0.01 min
Lab File: VX019490.D
Acq: 20 Nov 2020 10:30

Tgt Ion: 96 Resp: 44900
Ion Ratio Lower Upper
96 100
61 147.0 126.0 189.0
98 61.9 52.0 78.0





#13

Acrolein

Concen: 90.894 ug/l

RT: 2.28 min Scan# 195

Delta R.T. -0.00 min

Lab File: VX019490.D

Acq: 20 Nov 2020 10:30

Instrument :

MSVOA_X

ClientSampleId :

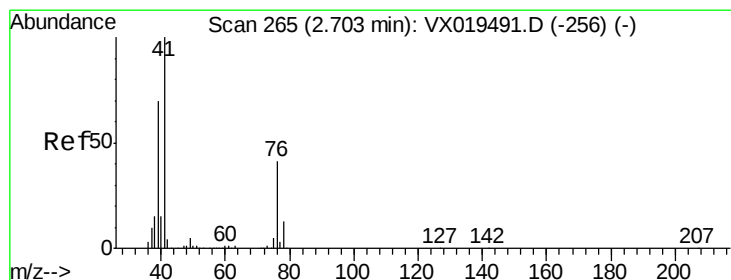
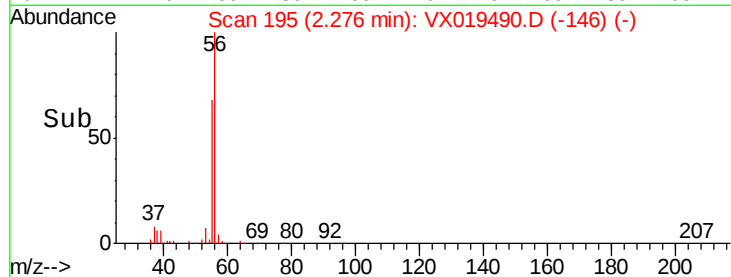
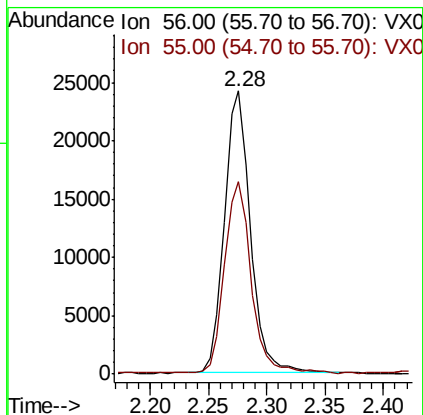
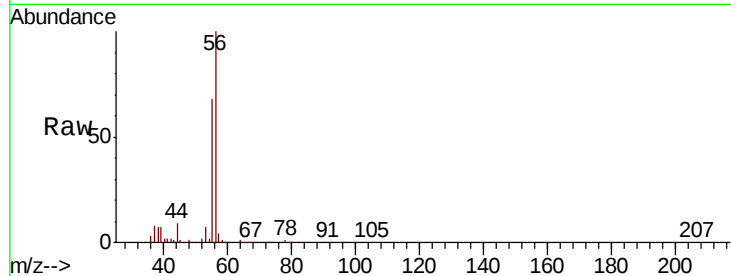
VSTDIC020

Tot Ion: 56 Resp: 37395

Ion Ratio Lower Upper

56 100

55 69.6 55.5 83.3



#14

Allyl chloride

Concen: 17.598 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.00 min

Lab File: VX019490.D

Acq: 20 Nov 2020 10:30

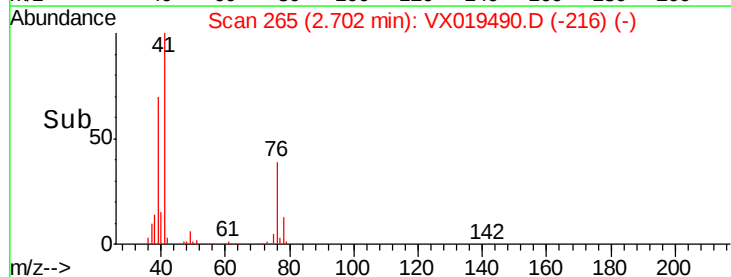
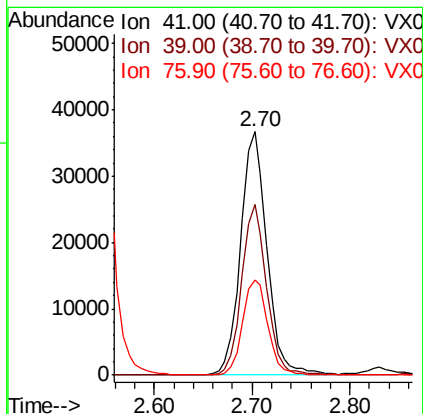
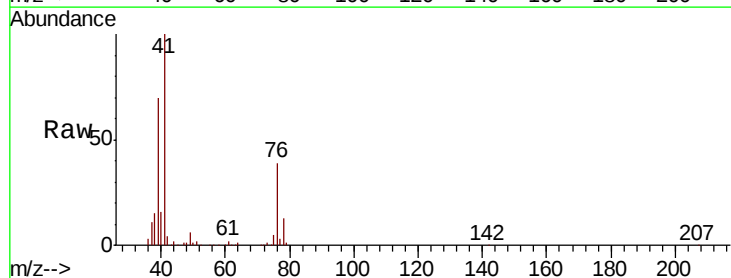
Tgt Ion: 41 Resp: 68267

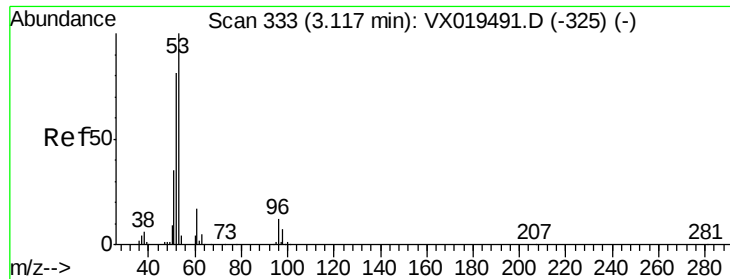
Ion Ratio Lower Upper

41 100

39 66.7 53.0 79.4

76 38.0 31.0 46.6



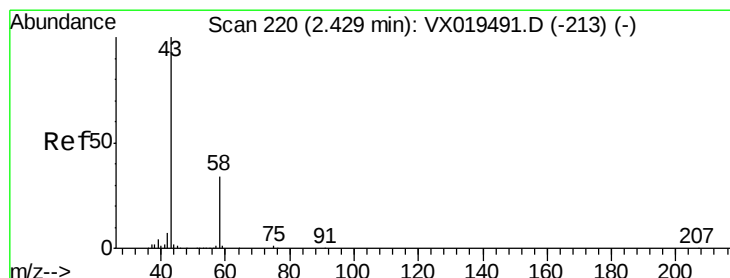
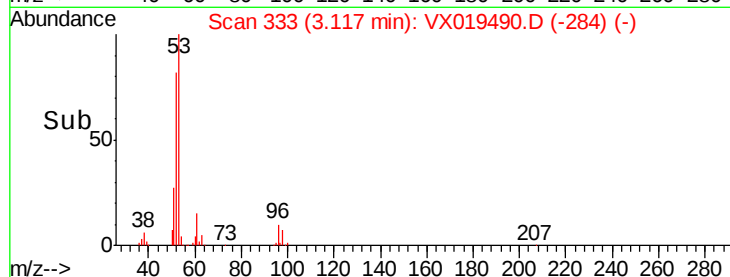
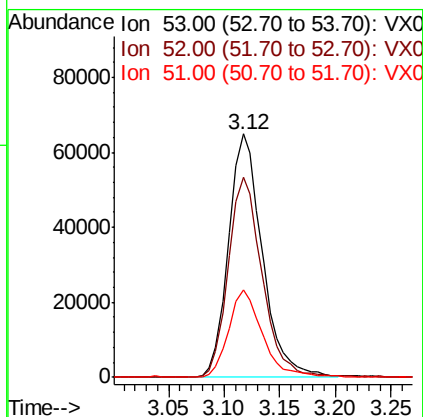
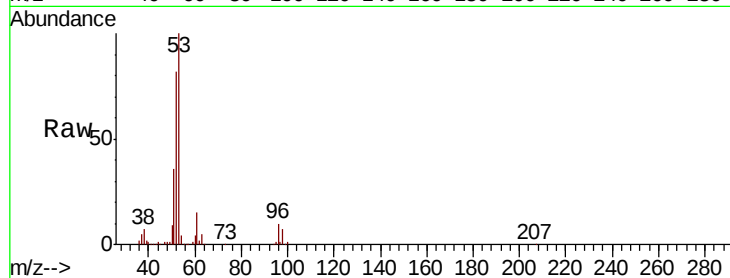


#15
 Acrylonitrile
 Concen: 94.122 ug/l
 RT: 3.12 min Scan# 333
 Delta R.T. -0.00 min
 Lab File: VX019490.D
 Acq: 20 Nov 2020 10:30

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Tot Ion: 53 Resp: 135858

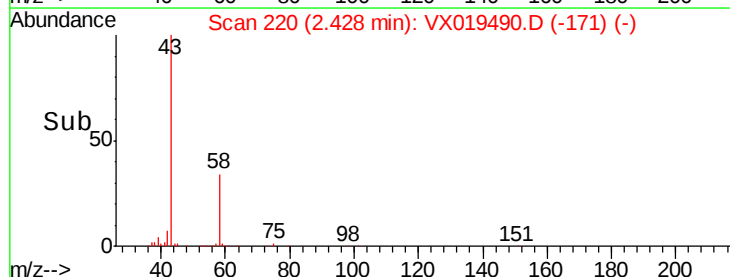
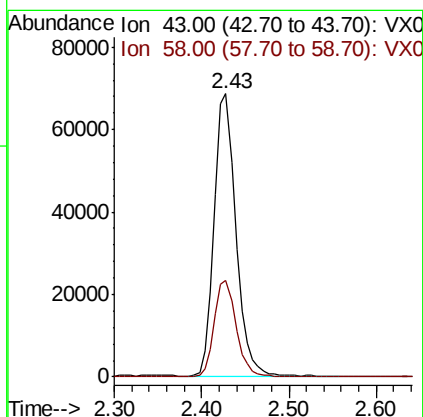
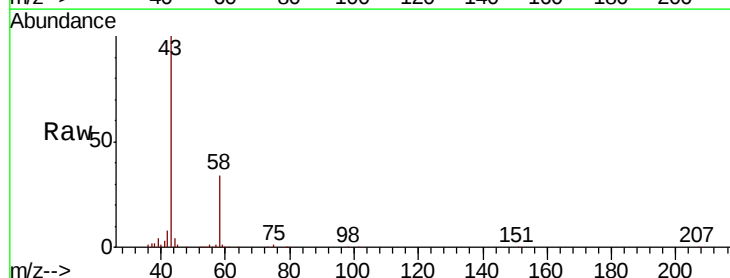
Ion	Ratio	Lower	Upper
53	100		
52	82.9	66.2	99.2
51	36.4	28.5	42.7

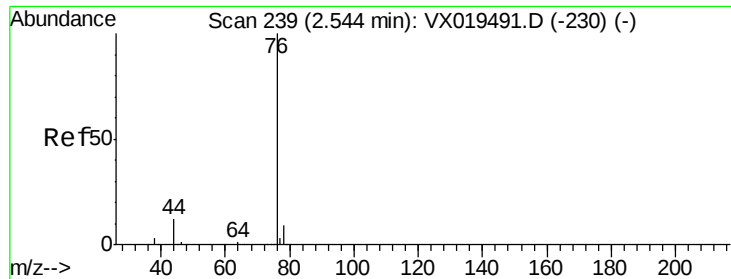


#16
 Acetone
 Concen: 94.326 ug/l
 RT: 2.43 min Scan# 220
 Delta R.T. -0.00 min
 Lab File: VX019490.D
 Acq: 20 Nov 2020 10:30

Tgt Ion: 43 Resp: 117971

Ion	Ratio	Lower	Upper
43	100		
58	34.2	27.4	41.2

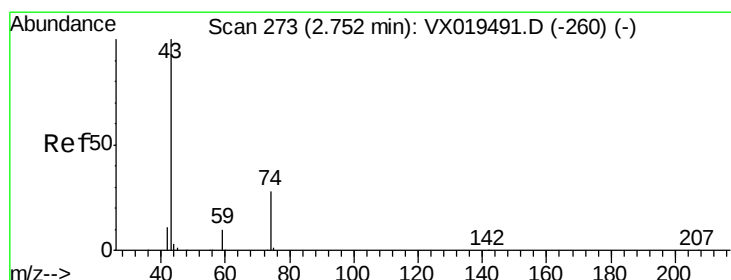
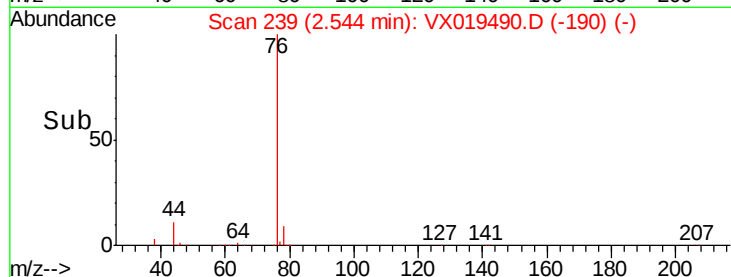
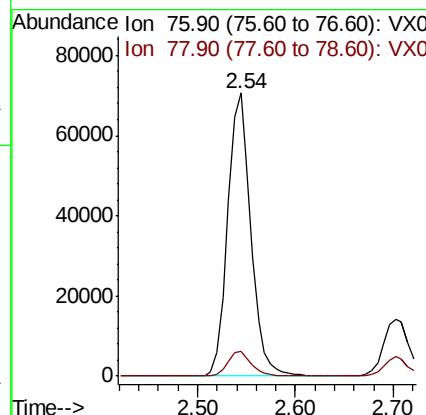
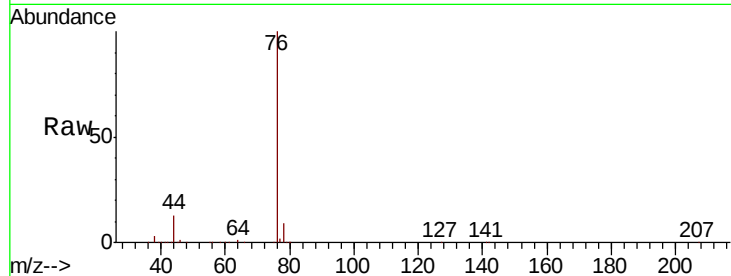




#17
Carbon Disulfide
Concen: 17.358 ug/l
RT: 2.54 min Scan# 239
Delta R.T. -0.00 min
Lab File: VX019490.D
Acq: 20 Nov 2020 10:30

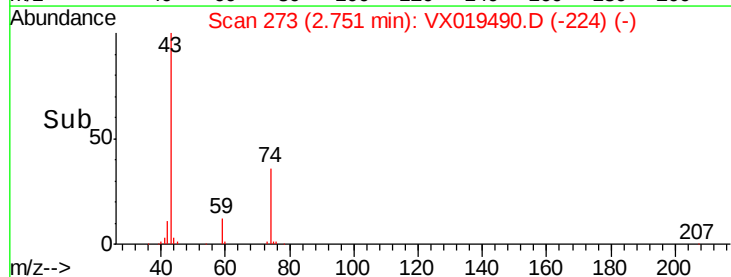
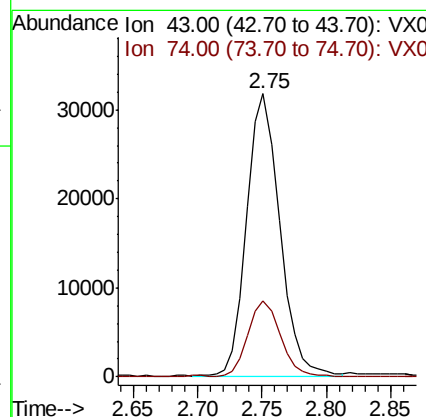
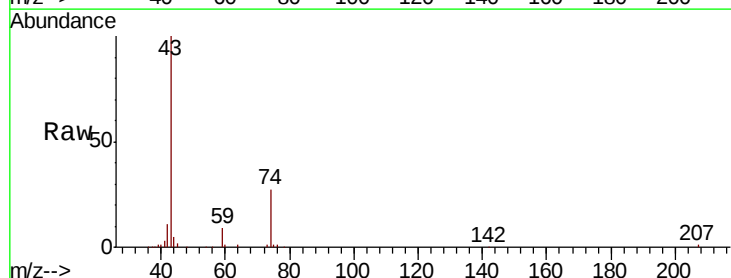
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

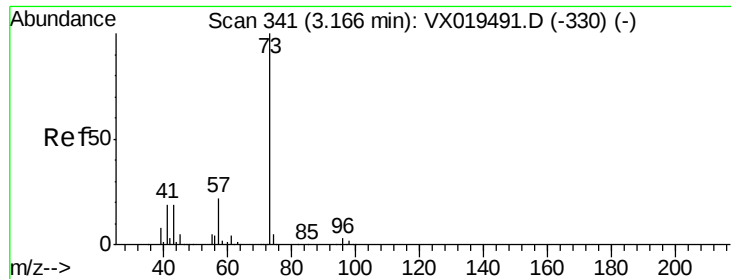
Tot Ion: 76 Resp: 115473
Ion Ratio Lower Upper
76 100
78 8.9 7.2 10.8



#18
Methyl Acetate
Concen: 17.402 ug/l
RT: 2.75 min Scan# 273
Delta R.T. -0.00 min
Lab File: VX019490.D
Acq: 20 Nov 2020 10:30

Tgt Ion: 43 Resp: 56140
Ion Ratio Lower Upper
43 100
74 26.0 22.2 33.4



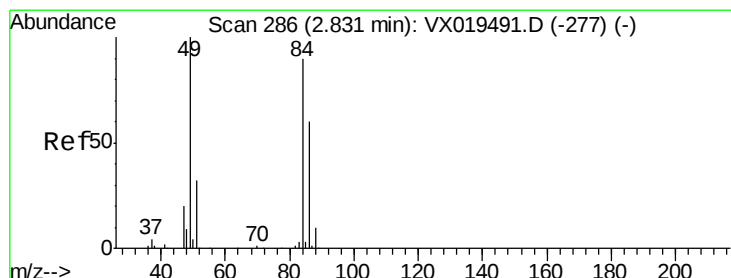
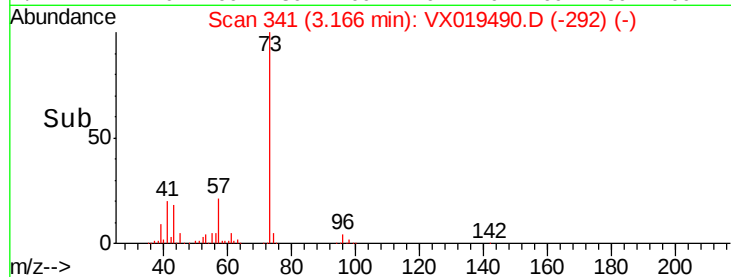
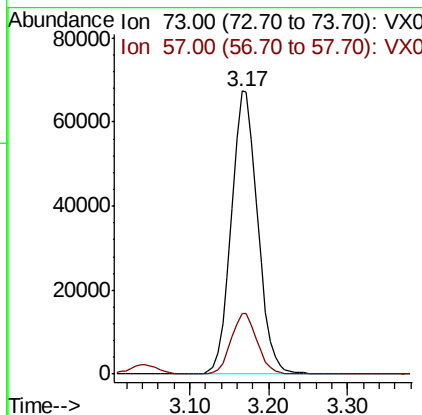
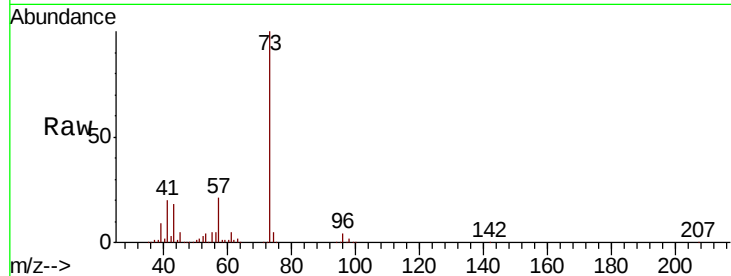


#19

Methyl tert-butyl Ether
 Concen: 18.315 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. -0.00 min
 Lab File: VX019490.D
 Acq: 20 Nov 2020 10:30

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

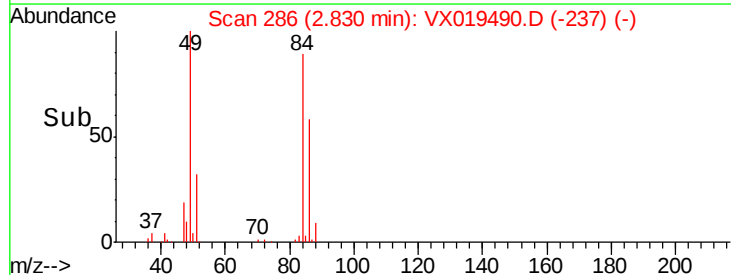
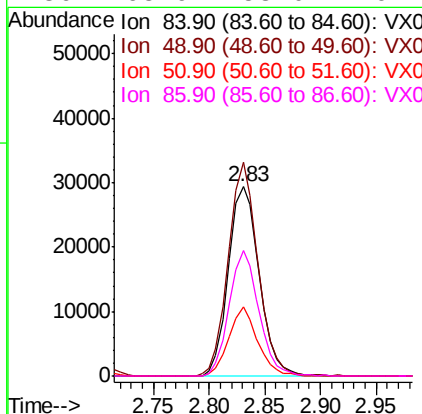
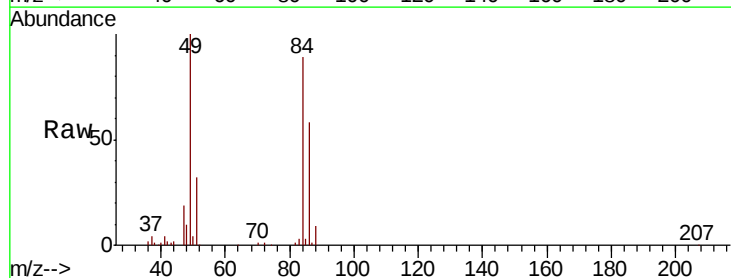
Tot Ion: 73 Resp: 156555
 Ion Ratio Lower Upper
 73 100
 57 21.3 17.3 25.9

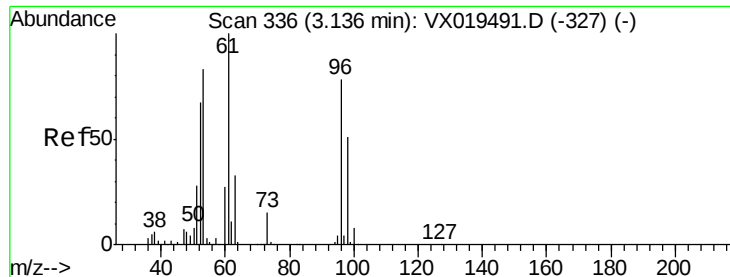


#20

Methylene Chloride
 Concen: 18.063 ug/l
 RT: 2.83 min Scan# 286
 Delta R.T. -0.00 min
 Lab File: VX019490.D
 Acq: 20 Nov 2020 10:30

Tgt Ion: 84 Resp: 56465
 Ion Ratio Lower Upper
 84 100
 49 112.8 88.5 132.7
 51 36.6 28.0 42.0
 86 65.9 53.0 79.4





#21

trans-1,2-Dichloroethene

Concen: 17.942 ug/l

RT: 3.14 min Scan# 336

Delta R.T. -0.00 min

Lab File: VX019490.D

Acq: 20 Nov 2020 10:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

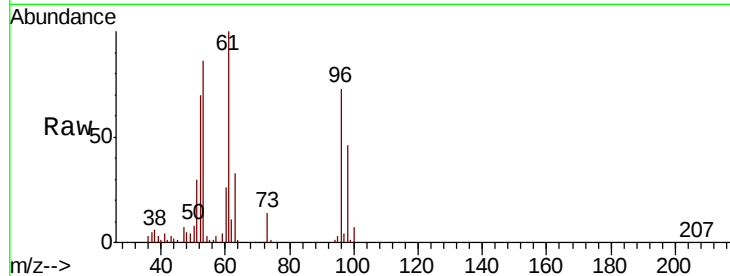
Tot Ion: 96 Resp: 50340

Ion Ratio Lower Upper

96 100

61 137.6 102.9 154.3

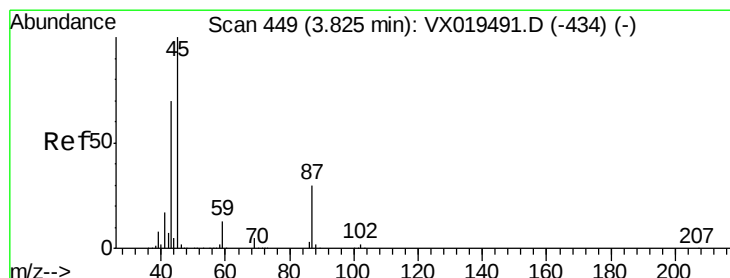
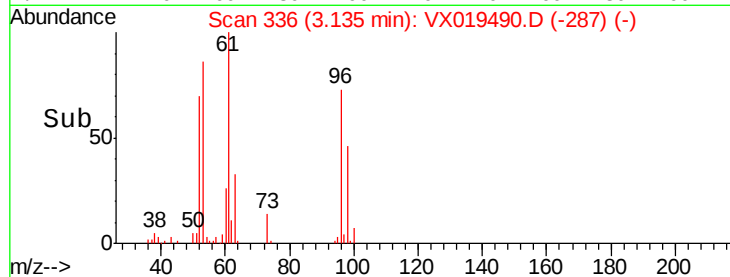
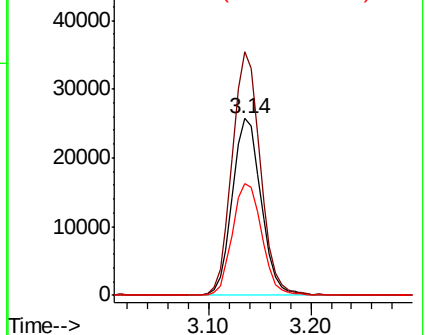
98 63.3 52.1 78.1



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 18.420 ug/l

RT: 3.82 min Scan# 449

Delta R.T. -0.00 min

Lab File: VX019490.D

Acq: 20 Nov 2020 10:30

Tgt Ion: 45 Resp: 147822

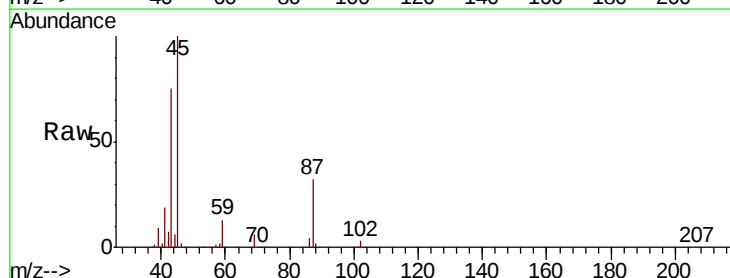
Ion Ratio Lower Upper

45 100

43 75.2 56.1 84.1

87 31.7 24.2 36.2

59 12.6 10.2 15.2

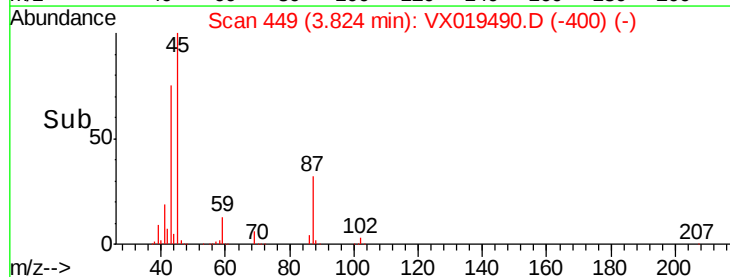
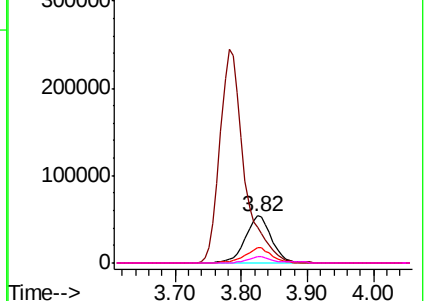


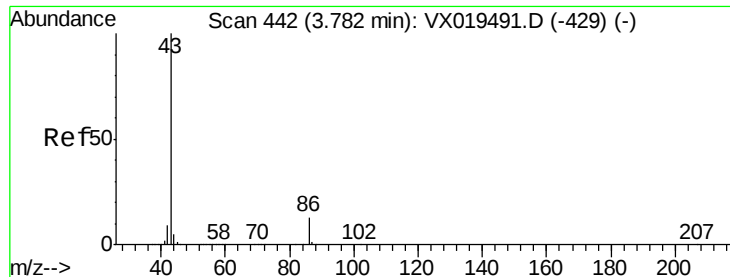
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 93.250 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.00 min

Lab File: VX019490.D

Acq: 20 Nov 2020 10:30

Instrument :

MSVOA_X

ClientSampled :

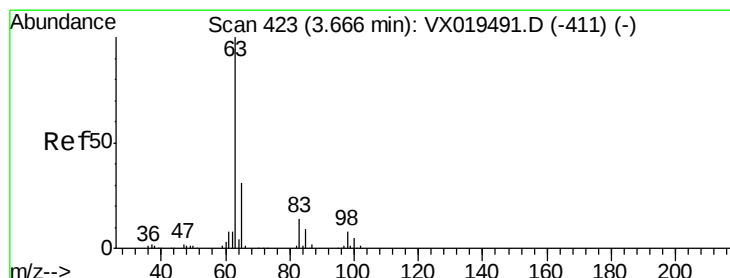
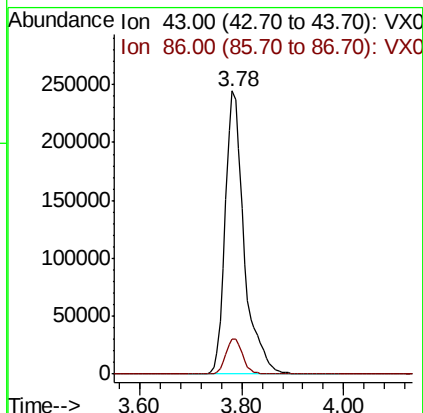
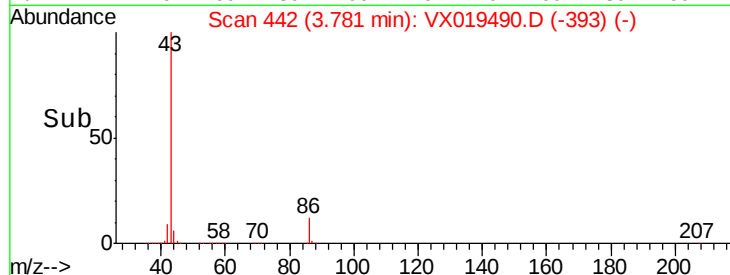
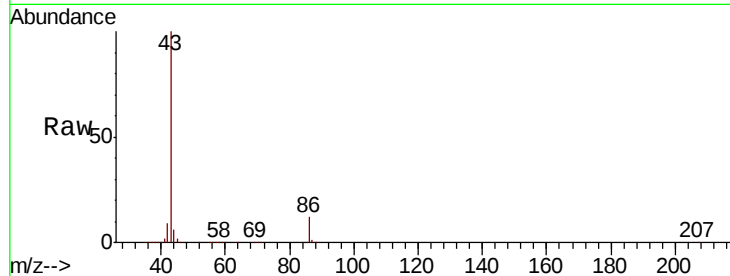
VSTDIC020

Tot Ion: 43 Resp: 627699

Ion Ratio Lower Upper

43 100

86 12.4 10.2 15.2



#24

1,1-Dichloroethane

Concen: 18.469 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX019490.D

Acq: 20 Nov 2020 10:30

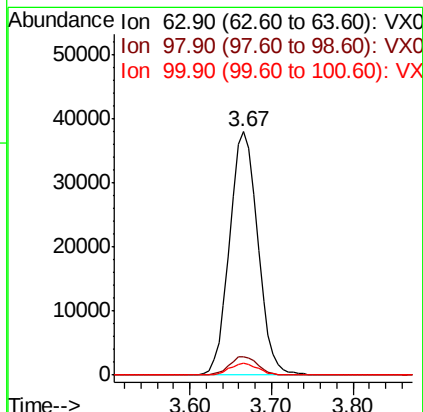
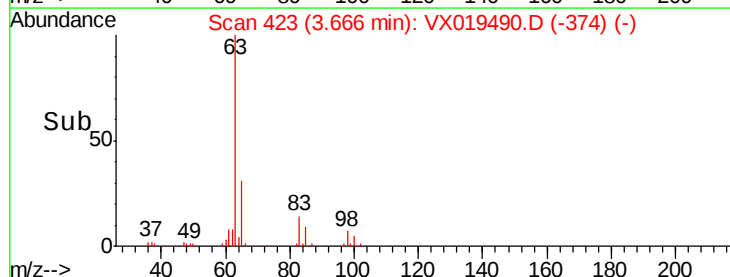
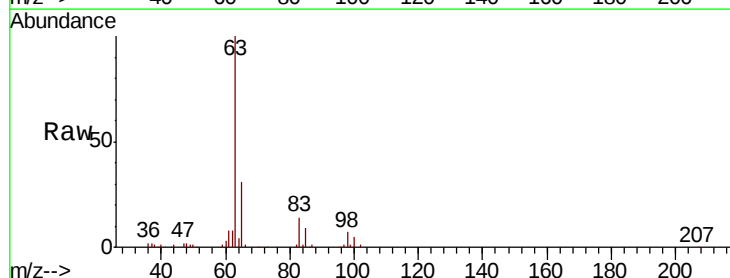
Tgt Ion: 63 Resp: 90657

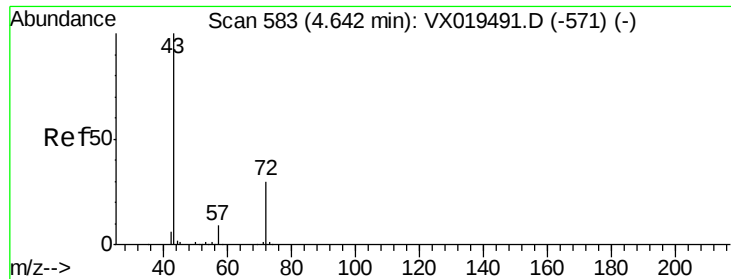
Ion Ratio Lower Upper

63 100

98 7.4 3.9 11.7

100 4.9 2.4 7.1





#25

2-Butanone

Concen: 98.185 ug/l

RT: 4.64 min Scan# 583

Delta R.T. -0.00 min

Lab File: VX019490.D

Acq: 20 Nov 2020 10:30

Instrument :

MSVOA_X

ClientSampleId :

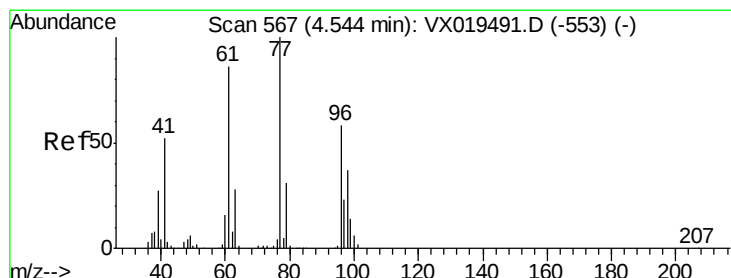
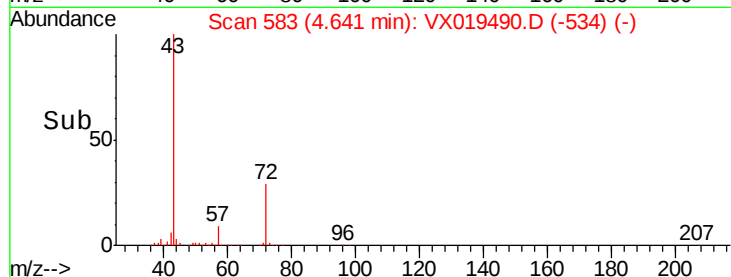
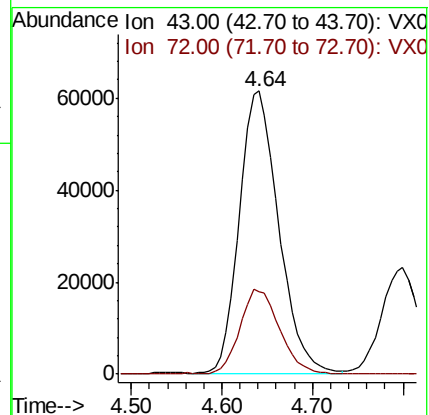
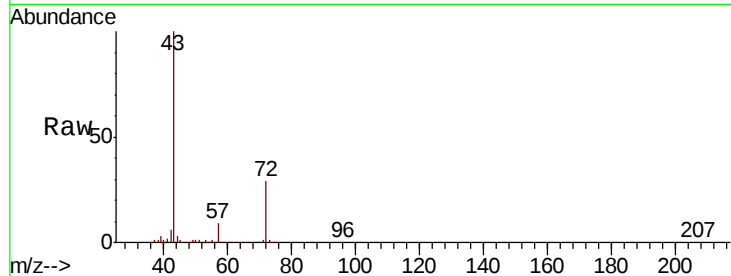
VSTDIC020

Tot Ion: 43 Resp: 184465

Ion Ratio Lower Upper

43 100

72 29.0 24.0 36.0



#26

2,2-Dichloropropane

Concen: 17.889 ug/l

RT: 4.55 min Scan# 568

Delta R.T. 0.01 min

Lab File: VX019490.D

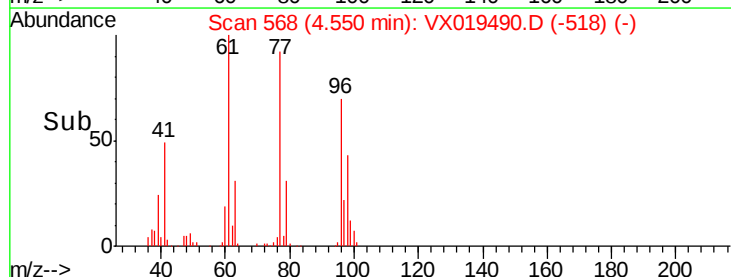
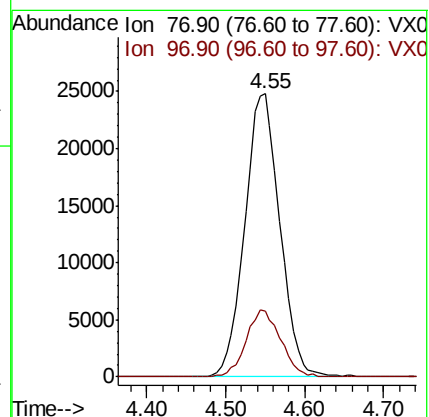
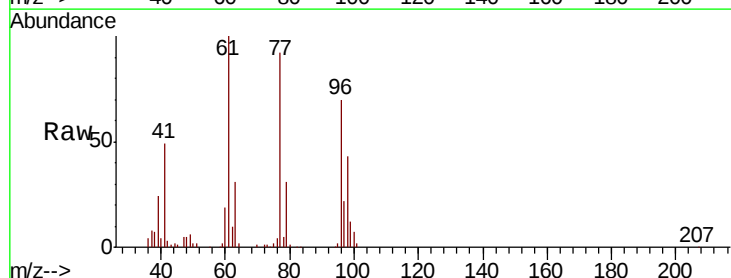
Acq: 20 Nov 2020 10:30

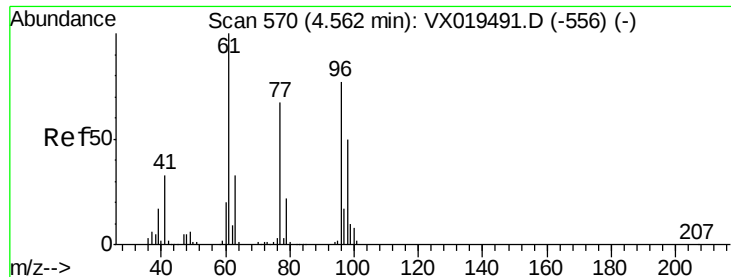
Tgt Ion: 77 Resp: 76646

Ion Ratio Lower Upper

77 100

97 23.2 11.6 34.8





#27

cis-1,2-Dichloroethene

Concen: 18.418 ug/l

RT: 4.56 min Scan# 569

Delta R.T. -0.01 min

Lab File: VX019490.D

Acq: 20 Nov 2020 10:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

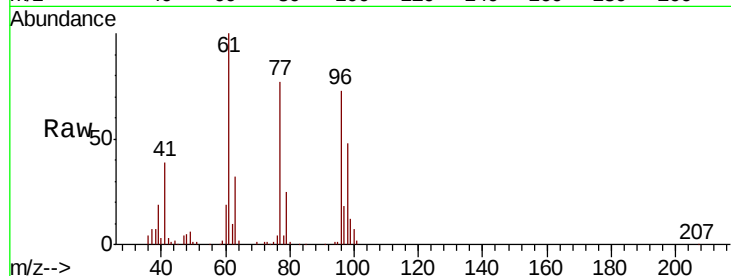
Tot Ion: 96 Resp: 59359

Ion Ratio Lower Upper

96 100

61 142.6 0.0 279.2

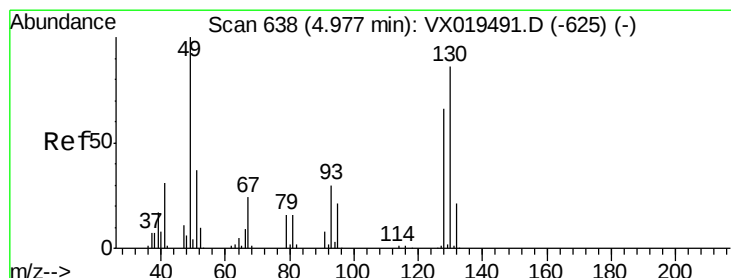
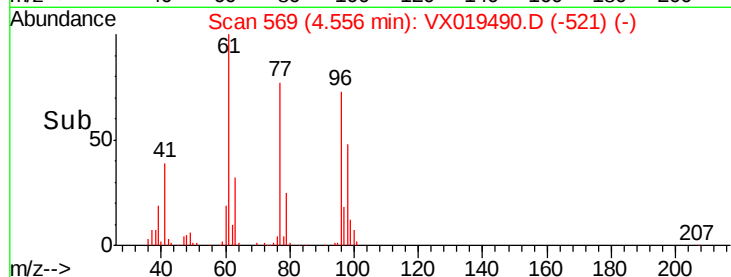
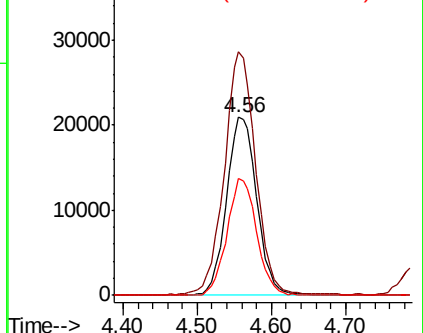
98 64.4 0.0 129.8



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: 18.502 ug/l

RT: 4.98 min Scan# 638

Delta R.T. -0.00 min

Lab File: VX019490.D

Acq: 20 Nov 2020 10:30

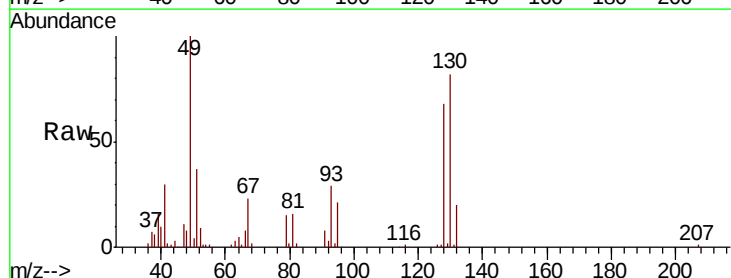
Tgt Ion: 49 Resp: 43421

Ion Ratio Lower Upper

49 100

129 2.3 0.0 4.2

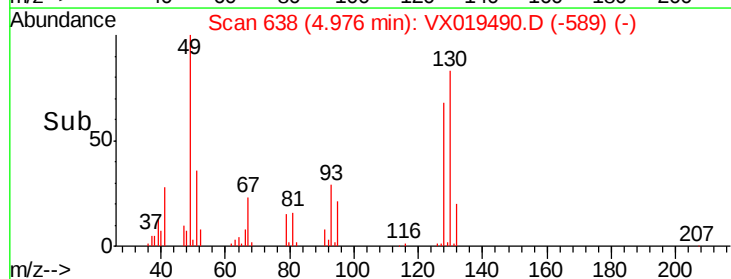
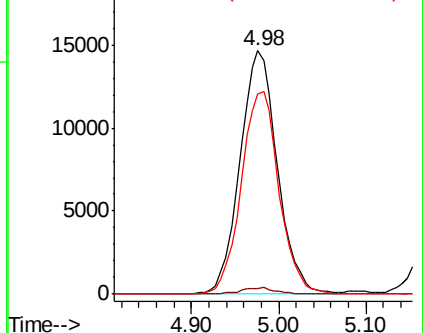
130 84.0 69.0 103.6

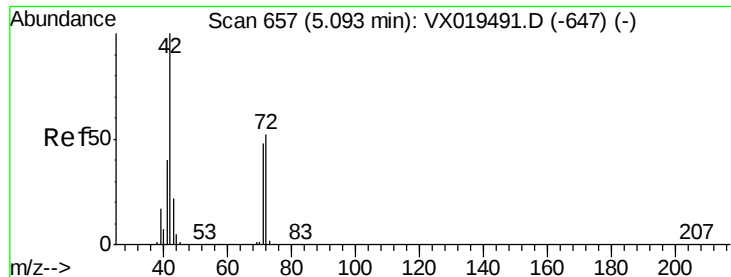


Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

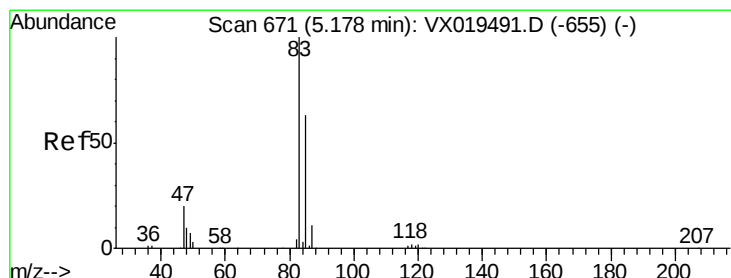
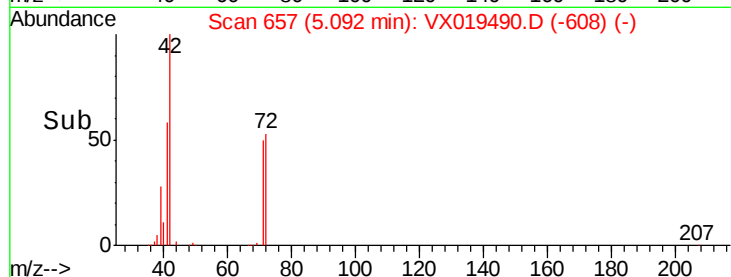
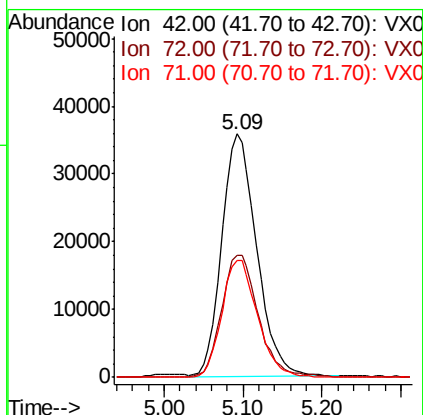
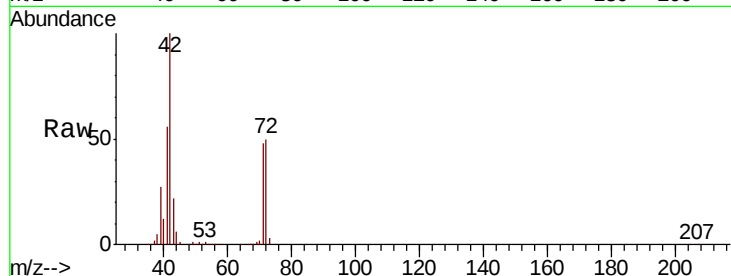




#29
Tetrahydrofuran
Concen: 91.871 ug/l
RT: 5.09 min Scan# 657
Delta R.T. -0.00 min
Lab File: VX019490.D
Acq: 20 Nov 2020 10:30

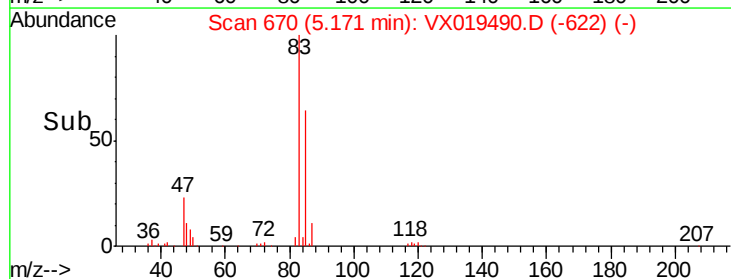
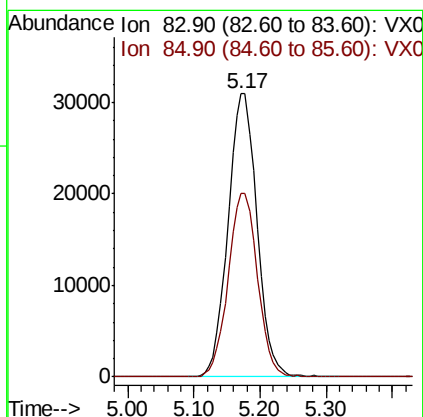
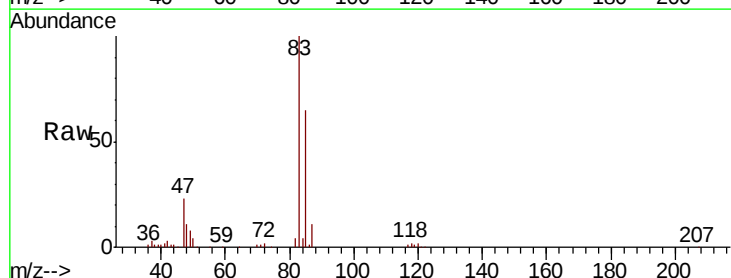
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

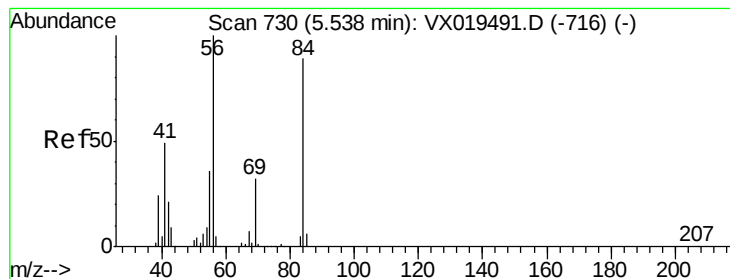
Tot Ion: 42 Resp: 110128
Ion Ratio Lower Upper
42 100
72 53.2 42.6 63.8
71 49.2 39.0 58.6



#30
Chloroform
Concen: 18.299 ug/l
RT: 5.17 min Scan# 670
Delta R.T. -0.01 min
Lab File: VX019490.D
Acq: 20 Nov 2020 10:30

Tgt Ion: 83 Resp: 93922
Ion Ratio Lower Upper
83 100
85 64.9 50.5 75.7





#31

Cvclohexane

Concen: 17.897 ug/l

RT: 5.54 min Scan# 731

Delta R.T. 0.01 min

Lab File: VX019490.D

Acq: 20 Nov 2020 10:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

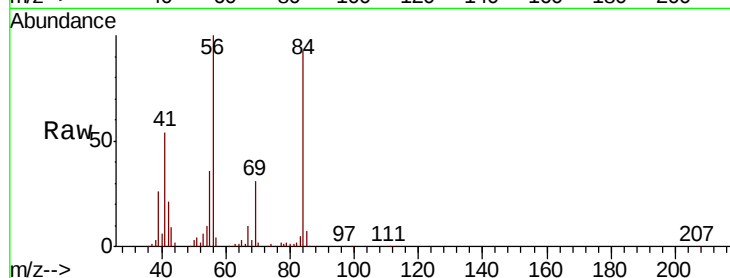
Tot Ion: 56 Resp: 75281

Ion Ratio Lower Upper

56 100

69 31.1 25.5 38.3

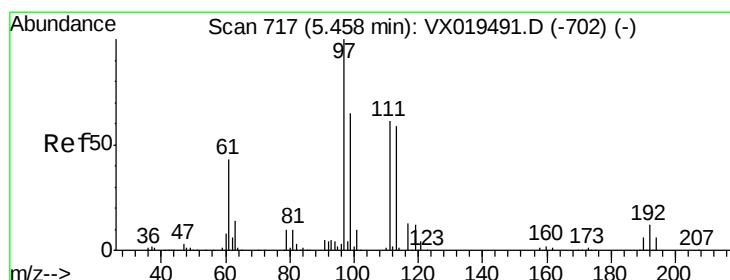
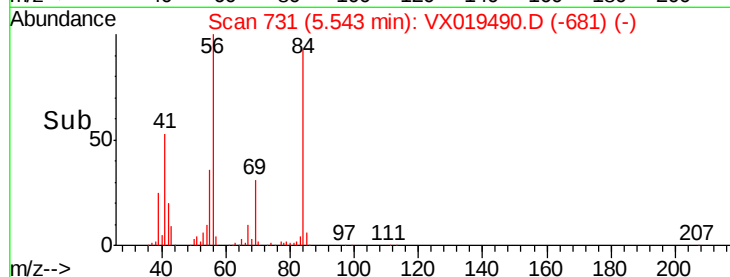
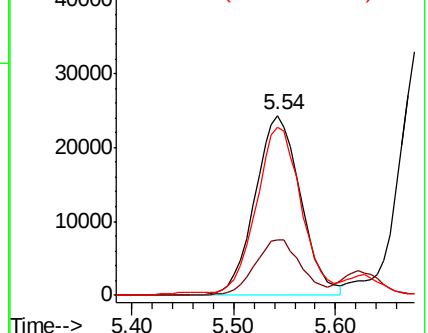
84 91.3 71.1 106.7



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 18.591 ug/l

RT: 5.46 min Scan# 717

Delta R.T. -0.00 min

Lab File: VX019490.D

Acq: 20 Nov 2020 10:30

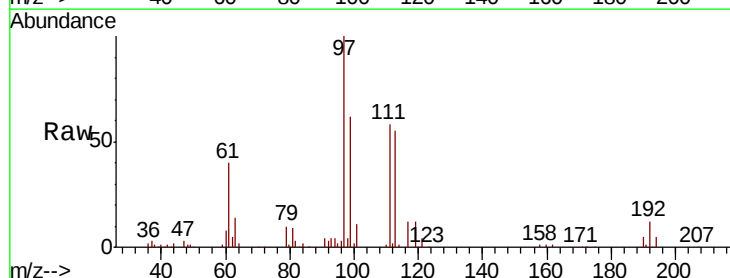
Tgt Ion: 97 Resp: 81965

Ion Ratio Lower Upper

97 100

99 63.7 51.4 77.0

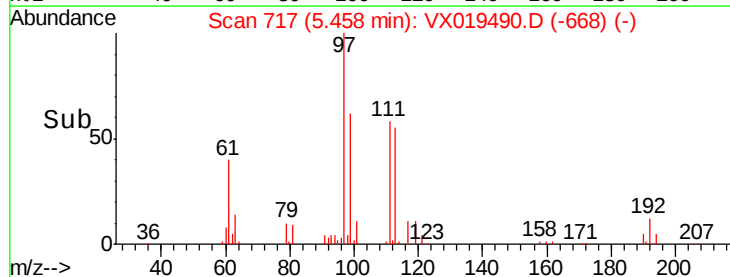
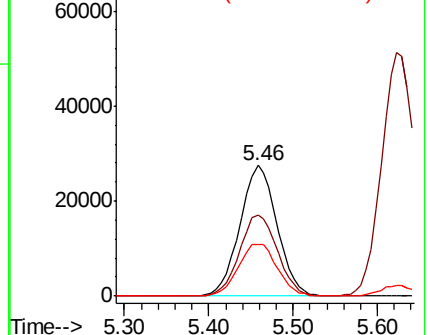
61 42.1 34.2 51.2

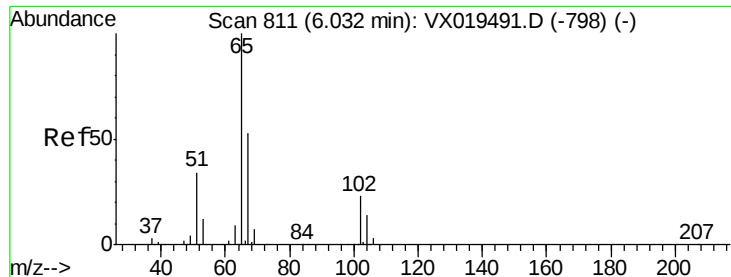


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 17.580 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX019490.D

Acq: 20 Nov 2020 10:30

Instrument :

MSVOA_X

ClientSampleId :

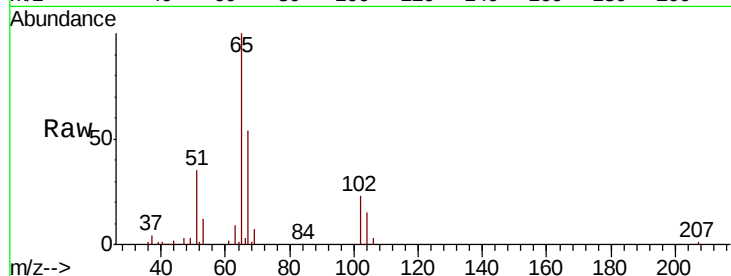
VSTDIC020

Tot Ion: 65 Resp: 56854

Ion Ratio Lower Upper

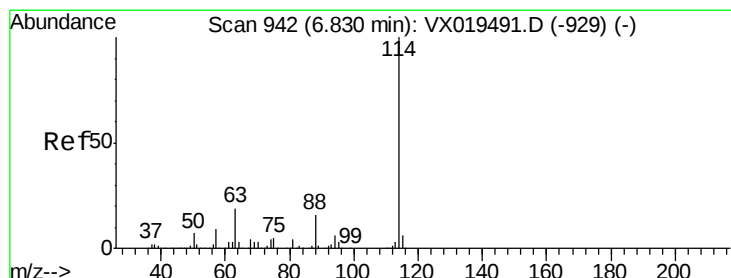
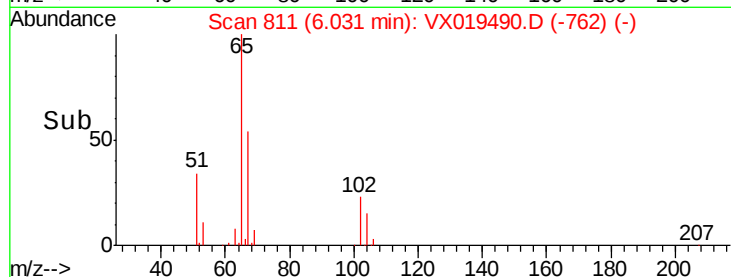
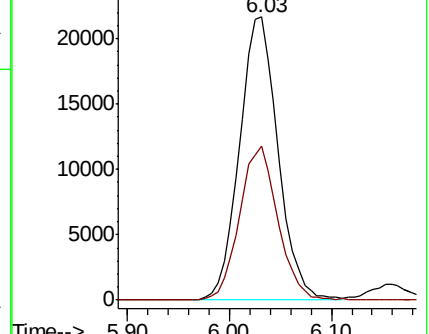
65 100

67 54.1 0.0 105.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX019490.D

Acq: 20 Nov 2020 10:30

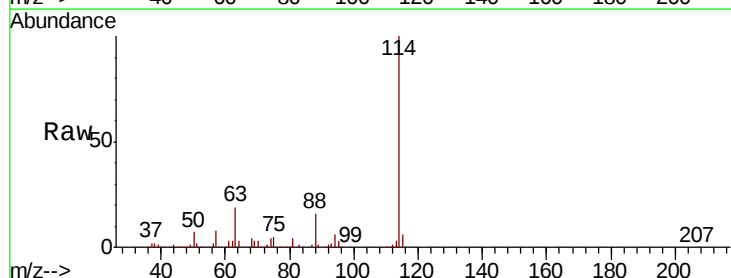
Tgt Ion: 114 Resp: 414135

Ion Ratio Lower Upper

114 100

63 19.4 0.0 38.8

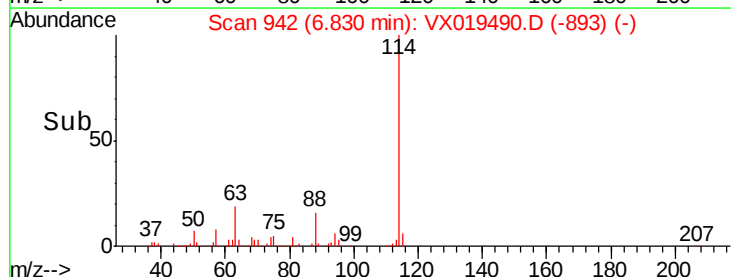
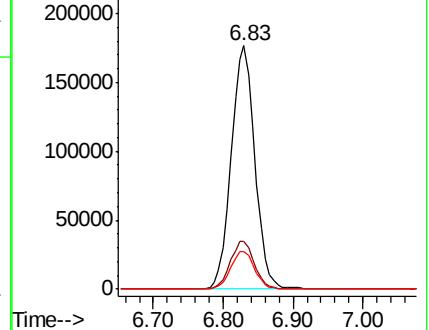
88 15.6 0.0 31.6

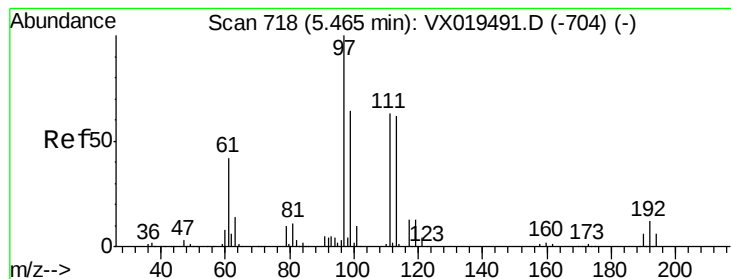


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 17.346 ug/l

RT: 5.46 min Scan# 717

Delta R.T. -0.01 min

Lab File: VX019490.D

Acq: 20 Nov 2020 10:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

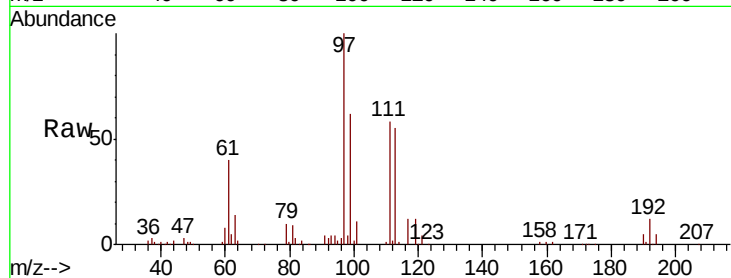
Tot Ion:113 Resp: 45092

Ion Ratio Lower Upper

113 100

111 103.4 81.5 122.3

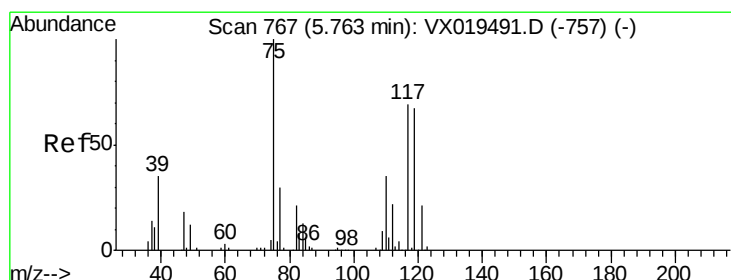
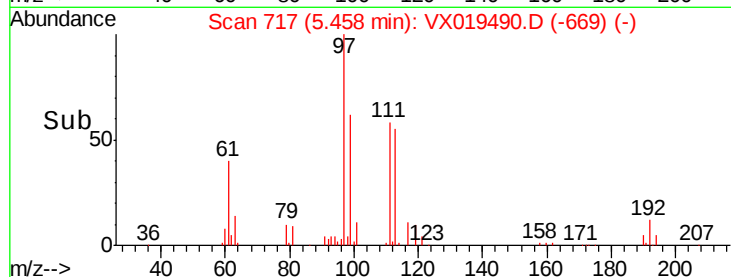
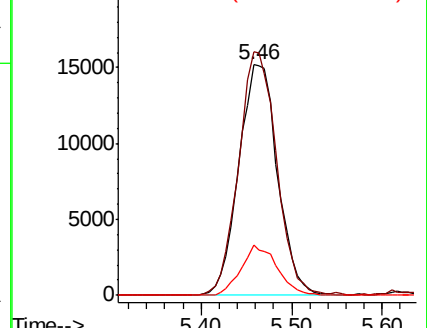
192 20.1 16.2 24.2



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 17.381 ug/l

RT: 5.76 min Scan# 767

Delta R.T. -0.00 min

Lab File: VX019490.D

Acq: 20 Nov 2020 10:30

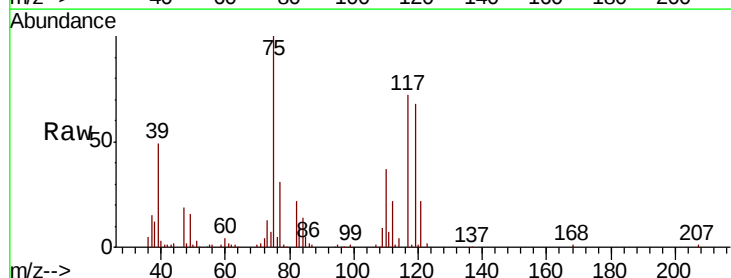
Tgt Ion: 75 Resp: 67484

Ion Ratio Lower Upper

75 100

110 37.4 18.1 54.3

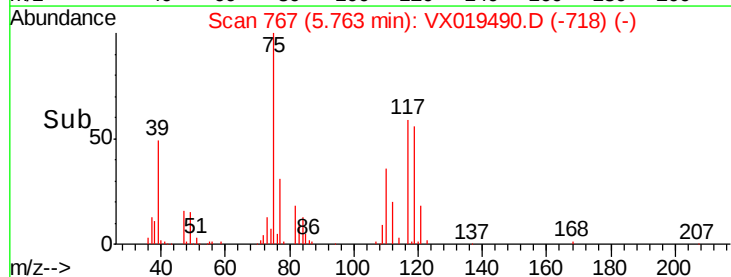
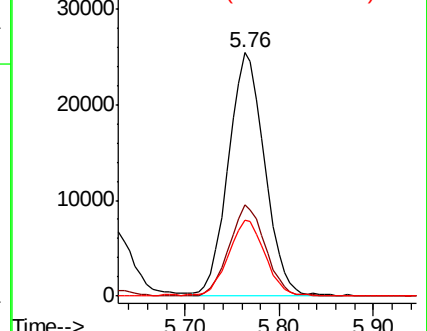
77 31.9 24.2 36.4

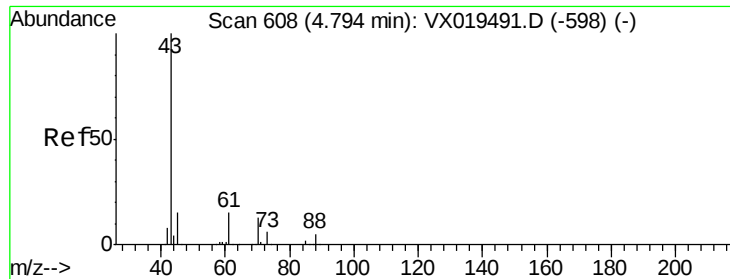


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

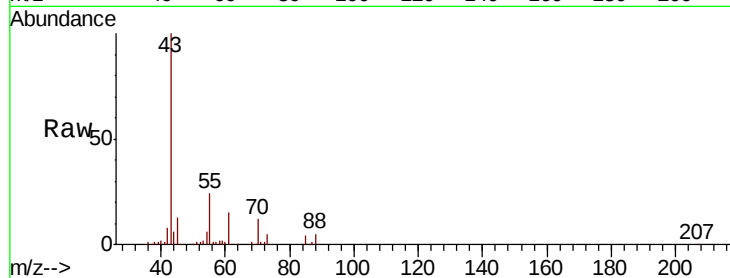




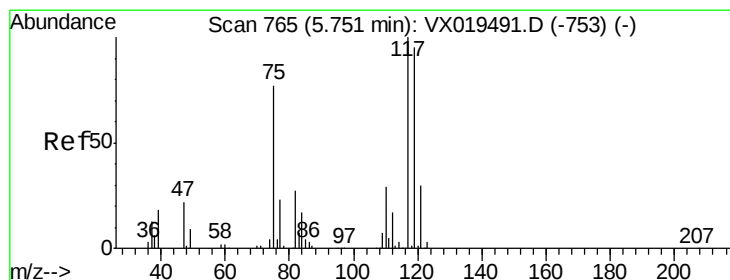
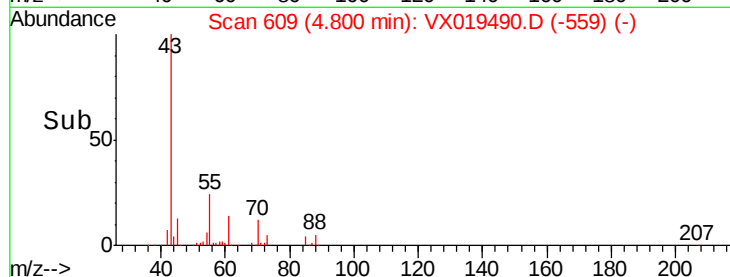
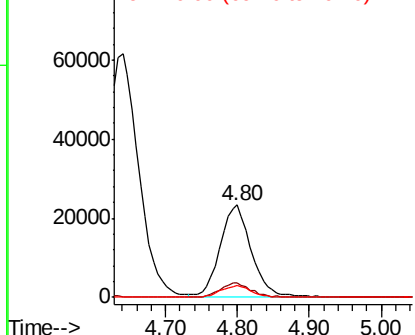
#37
Ethyl Acetate
Concen: 18.989 ug/l
RT: 4.80 min Scan# 609
Delta R.T. 0.01 min
Lab File: VX019490.D
Acq: 20 Nov 2020 10:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion: 43 Resp: 69212
Ion Ratio Lower Upper
43 100
61 16.0 12.7 19.1
70 13.0 10.2 15.2

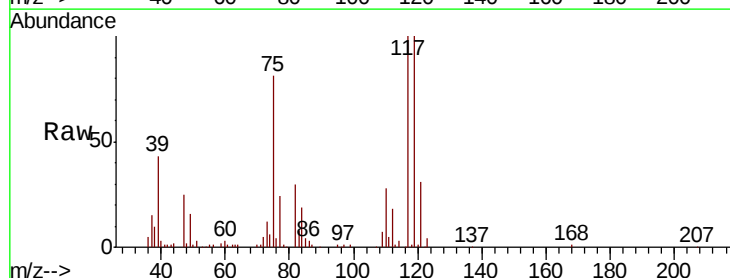


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

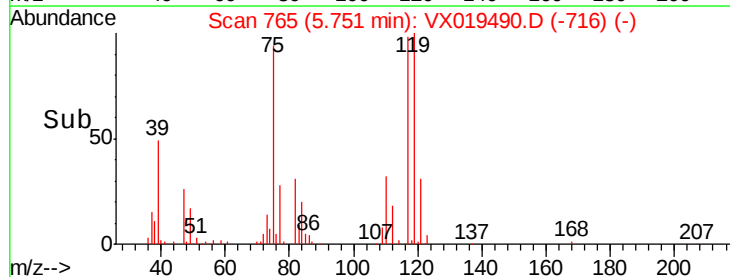
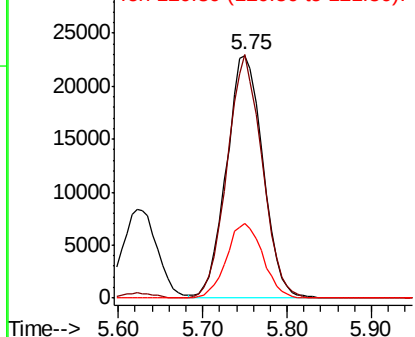


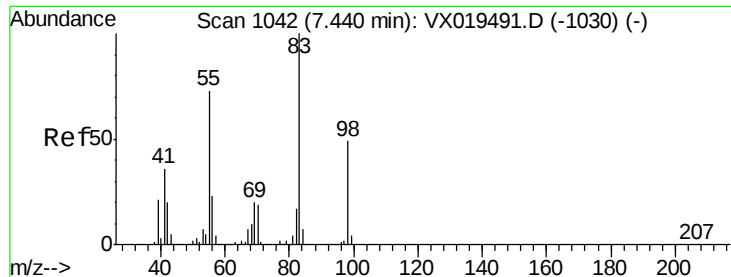
#38
Carbon Tetrachloride
Concen: 17.899 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.00 min
Lab File: VX019490.D
Acq: 20 Nov 2020 10:30

Tgt Ion: 117 Resp: 67266
Ion Ratio Lower Upper
117 100
119 100.2 75.9 113.9
121 30.9 24.0 36.0



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

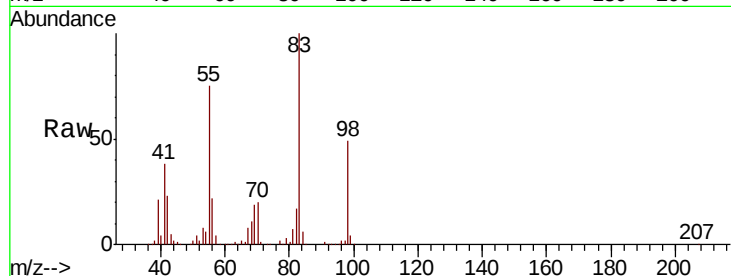




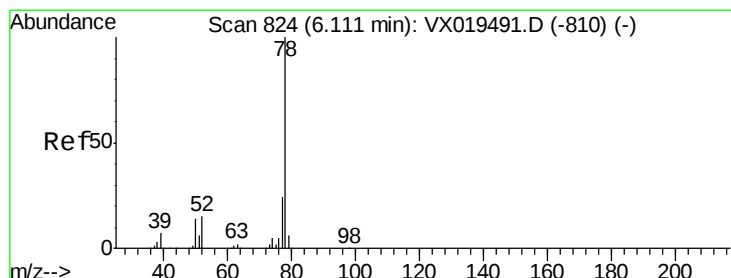
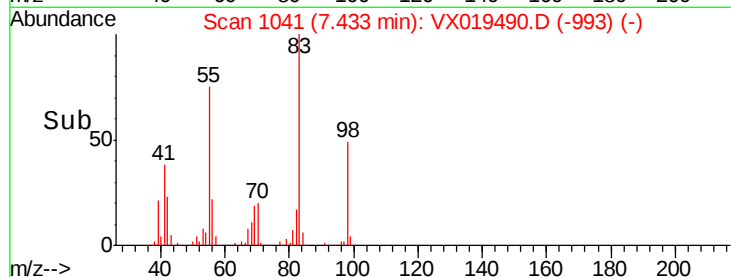
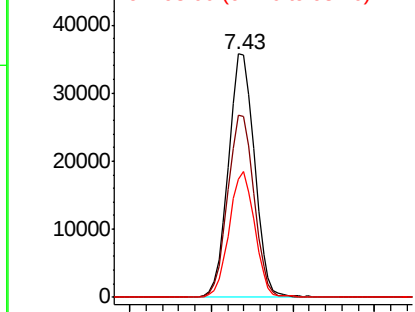
#39
Methvlcvclohexane
Concen: 17.437 ug/l
RT: 7.43 min Scan# 1041
Delta R.T. -0.01 min
Lab File: VX019490.D
Acq: 20 Nov 2020 10:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion: 83 Resp: 78825
Ion Ratio Lower Upper
83 100
55 75.1 58.3 87.5
98 48.6 38.9 58.3

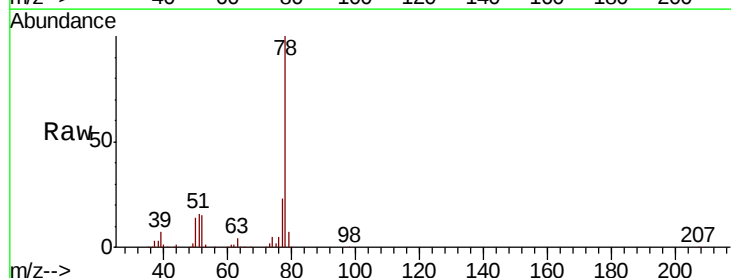


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

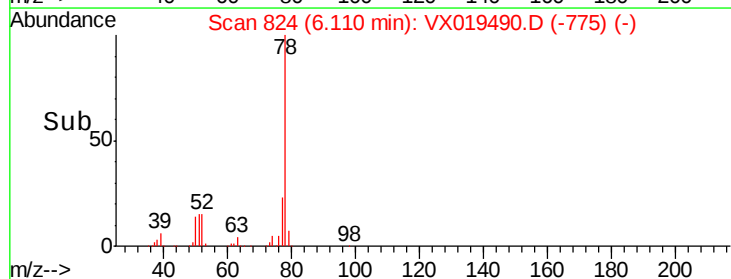
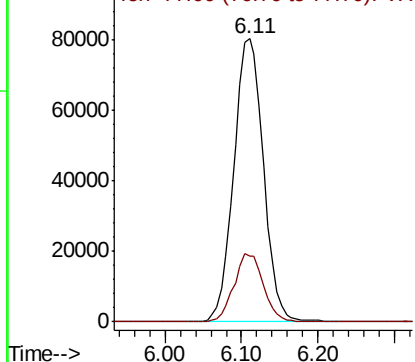


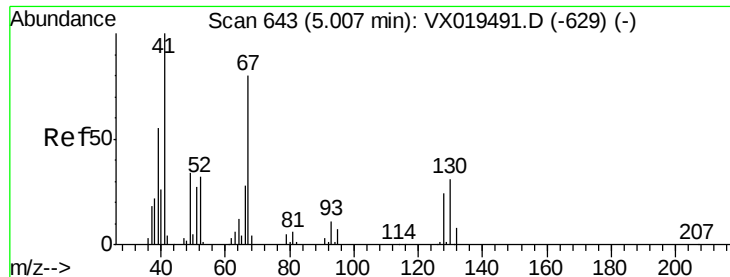
#40
Benzene
Concen: 18.061 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.00 min
Lab File: VX019490.D
Acq: 20 Nov 2020 10:30

Tgt Ion: 78 Resp: 215455
Ion Ratio Lower Upper
78 100
77 23.4 18.9 28.3



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

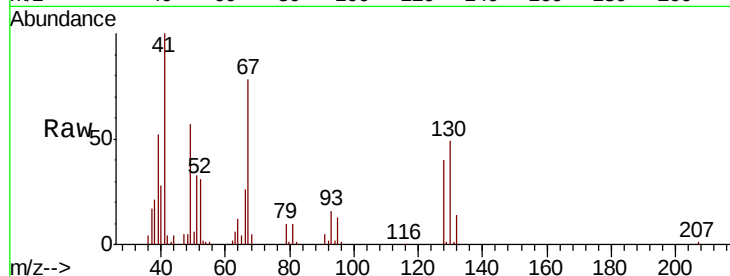




#41
Methacrylonitrile
Concen: 18.594 ug/l
RT: 5.00 min Scan# 642
Delta R.T. -0.01 min
Lab File: VX019490.D
Acq: 20 Nov 2020 10:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion:	41	Resp:	37373
Ion	Ratio	Lower	Upper
41	100		
39	55.5	43.3	64.9
67	81.2	66.0	99.0
52	33.4	25.4	38.2



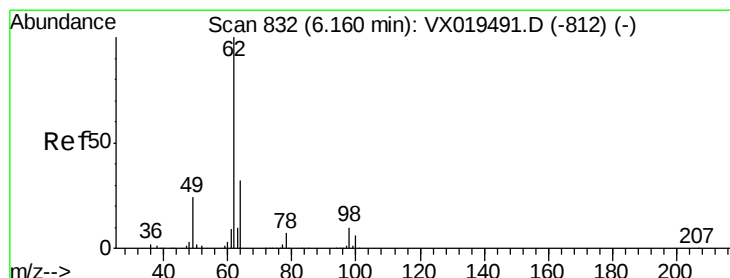
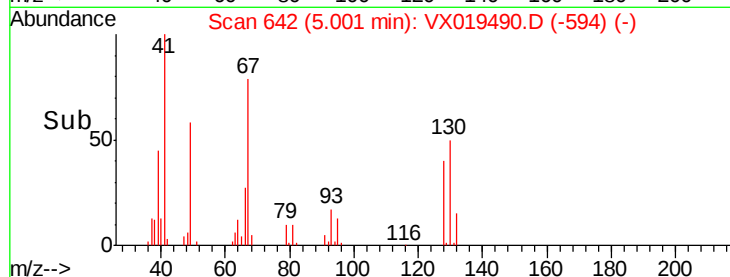
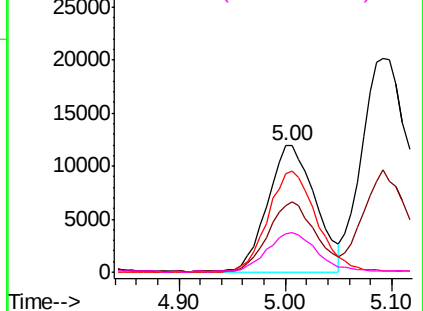
Abundance

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

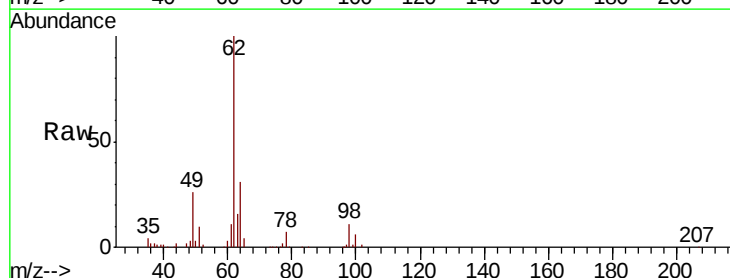
Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42
1,2-Dichloroethane
Concen: 18.325 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.00 min
Lab File: VX019490.D
Acq: 20 Nov 2020 10:30

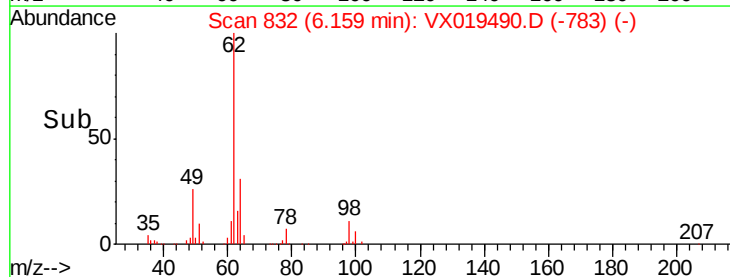
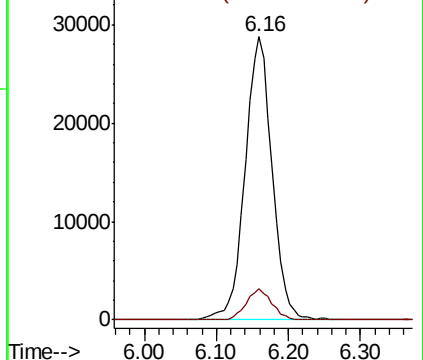
Tgt Ion:	62	Resp:	74926
Ion	Ratio	Lower	Upper
62	100		
98	10.4	0.0	20.0

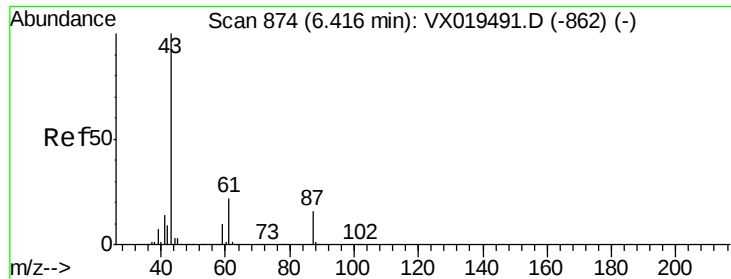


Abundance

Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



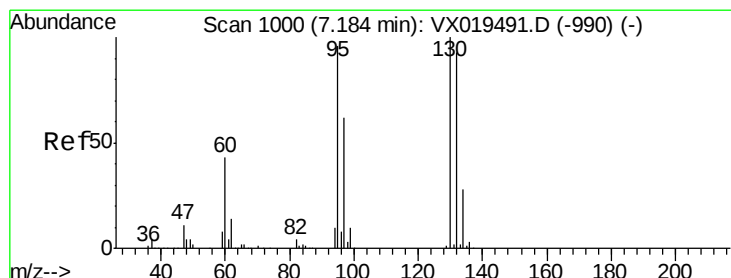
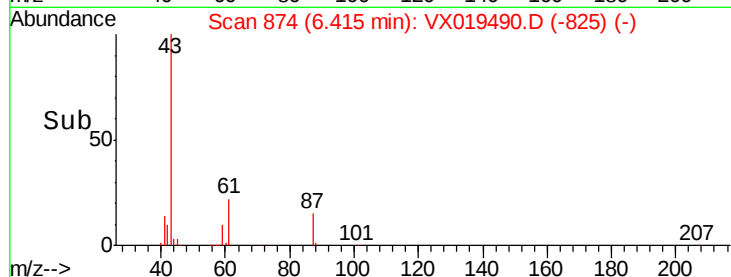
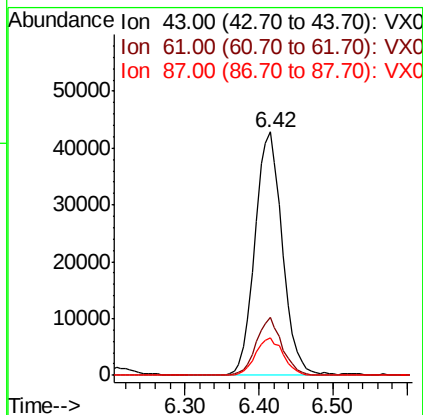
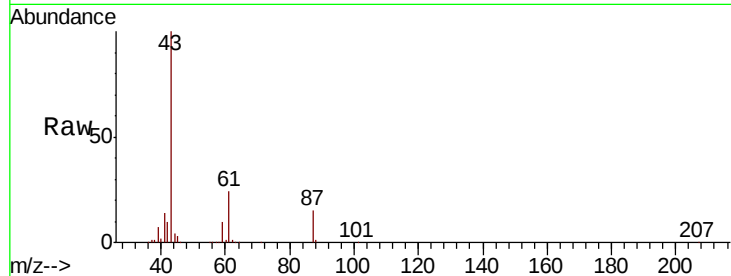


#43

Isopropyl Acetate
 Concen: 17.951 ug/l
 RT: 6.42 min Scan# 874
 Delta R.T. -0.00 min
 Lab File: VX019490.D
 Acq: 20 Nov 2020 10:30

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

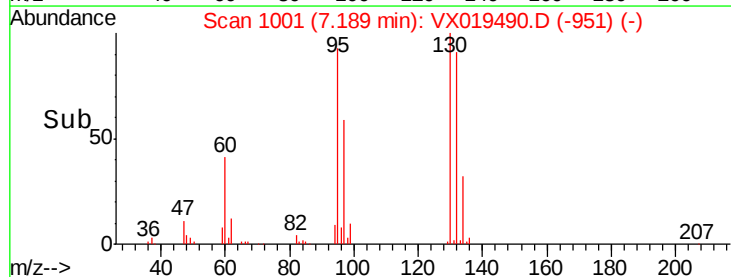
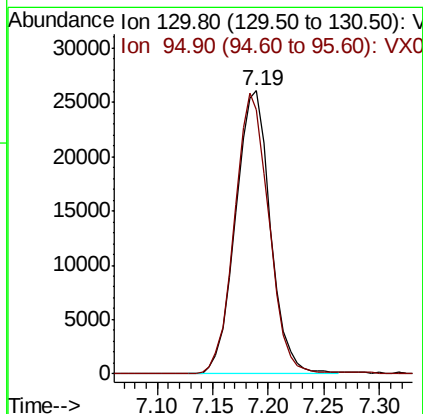
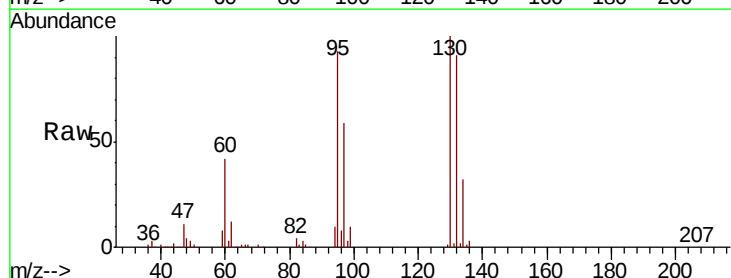
Tot Ion	43	Resp	109987
Ion Ratio	Lower	Upper	
43	100		
61	22.5	18.2	27.2
87	15.5	12.6	18.8

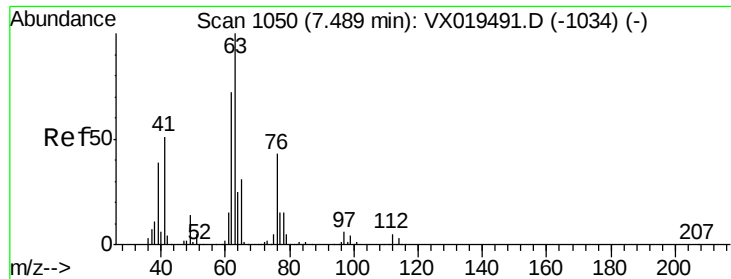


#44

Trichloroethene
 Concen: 18.047 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. 0.01 min
 Lab File: VX019490.D
 Acq: 20 Nov 2020 10:30

Tgt Ion	130	Resp	56390
Ion Ratio	Lower	Upper	
130	100		
95	93.3	0.0	191.2





#45

1,2-Dichloropropane

Concen: 18.492 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VX019490.D

Acq: 20 Nov 2020 10:30

Instrument :

MSVOA_X

ClientSampleId :

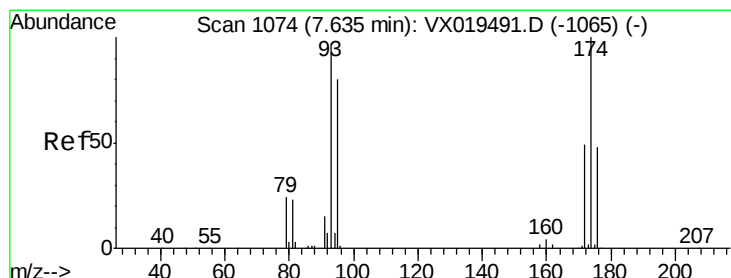
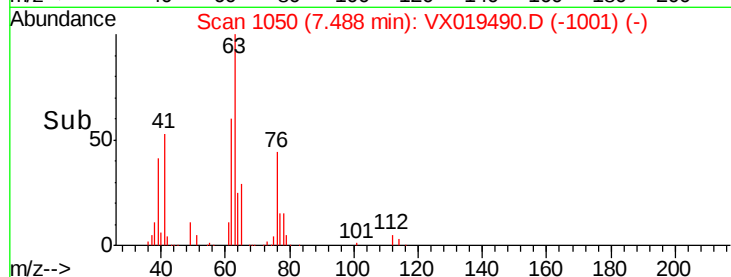
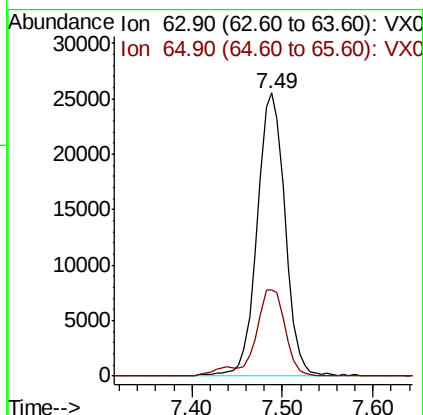
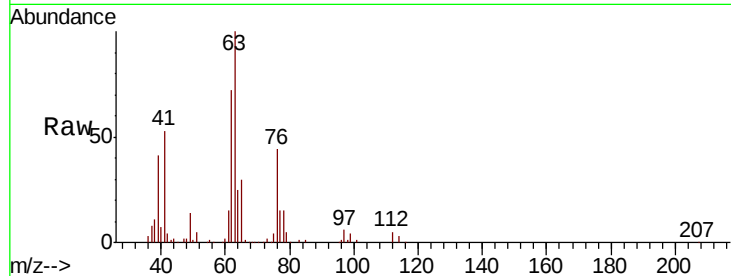
VSTDIC020

Tot Ion: 63 Resp: 54305

Ion Ratio Lower Upper

63 100

65 30.3 25.0 37.4



#46

Dibromomethane

Concen: 18.132 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.00 min

Lab File: VX019490.D

Acq: 20 Nov 2020 10:30

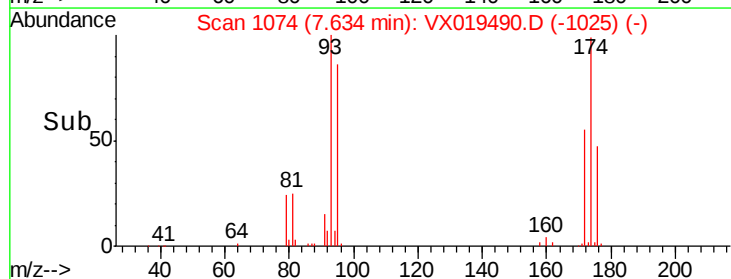
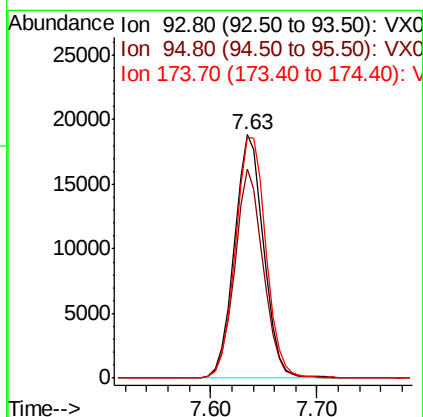
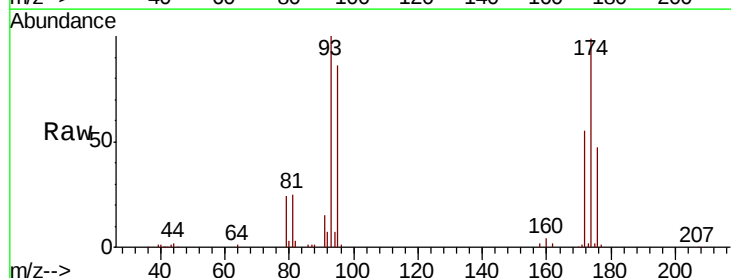
Tgt Ion: 93 Resp: 36445

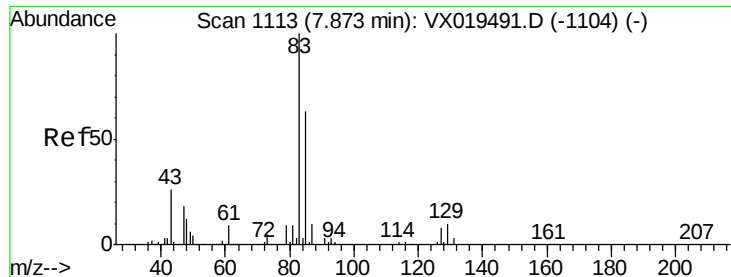
Ion Ratio Lower Upper

93 100

95 83.8 66.8 100.2

174 103.1 83.0 124.4





#47

Bromodichloromethane

Concen: 18.154 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.00 min

Lab File: VX019490.D

Acq: 20 Nov 2020 10:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

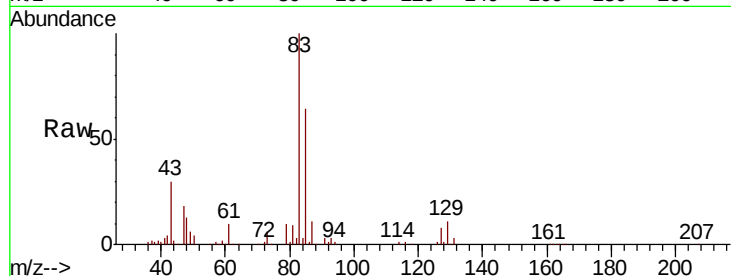
Tot Ion: 83 Resp: 70804

Ion Ratio Lower Upper

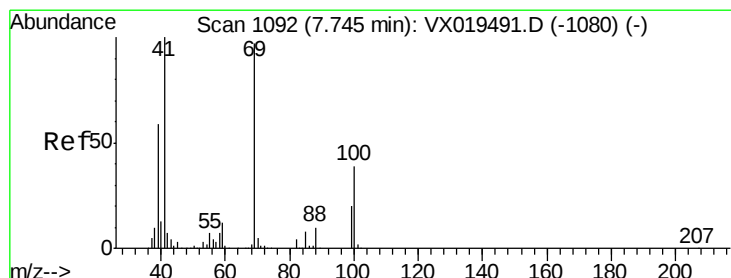
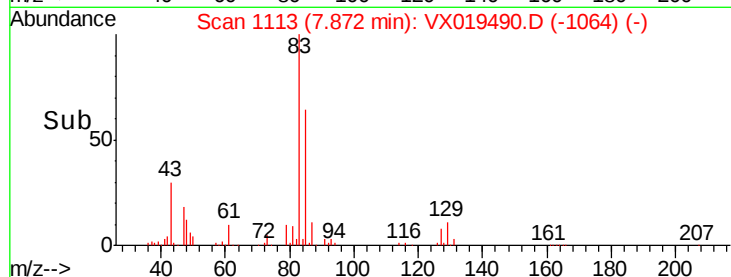
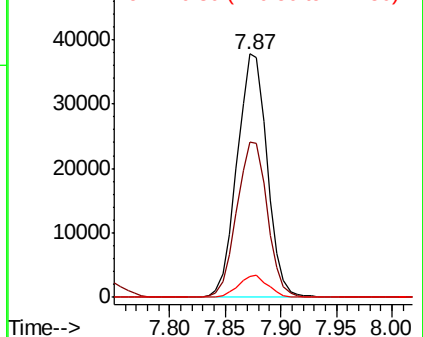
83 100

85 63.9 50.2 75.2

127 8.4 6.4 9.6



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 18.648 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. -0.00 min

Lab File: VX019490.D

Acq: 20 Nov 2020 10:30

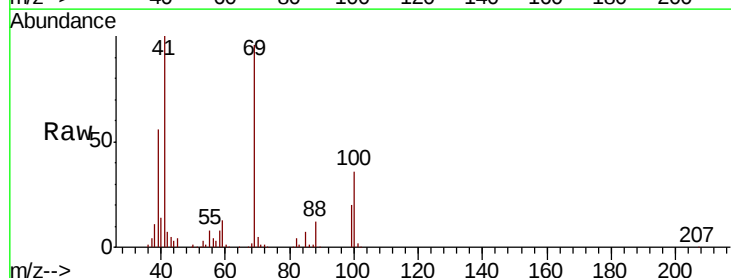
Tgt Ion: 41 Resp: 53510

Ion Ratio Lower Upper

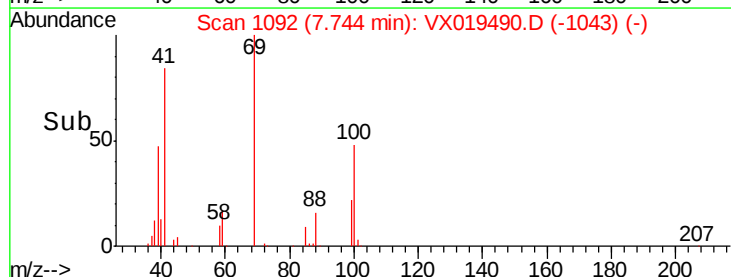
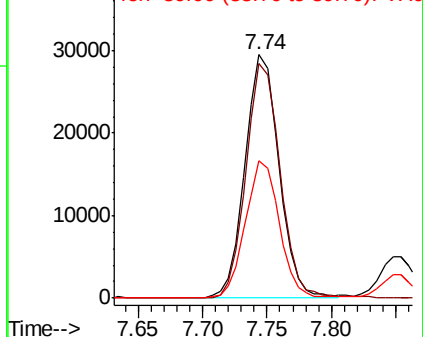
41 100

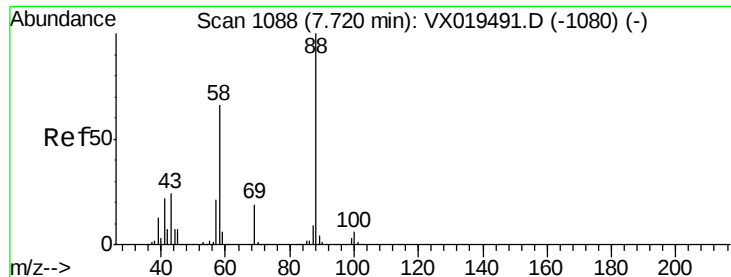
69 97.7 77.0 115.6

39 56.2 45.6 68.4



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

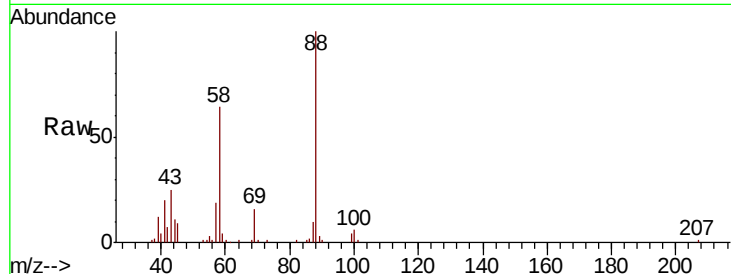




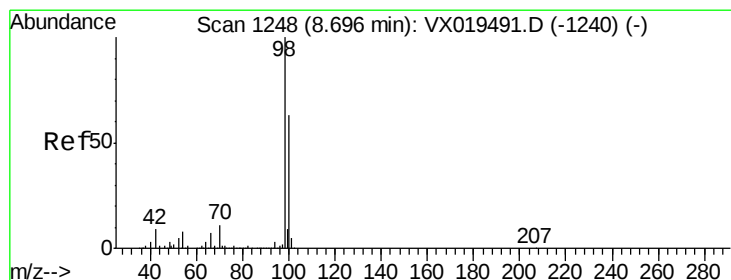
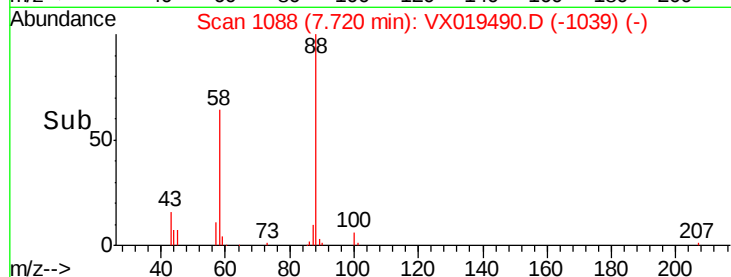
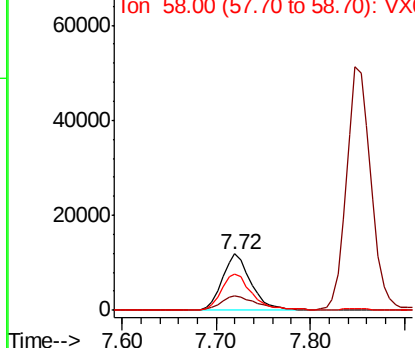
#49
1,4-Dioxane
Concen: 391.791 ug/l
RT: 7.72 min Scan# 1088
Delta R.T. -0.00 min
Lab File: VX019490.D
Acq: 20 Nov 2020 10:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
88	100		
43	29.2	23.8	35.6
58	67.8	54.2	81.2

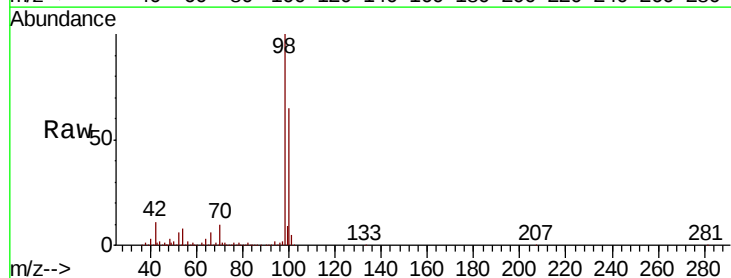


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

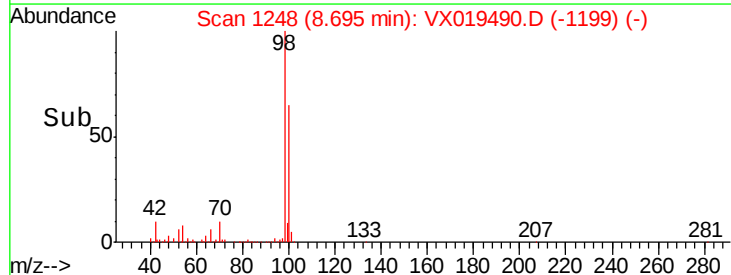
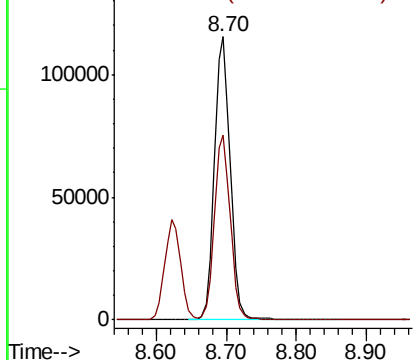


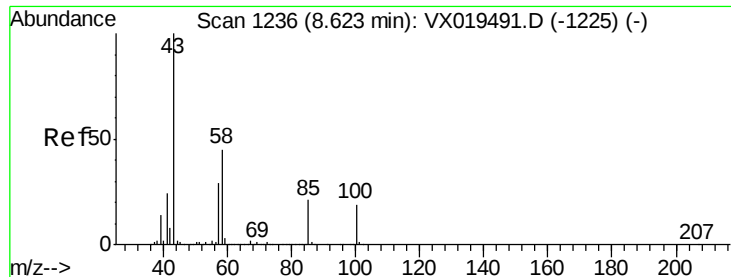
#50
Toluene-d8
Concen: 17.889 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX019490.D
Acq: 20 Nov 2020 10:30

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.7	52.4	78.6



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





#51

4-Methyl-2-Pentanone

Concen: 98.175 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VX019490.D

Acq: 20 Nov 2020 10:30

Instrument :

MSVOA_X

ClientSampleId :

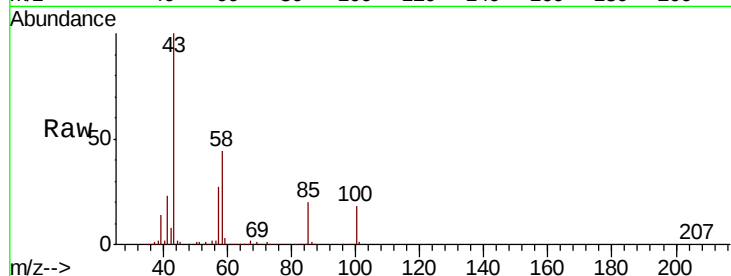
VSTDIC020

Tot Ion: 43 Resp: 350768

Ion Ratio Lower Upper

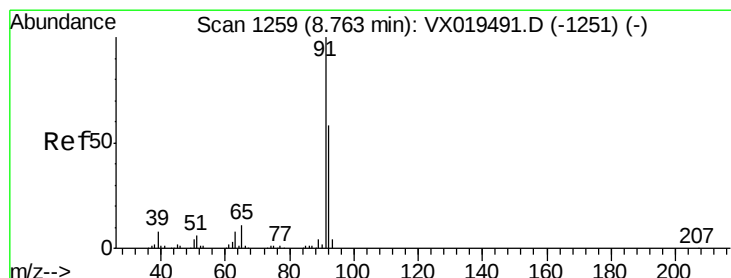
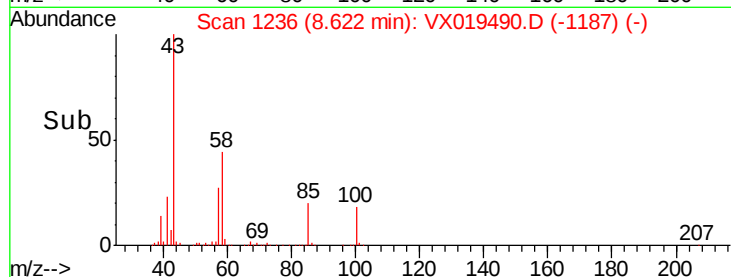
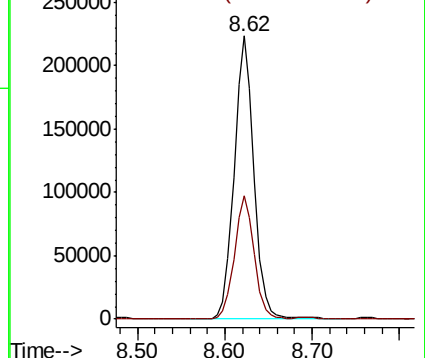
43 100

58 43.7 35.1 52.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 18.953 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.00 min

Lab File: VX019490.D

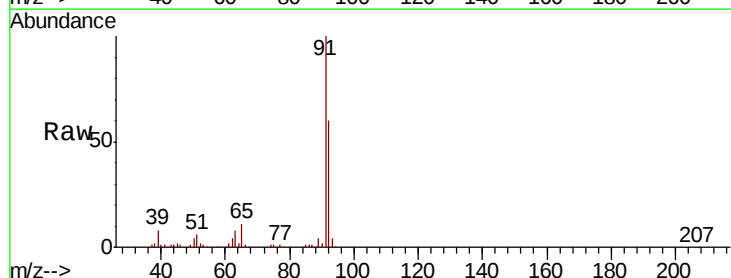
Acq: 20 Nov 2020 10:30

Tgt Ion: 92 Resp: 138314

Ion Ratio Lower Upper

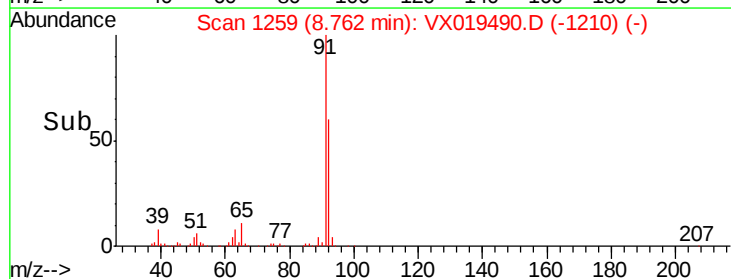
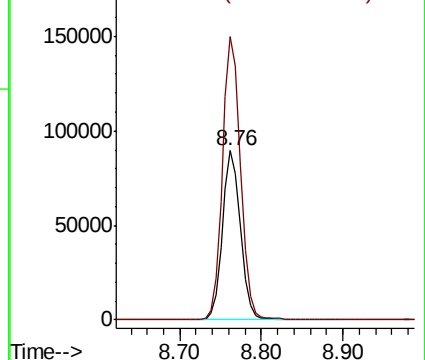
92 100

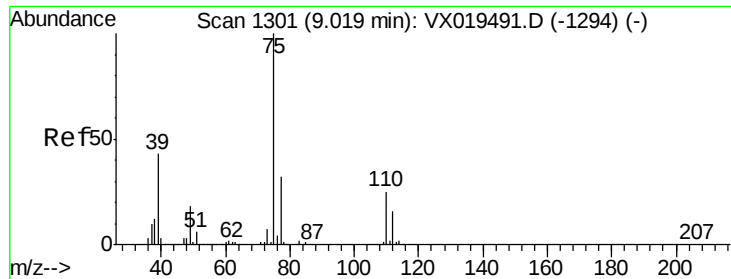
91 168.4 138.1 207.1



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 18.419 ug/l

RT: 9.02 min Scan# 1301

Delta R.T. -0.00 min

Lab File: VX019490.D

Acq: 20 Nov 2020 10:30

Instrument :

MSVOA_X

ClientSampleId :

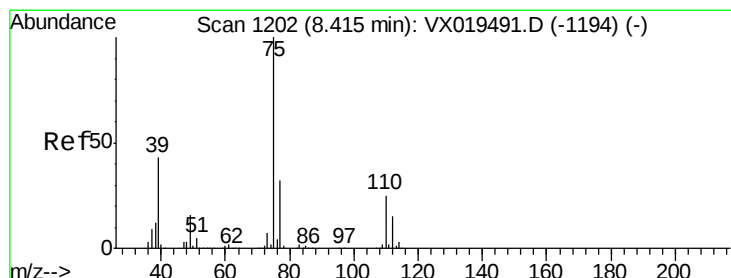
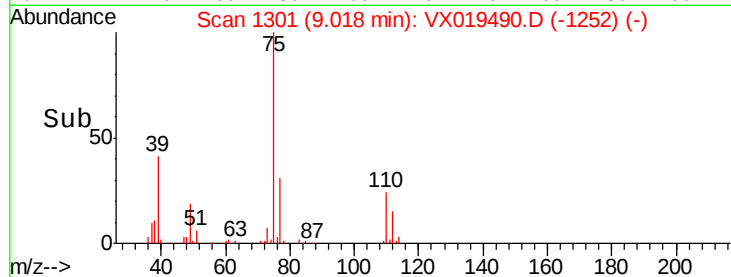
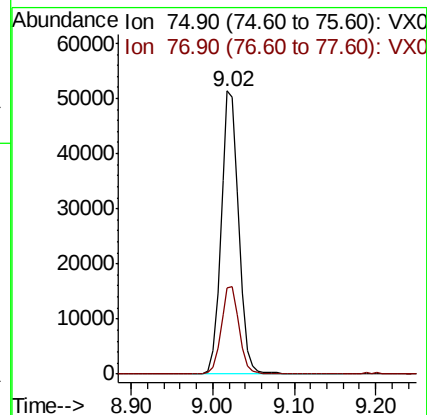
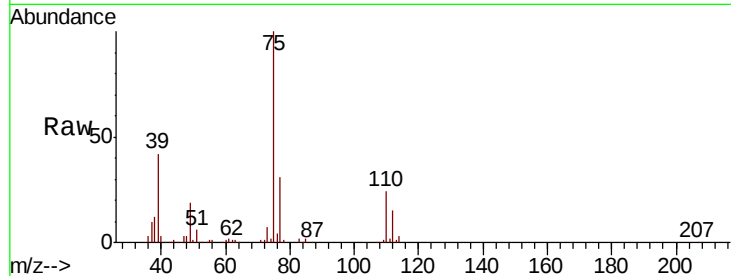
VSTDIC020

Tot Ion: 75 Resp: 77586

Ion Ratio Lower Upper

75 100

77 30.7 25.3 37.9



#54

cis-1,3-Dichloropropene

Concen: 18.274 ug/l

RT: 8.41 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX019490.D

Acq: 20 Nov 2020 10:30

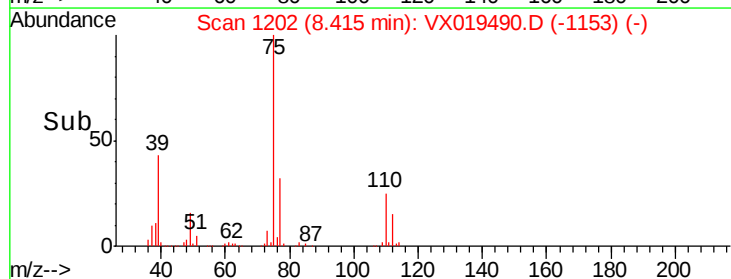
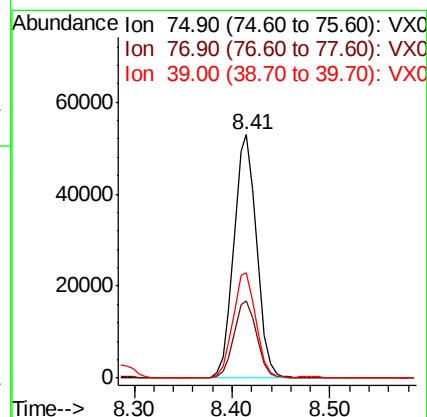
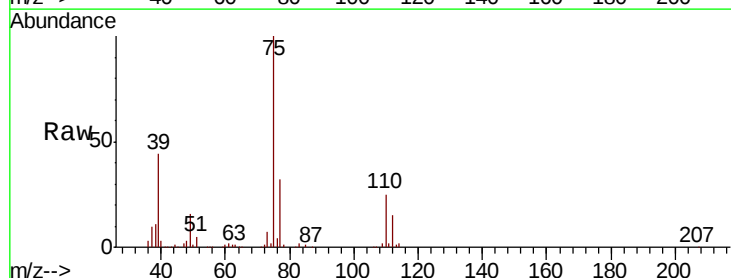
Tgt Ion: 75 Resp: 85420

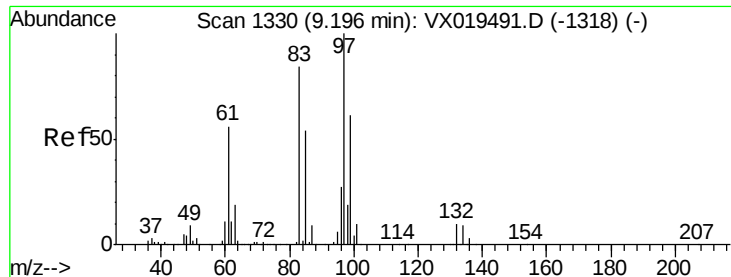
Ion Ratio Lower Upper

75 100

77 31.8 25.8 38.6

39 43.5 34.6 51.8

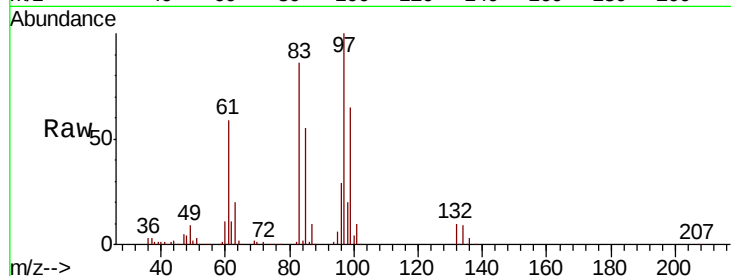




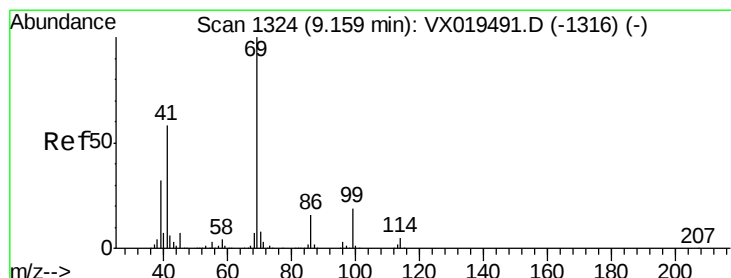
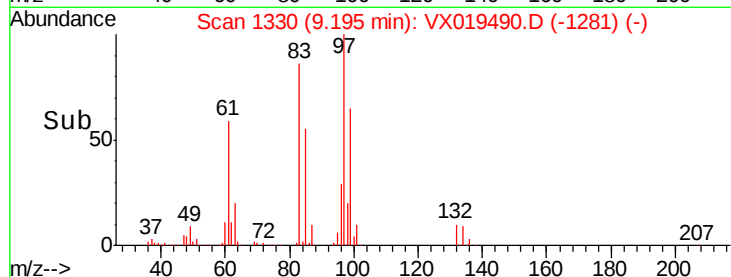
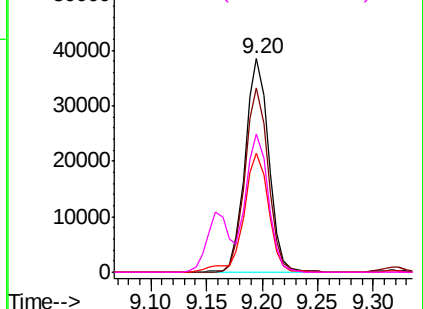
#55
 1,1,2-Trichloroethane
 Concen: 19.077 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX019490.D
 Acq: 20 Nov 2020 10:30

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Tot Ion:	97	Resp:	56698
Ion	Ratio	Lower	Upper
97	100		
83	86.4	67.0	100.6
85	55.5	43.4	65.0
99	64.9	49.0	73.4

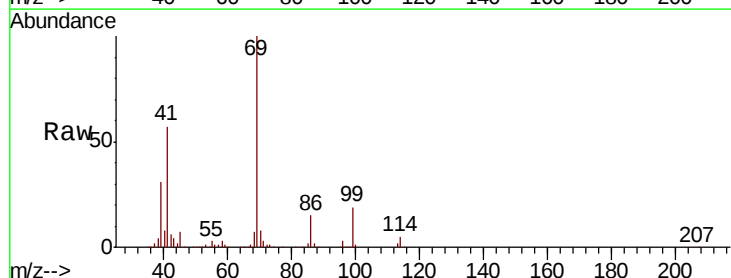


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

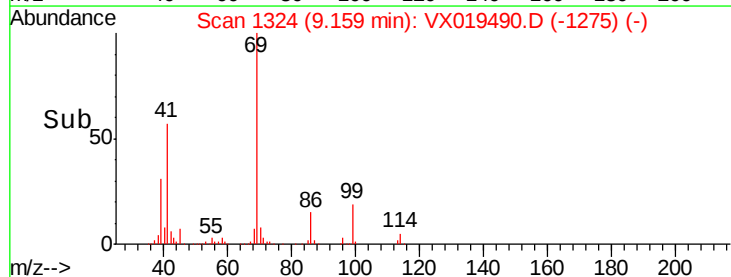
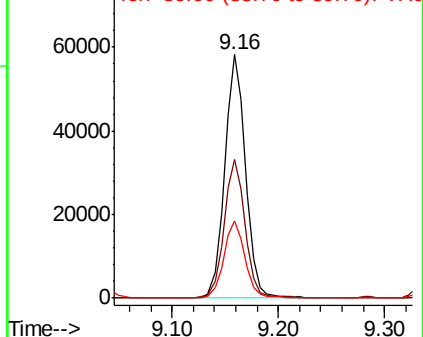


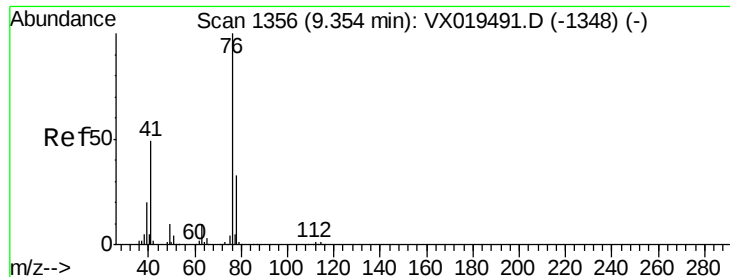
#56
 Ethyl methacrylate
 Concen: 18.958 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX019490.D
 Acq: 20 Nov 2020 10:30

Tgt Ion:	69	Resp:	79727
Ion	Ratio	Lower	Upper
69	100		
41	56.8	46.2	69.2
39	32.1	25.5	38.3



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





#57

1,3-Dichloropropane

Concen: 18.948 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX019490.D

Acq: 20 Nov 2020 10:30

Instrument :

MSVOA_X

ClientSampleId :

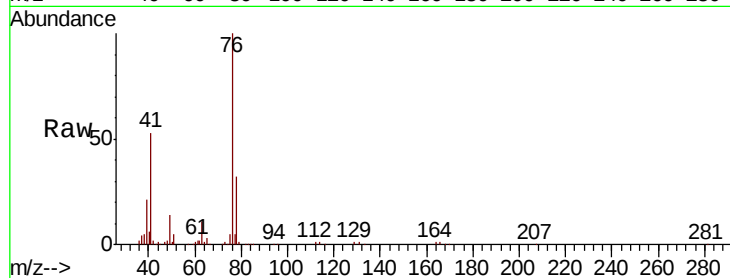
VSTDIC020

Tot Ion: 76 Resp: 94284

Ion Ratio Lower Upper

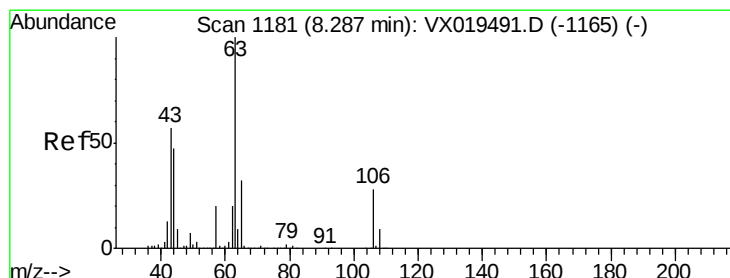
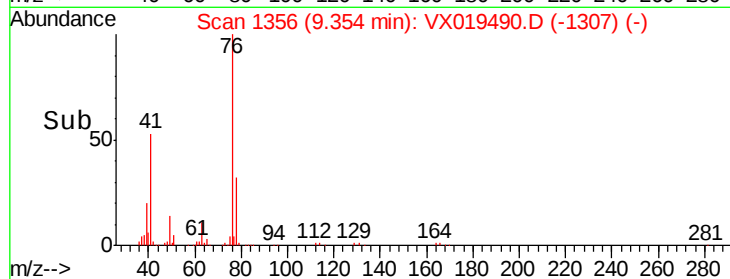
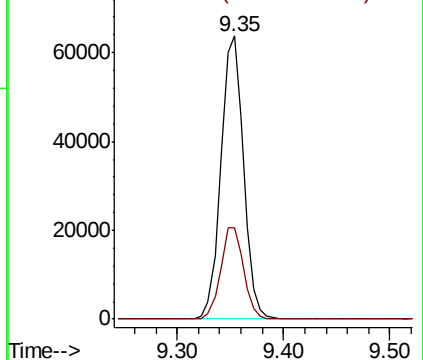
76 100

78 33.2 25.7 38.5



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 92.532 ug/l

RT: 8.29 min Scan# 1181

Delta R.T. -0.00 min

Lab File: VX019490.D

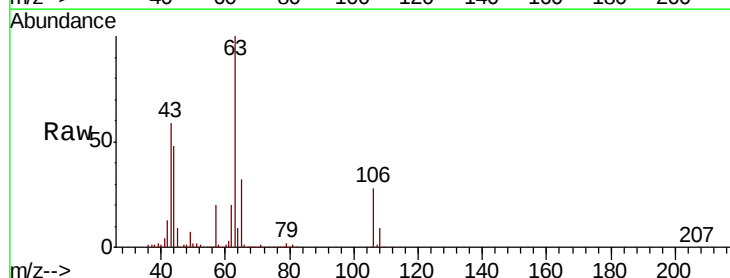
Acq: 20 Nov 2020 10:30

Tgt Ion: 63 Resp: 228018

Ion Ratio Lower Upper

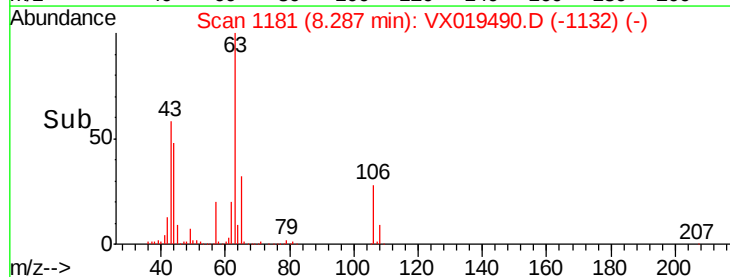
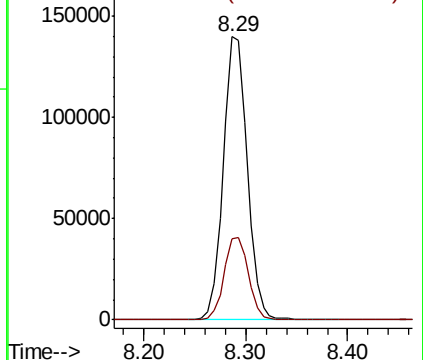
63 100

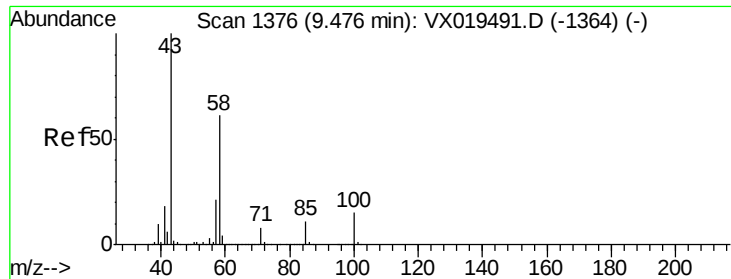
106 29.5 23.7 35.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

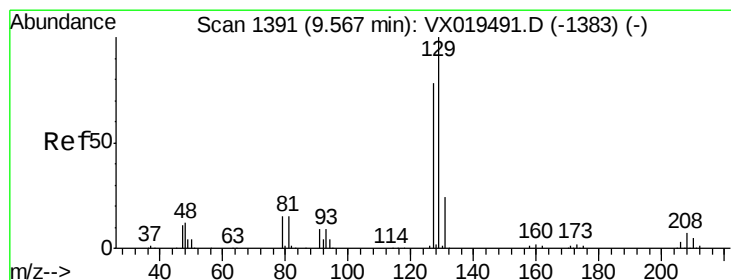
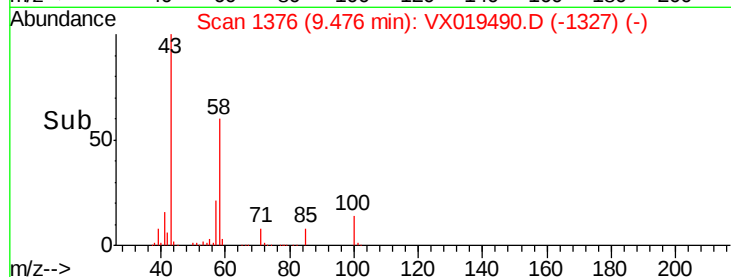
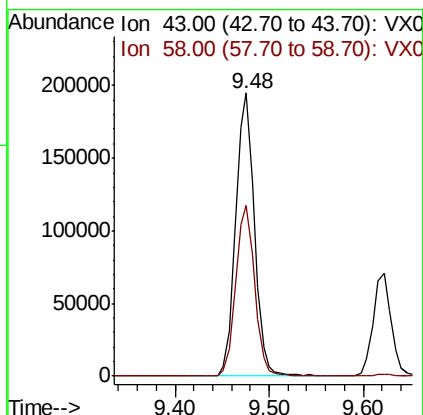
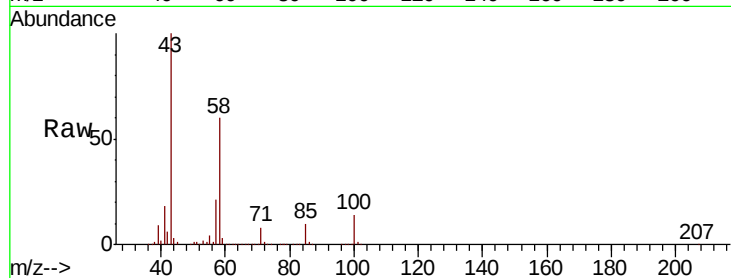




#59
2-Hexanone
Concen: 99.446 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. -0.00 min
Lab File: VX019490.D
Acq: 20 Nov 2020 10:30

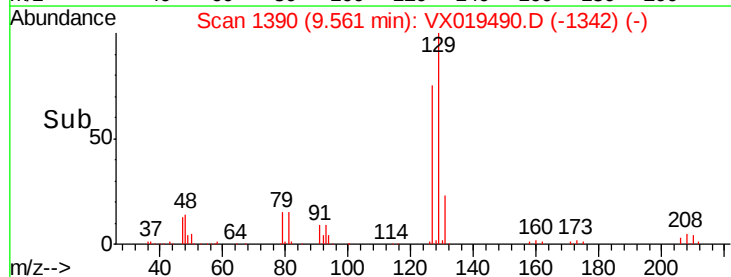
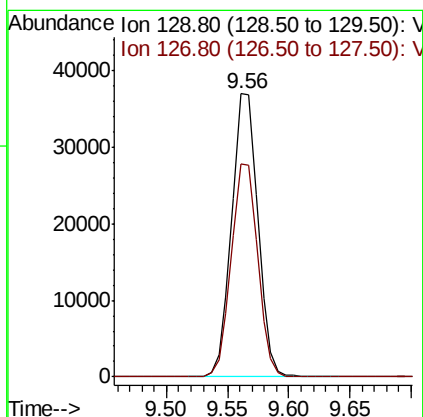
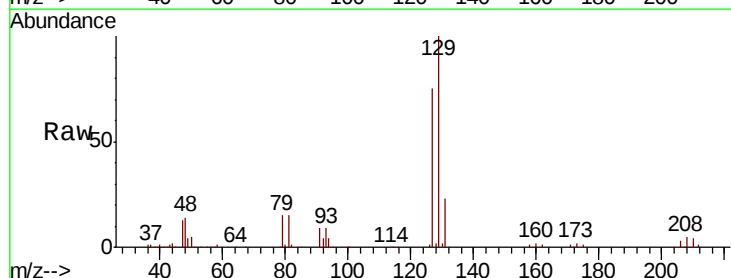
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

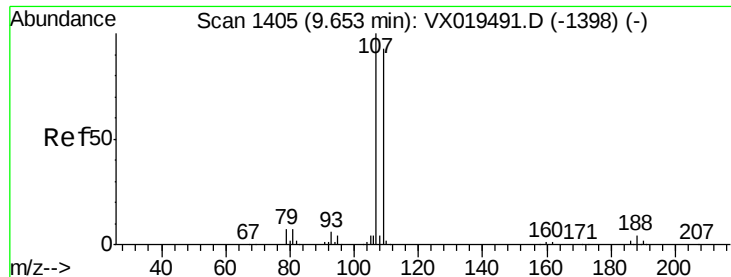
Tot Ion: 43 Resp: 269474
Ion Ratio Lower Upper
43 100
58 60.7 30.6 91.6



#60
Dibromochloromethane
Concen: 18.829 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. -0.01 min
Lab File: VX019490.D
Acq: 20 Nov 2020 10:30

Tgt Ion: 129 Resp: 54814
Ion Ratio Lower Upper
129 100
127 75.7 39.0 116.9

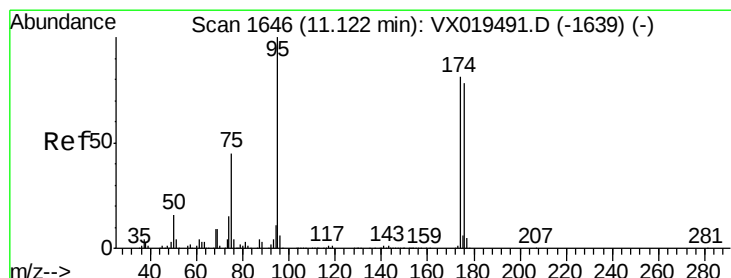
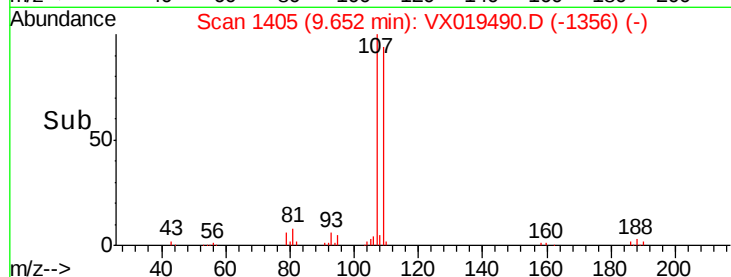
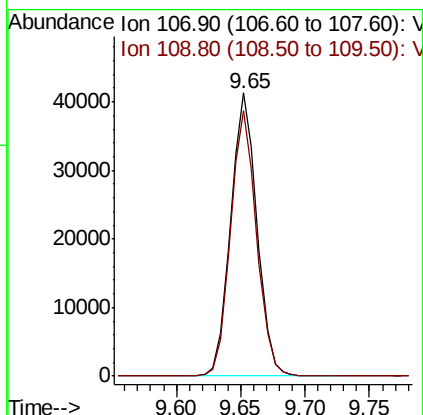
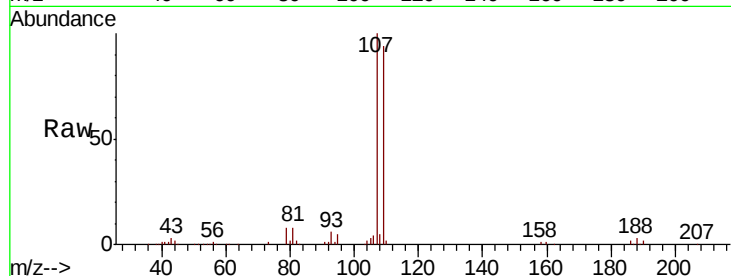




#61
 1,2-Dibromoethane
 Concen: 19.211 ug/l
 RT: 9.65 min Scan# 1405
 Delta R.T. -0.00 min
 Lab File: VX019490.D
 Acq: 20 Nov 2020 10:30

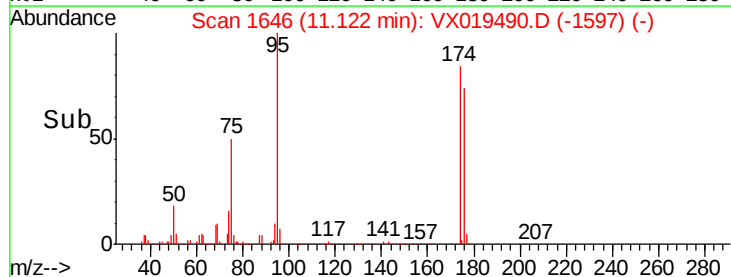
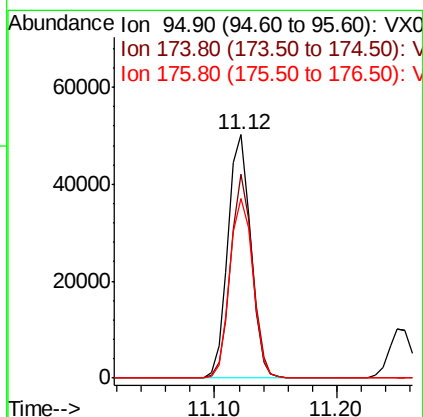
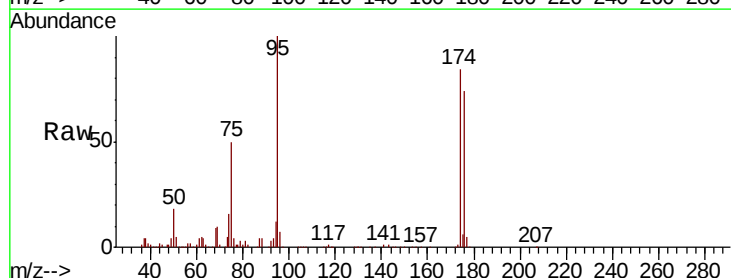
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

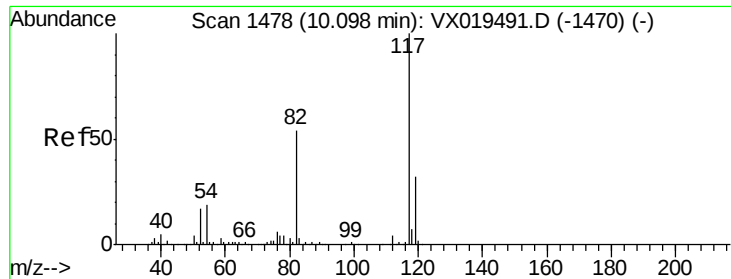
Tot Ion:107 Resp: 58853
 Ion Ratio Lower Upper
 107 100
 109 92.9 74.8 112.2



#62
 4-Bromofluorobenzene
 Concen: 17.754 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. -0.00 min
 Lab File: VX019490.D
 Acq: 20 Nov 2020 10:30

Tgt Ion: 95 Resp: 64523
 Ion Ratio Lower Upper
 95 100
 174 80.6 0.0 156.2
 176 75.5 0.0 151.4

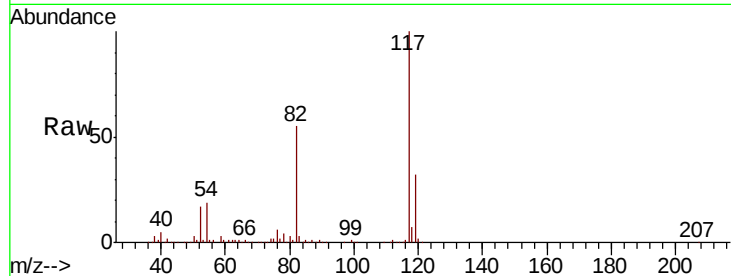




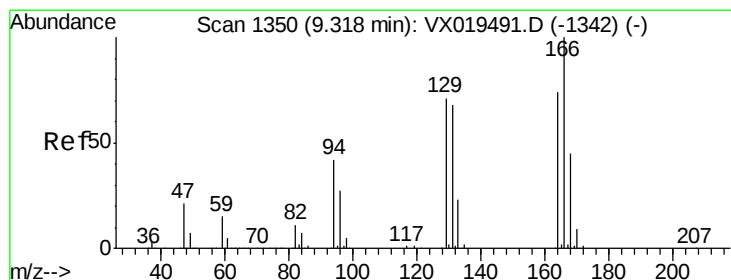
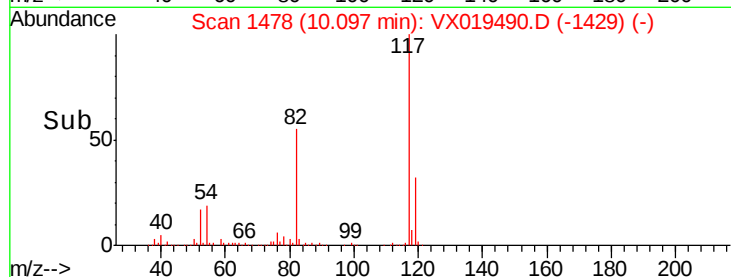
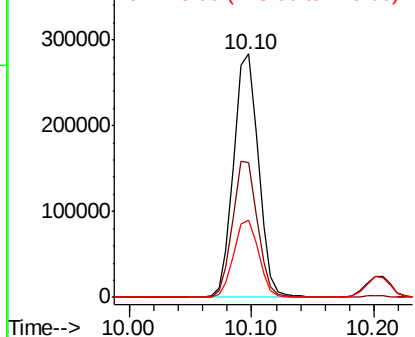
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX019490.D
Acq: 20 Nov 2020 10:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.4	43.0	64.4
119	31.9	25.6	38.4



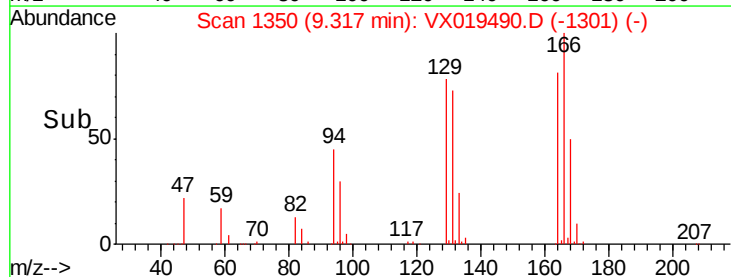
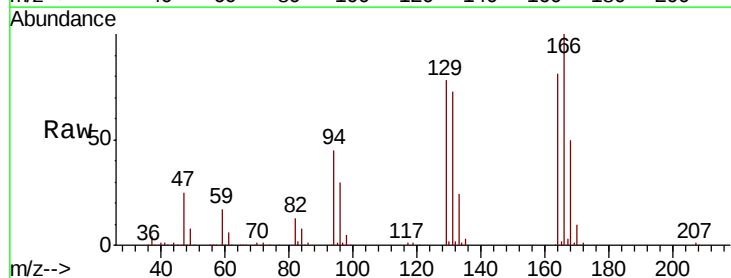
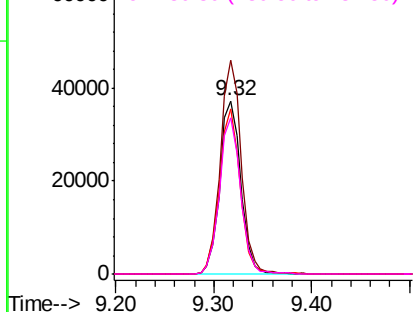
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

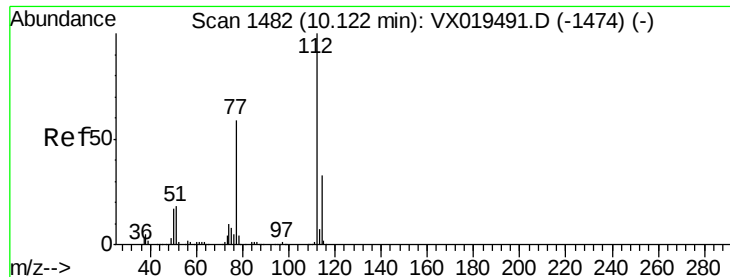


#64
Tetrachloroethene
Concen: 17.793 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX019490.D
Acq: 20 Nov 2020 10:30

Tgt Ion	Ratio	Lower	Upper
164	100		
166	123.2	107.4	161.0
129	95.5	76.6	114.8
131	89.8	72.6	108.8

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





#65

Chlorobenzene

Concen: 18.015 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX019490.D

Acq: 20 Nov 2020 10:30

Instrument :

MSVOA_X

ClientSampleId :

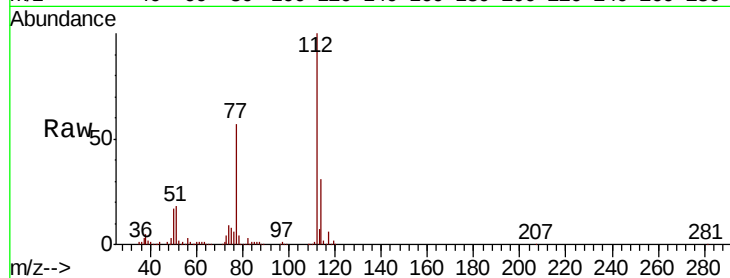
VSTDIC020

Tot Ion:112 Resp: 147182

Ion Ratio Lower Upper

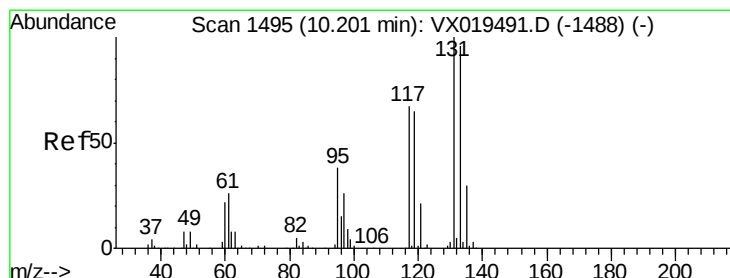
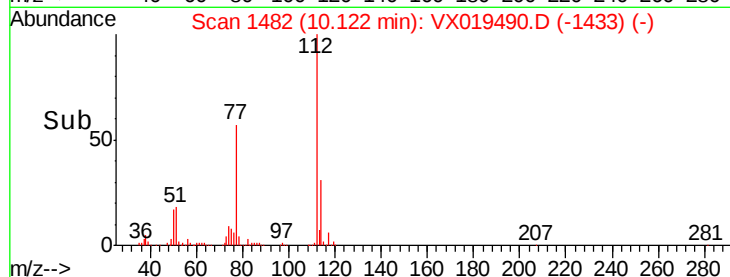
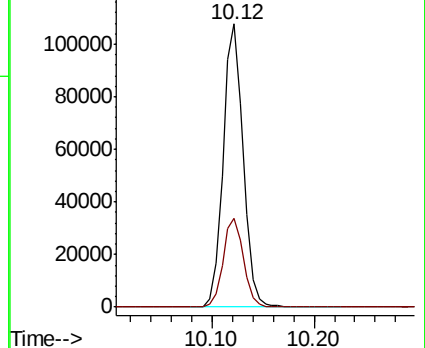
112 100

114 31.5 26.0 39.0



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 17.918 ug/l

RT: 10.20 min Scan# 1495

Delta R.T. -0.00 min

Lab File: VX019490.D

Acq: 20 Nov 2020 10:30

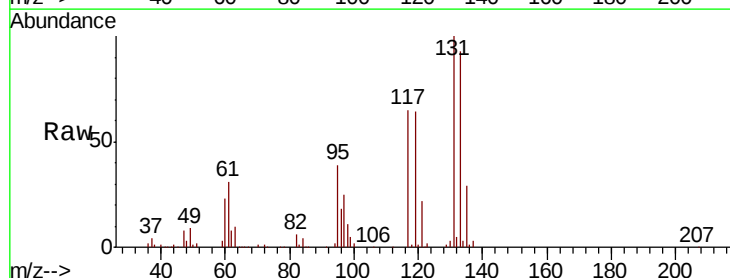
Tgt Ion:131 Resp: 53248

Ion Ratio Lower Upper

131 100

133 95.5 48.5 145.5

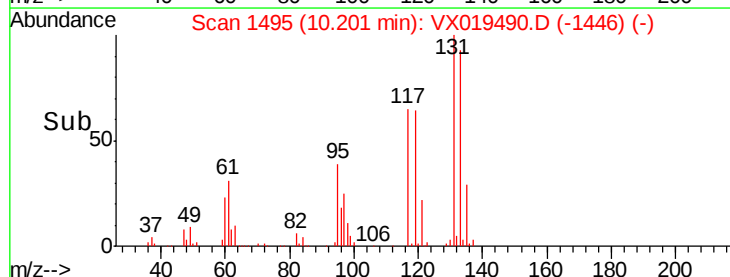
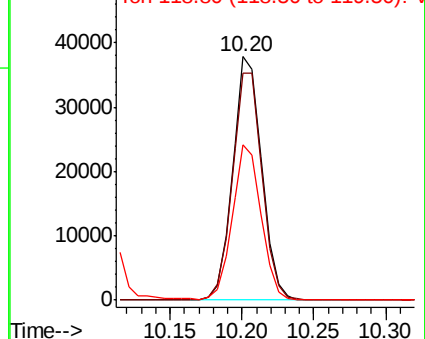
119 63.5 33.0 99.0

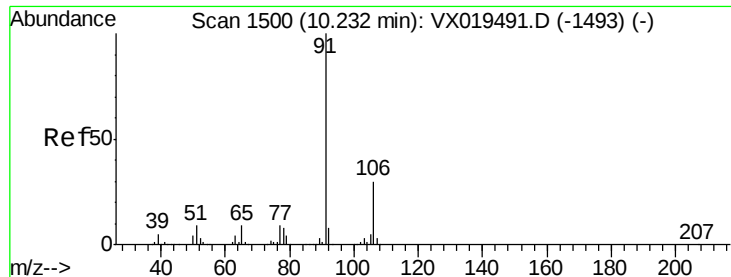


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 18.072 ug/l

RT: 10.23 min Scan# 1500

Delta R.T. -0.00 min

Lab File: VX019490.D

Acq: 20 Nov 2020 10:30

Instrument :

MSVOA_X

ClientSampleId :

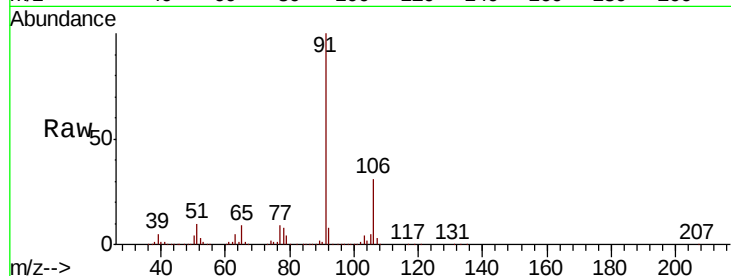
VSTDIC020

Tot Ion: 91 Resp: 258661

Ion Ratio Lower Upper

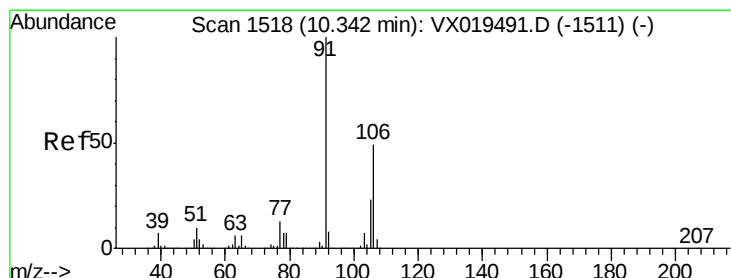
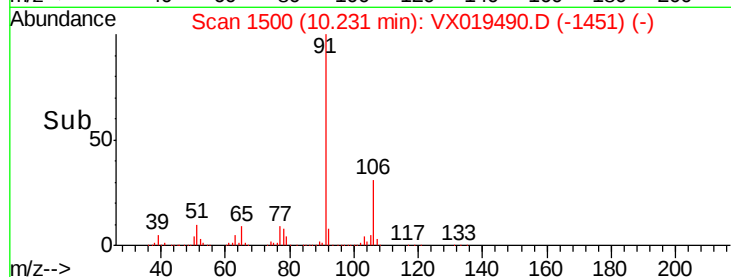
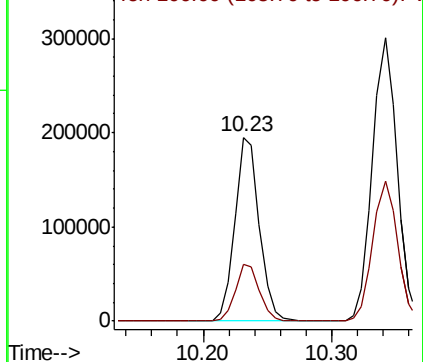
91 100

106 30.7 24.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VX019490.D

Ion 106.00 (105.70 to 106.70): VX019490.D



#68

m/p-Xylenes

Concen: 37.116 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX019490.D

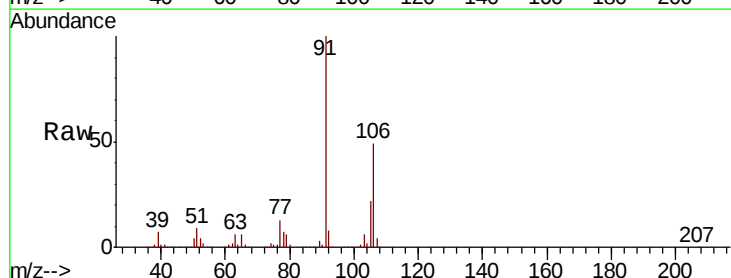
Acq: 20 Nov 2020 10:30

Tgt Ion: 106 Resp: 197913

Ion Ratio Lower Upper

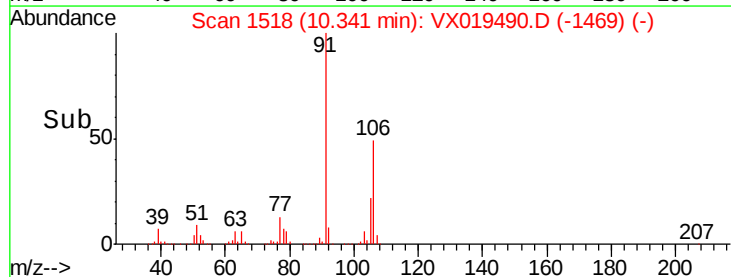
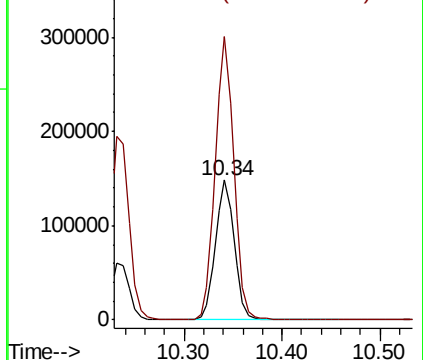
106 100

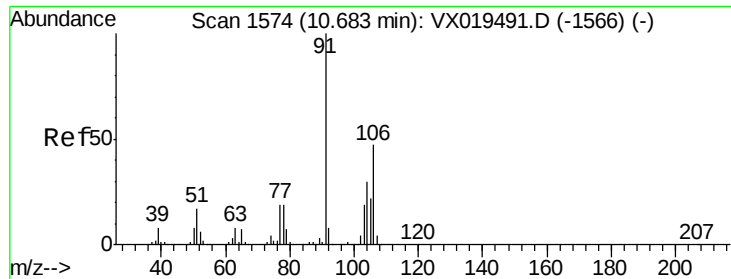
91 201.4 163.3 244.9



Abundance Ion 106.00 (105.70 to 106.70): VX019490.D

Ion 91.00 (90.70 to 91.70): VX019490.D

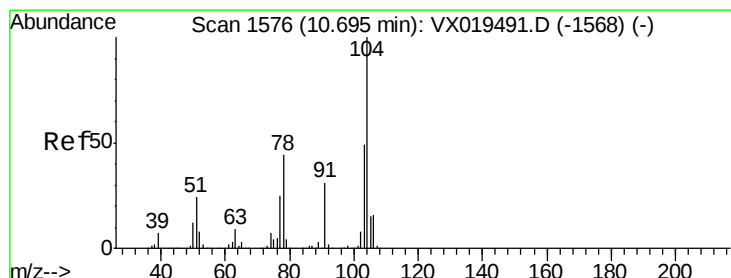
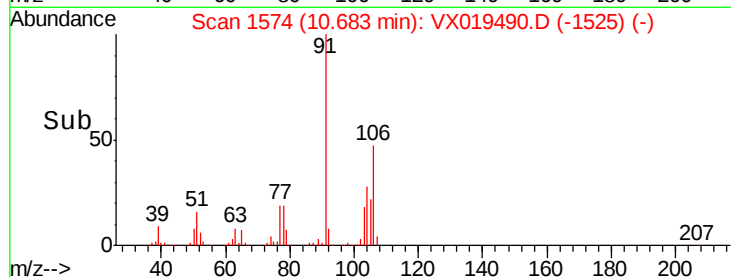
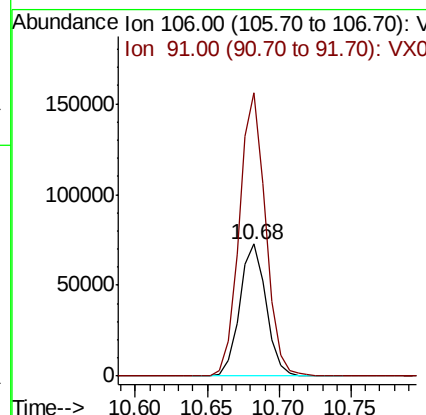
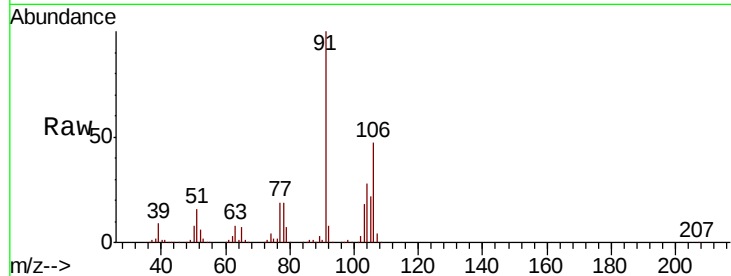




#69
o-Xylene
Concen: 18.311 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX019490.D
Acq: 20 Nov 2020 10:30

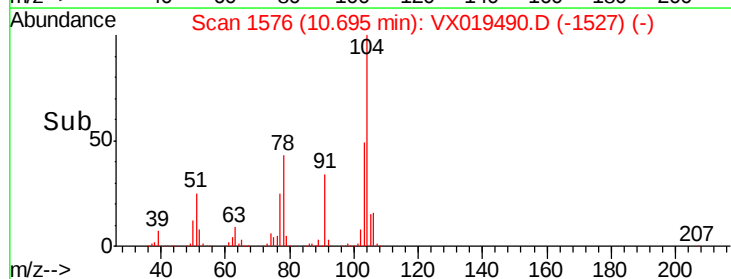
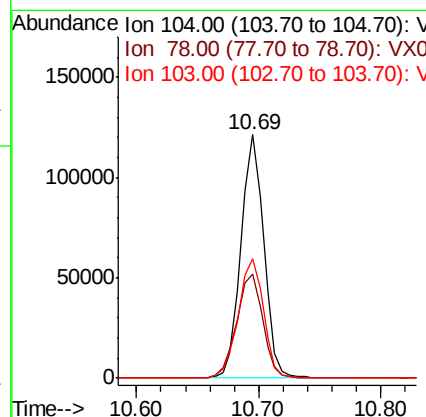
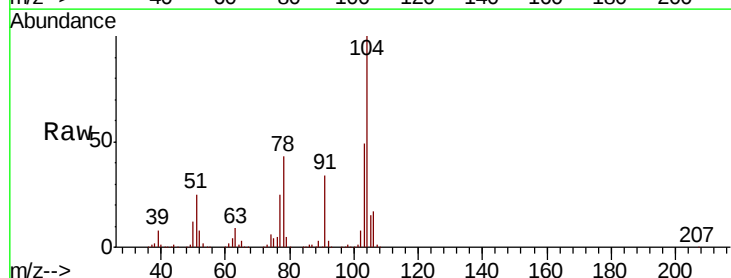
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

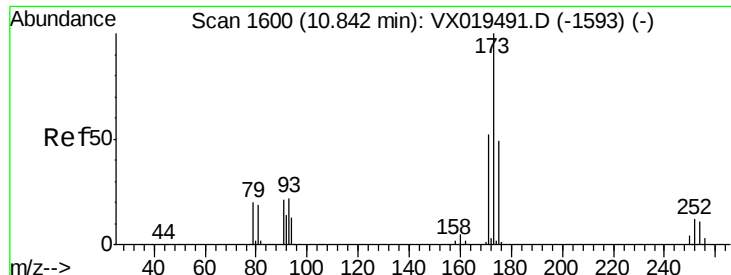
Tot Ion:106 Resp: 93338
Ion Ratio Lower Upper
106 100
91 213.5 108.0 324.0



#70
Styrene
Concen: 18.464 ug/l
RT: 10.69 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX019490.D
Acq: 20 Nov 2020 10:30

Tgt Ion:104 Resp: 156231
Ion Ratio Lower Upper
104 100
78 49.2 39.5 59.3
103 54.4 43.6 65.4





#71

Bromoform

Concen: 17.418 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX019490.D

Acq: 20 Nov 2020 10:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

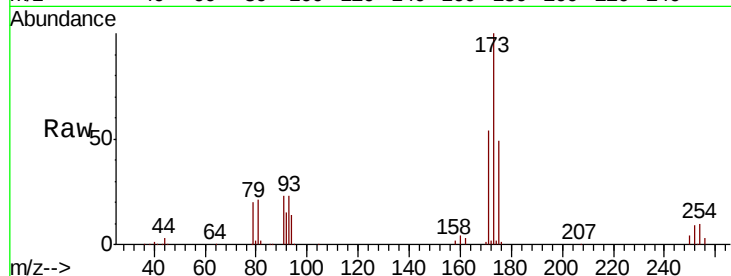
Tot Ion:173 Resp: 37849

Ion Ratio Lower Upper

173 100

175 48.8 24.9 74.8

254 0.0 0.1 0.1#

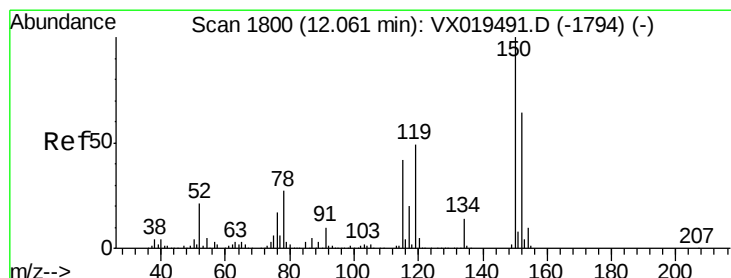
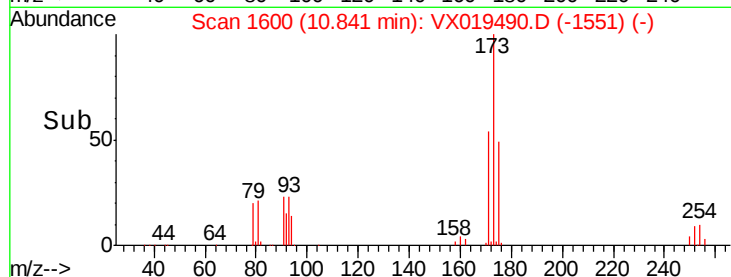
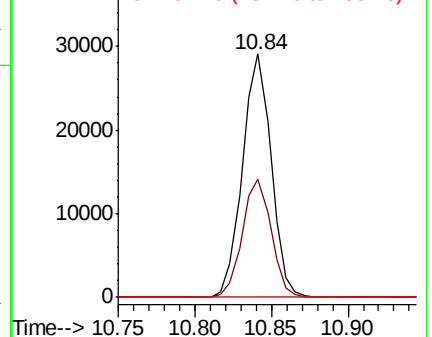


Abundance

Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX019490.D

Acq: 20 Nov 2020 10:30

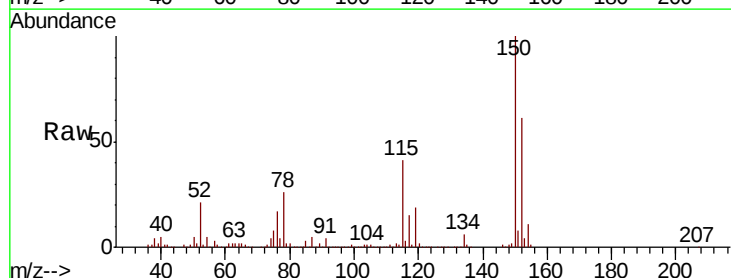
Tgt Ion:152 Resp: 192519

Ion Ratio Lower Upper

152 100

115 68.8 41.8 125.4

150 164.0 0.0 348.2

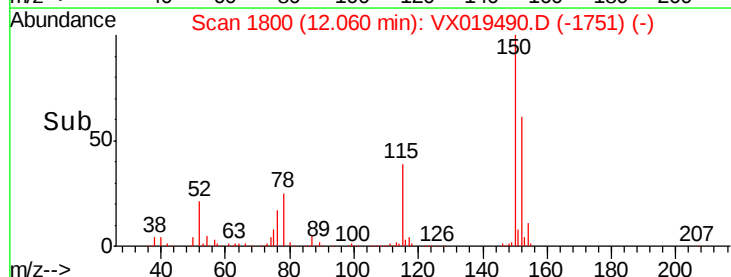
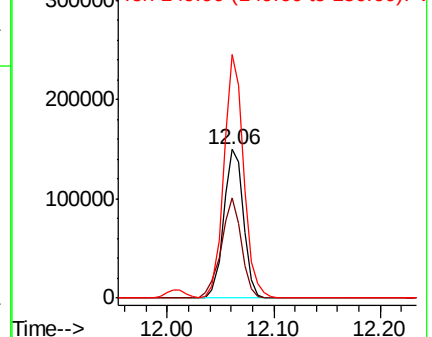


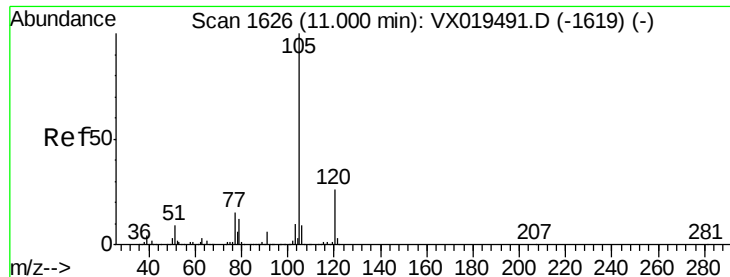
Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 18.694 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX019490.D

Acq: 20 Nov 2020 10:30

Instrument :

MSVOA_X

ClientSampleId :

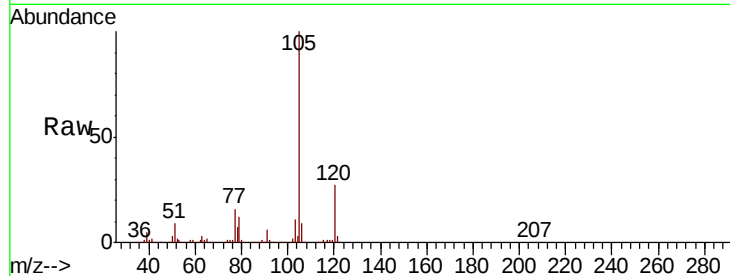
VSTDIC020

Tot Ion:105 Resp: 248965

Ion Ratio Lower Upper

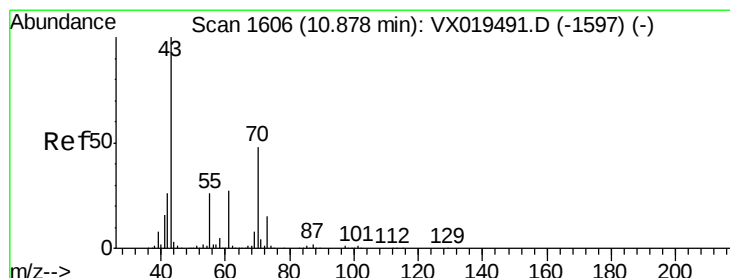
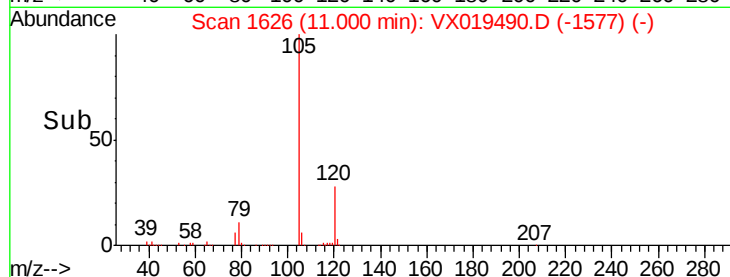
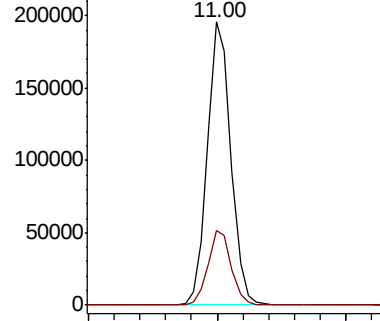
105 100

120 26.2 13.0 39.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 17.905 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX019490.D

Acq: 20 Nov 2020 10:30

Tgt Ion: 43 Resp: 89353

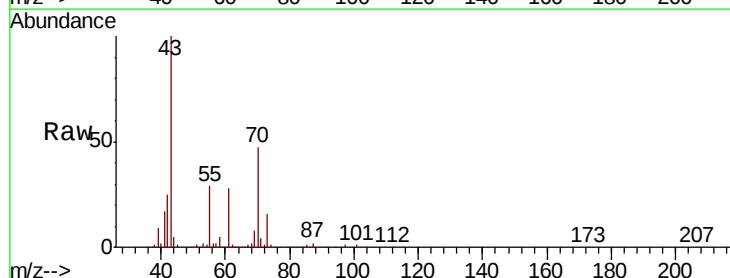
Ion Ratio Lower Upper

43 100

70 49.5 39.7 59.5

55 28.8 21.8 32.6

61 27.6 22.2 33.4

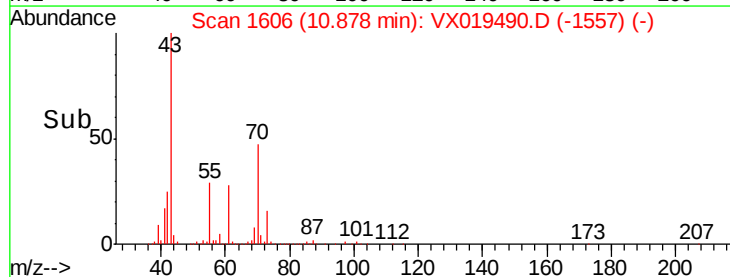
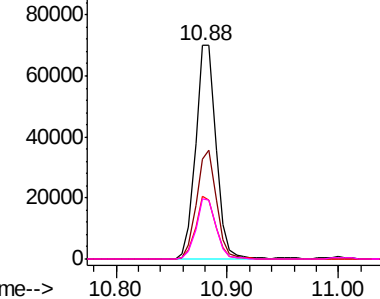


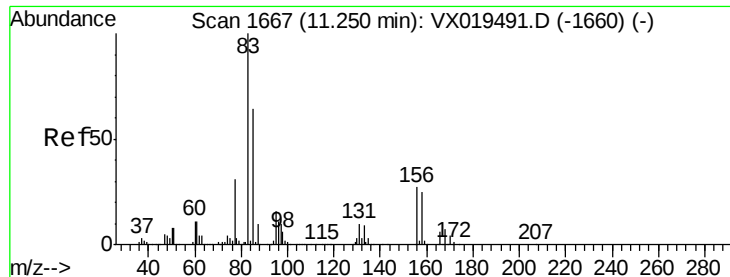
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 18.050 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX019490.D

Acq: 20 Nov 2020 10:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

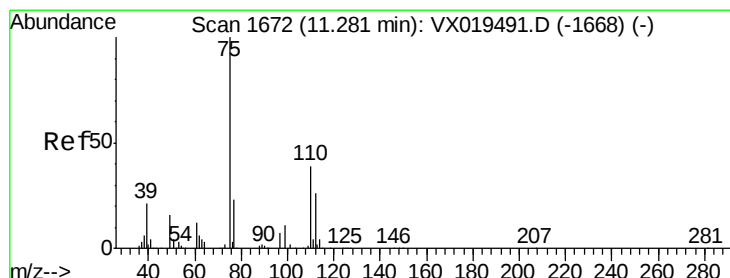
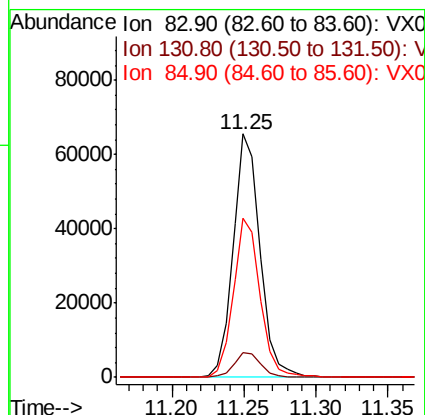
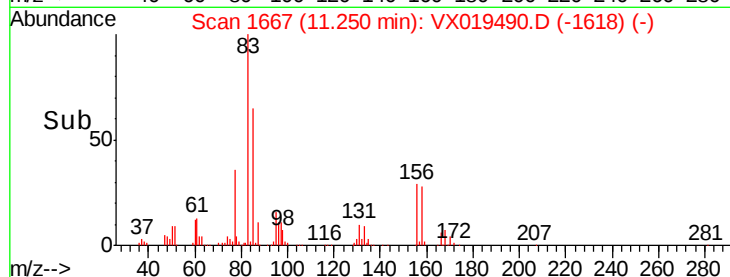
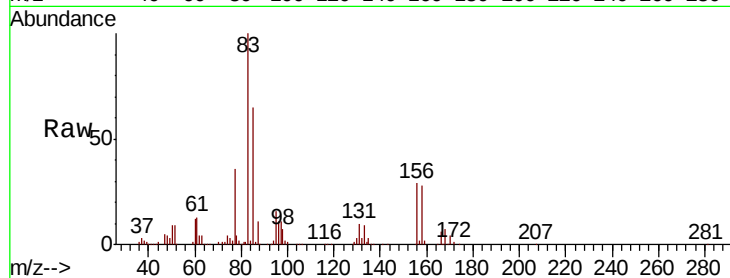
Tot Ion: 83 Resp: 85967

Ion Ratio Lower Upper

83 100

131 10.2 5.0 15.0

85 64.8 32.4 97.2



#76

1,2,3-Trichloropropane

Concen: 22.703 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX019490.D

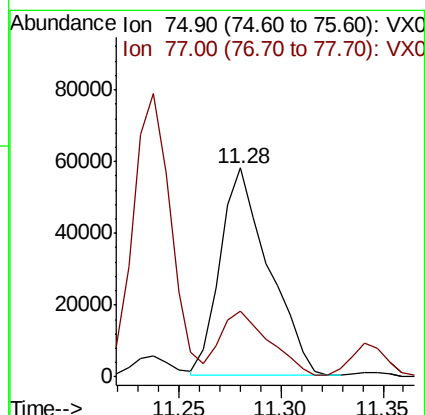
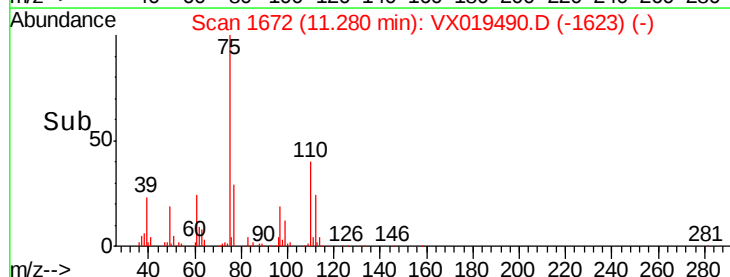
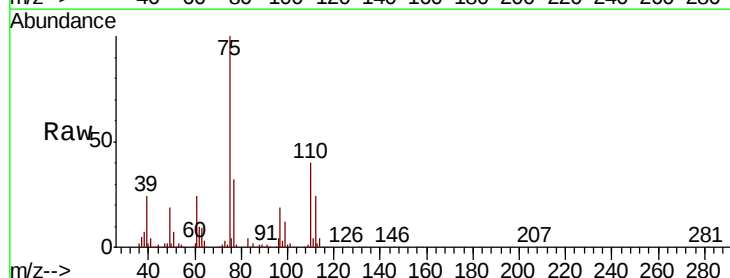
Acq: 20 Nov 2020 10:30

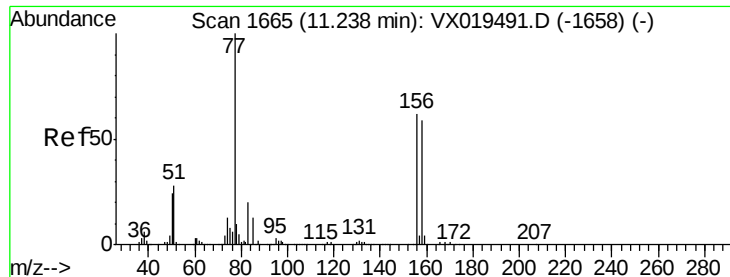
Tgt Ion: 75 Resp: 95385

Ion Ratio Lower Upper

75 100

77 32.4 20.0 60.0





#77

Bromobenzene

Concen: 17.944 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX019490.D

Acq: 20 Nov 2020 10:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

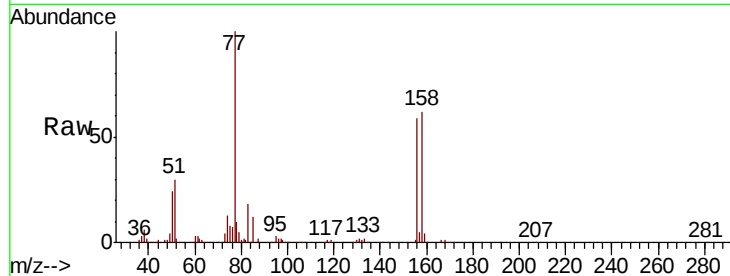
Tot Ion:156 Resp: 61008

Ion Ratio Lower Upper

156 100

77 166.9 82.5 247.3

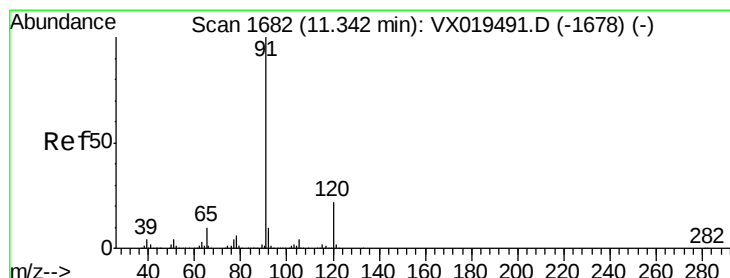
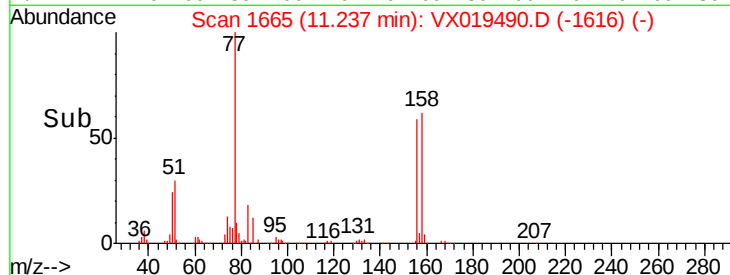
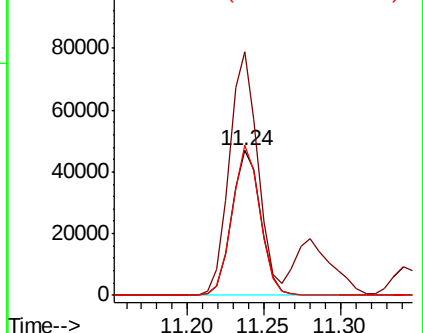
158 99.9 48.9 146.7



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 18.542 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX019490.D

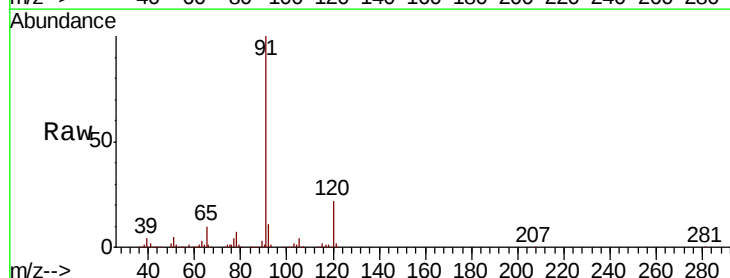
Acq: 20 Nov 2020 10:30

Tgt Ion: 91 Resp: 283294

Ion Ratio Lower Upper

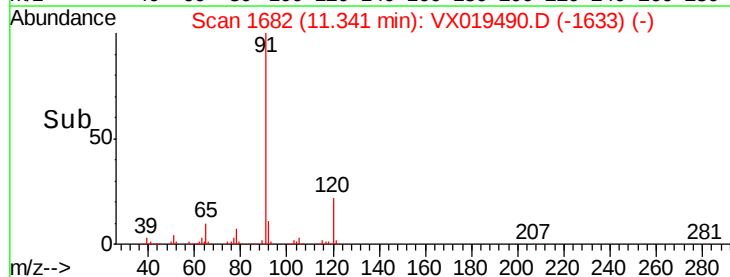
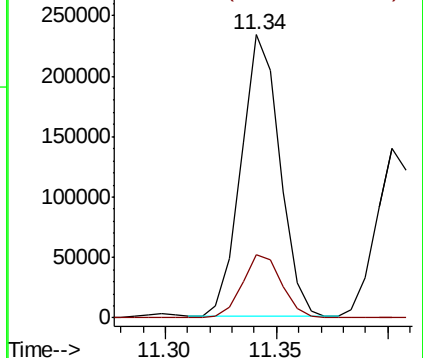
91 100

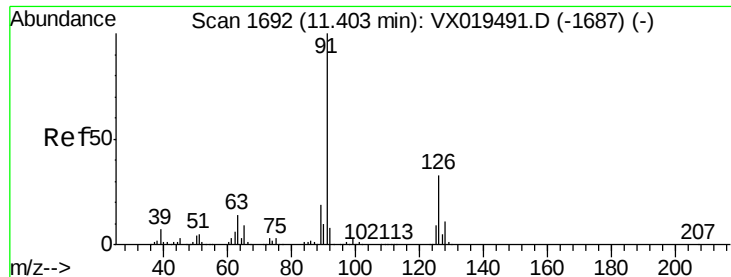
120 22.9 11.5 34.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 18.656 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX019490.D

Acq: 20 Nov 2020 10:30

Instrument :

MSVOA_X

ClientSampleId :

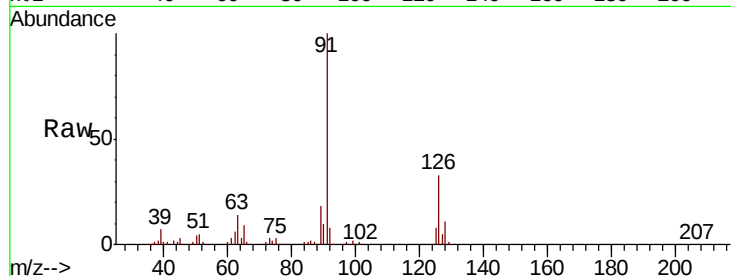
VSTDIC020

Tot Ion: 91 Resp: 172866

Ion Ratio Lower Upper

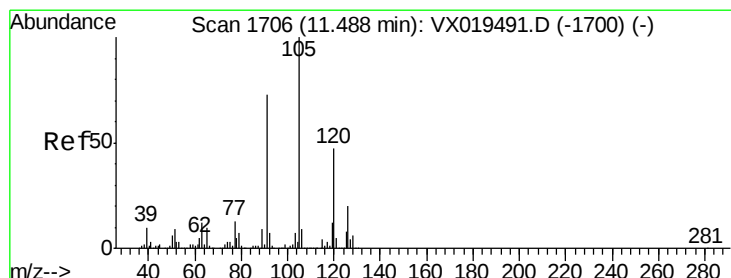
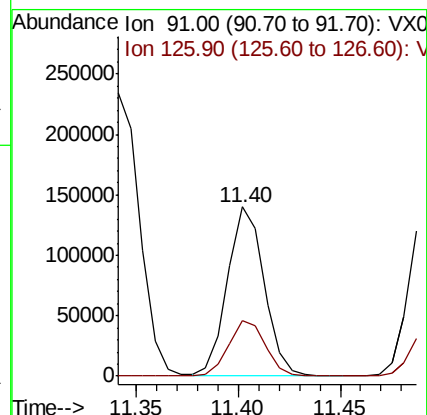
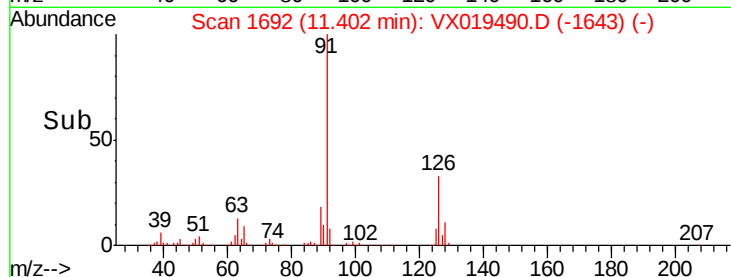
91 100

126 33.6 16.7 50.0



Abundance Ion 91.00 (90.70 to 91.70): VX019490.D (-1687) (-)

Ion 125.90 (125.60 to 126.60): VX019490.D (-1687) (-)



#80

1,3,5-Trimethylbenzene

Concen: 19.049 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.00 min

Lab File: VX019490.D

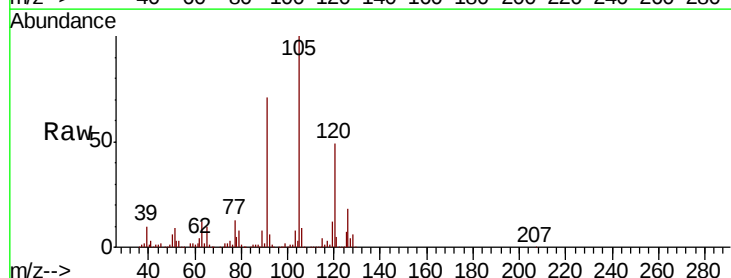
Acq: 20 Nov 2020 10:30

Tgt Ion: 105 Resp: 212821

Ion Ratio Lower Upper

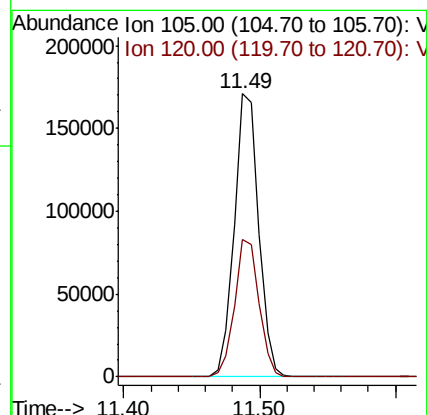
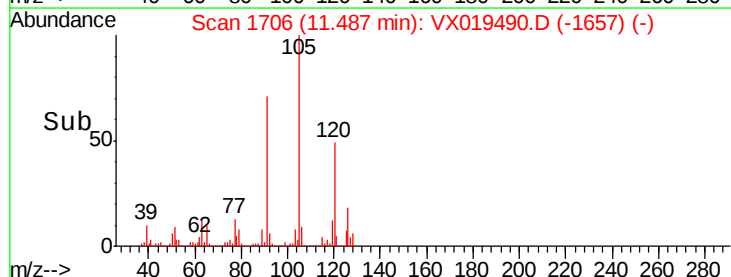
105 100

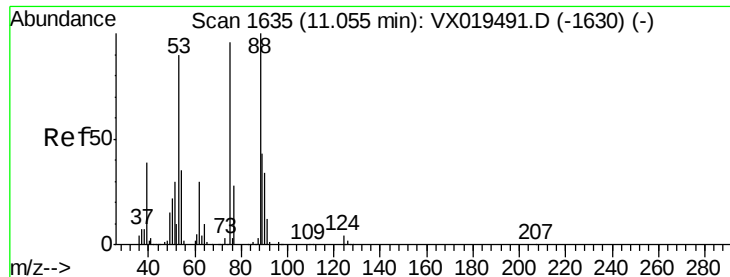
120 48.7 24.1 72.3



Abundance Ion 105.00 (104.70 to 105.70): VX019490.D (-1657) (-)

Ion 120.00 (119.70 to 120.70): VX019490.D (-1657) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 16.600 ug/l

RT: 11.05 min Scan# 1635

Delta R.T. -0.00 min

Lab File: VX019490.D

Acq: 20 Nov 2020 10:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

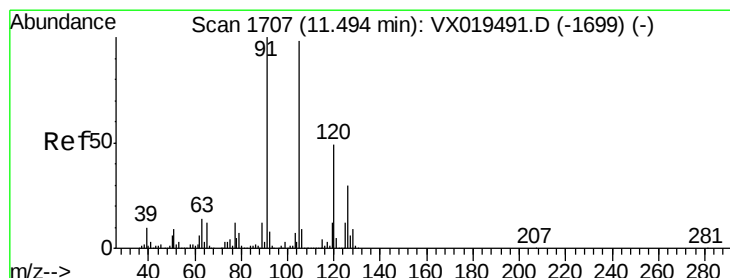
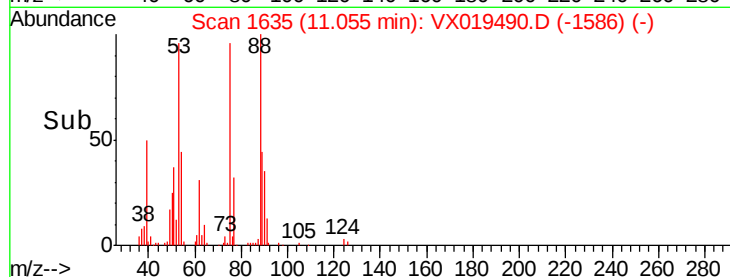
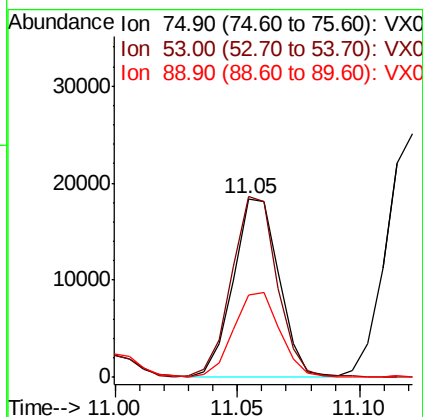
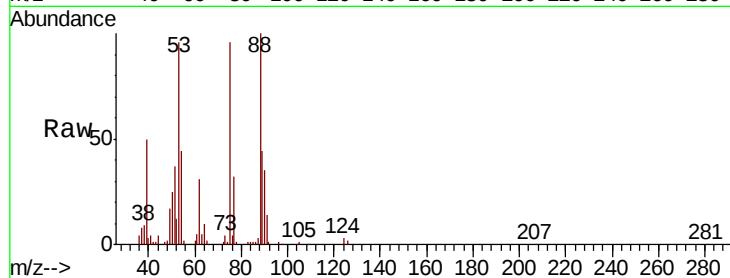
Tot Ion: 75 Resp: 23709

Ion Ratio Lower Upper

75 100

53 102.4 73.9 110.9

89 48.6 37.3 55.9



#82

4-Chlorotoluene

Concen: 18.555 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX019490.D

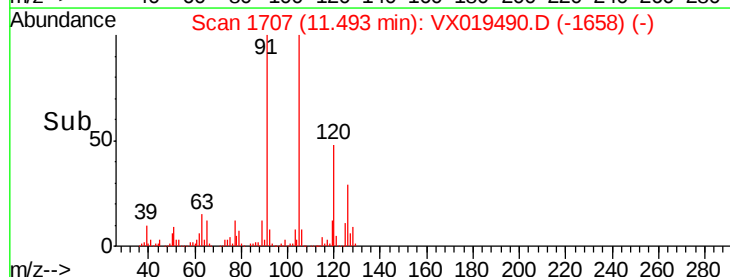
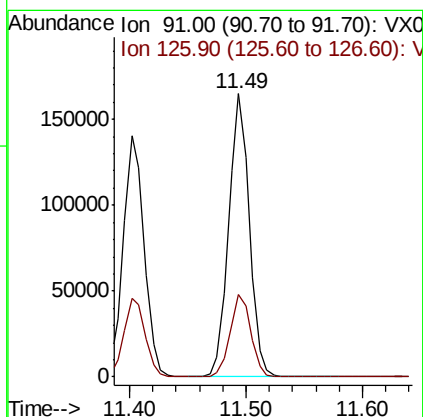
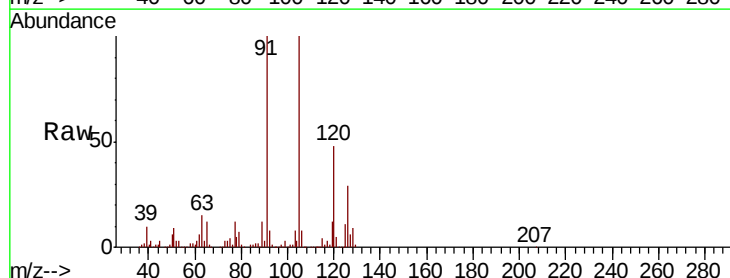
Acq: 20 Nov 2020 10:30

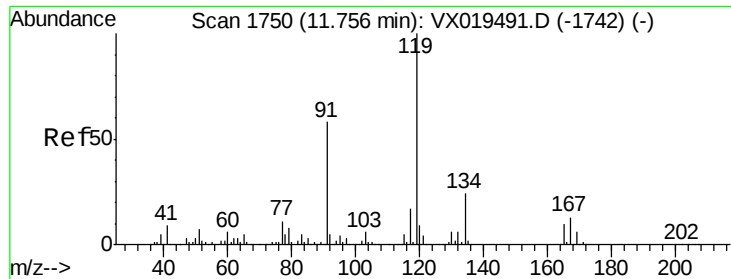
Tgt Ion: 91 Resp: 202389

Ion Ratio Lower Upper

91 100

126 29.4 14.9 44.7

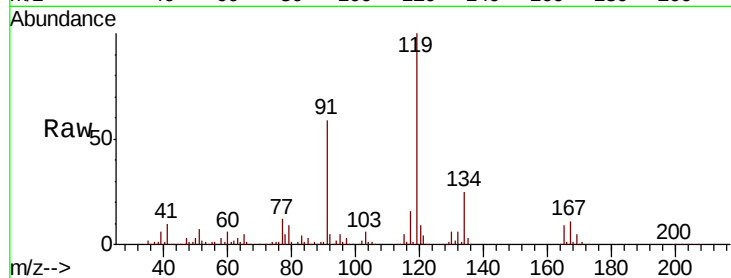




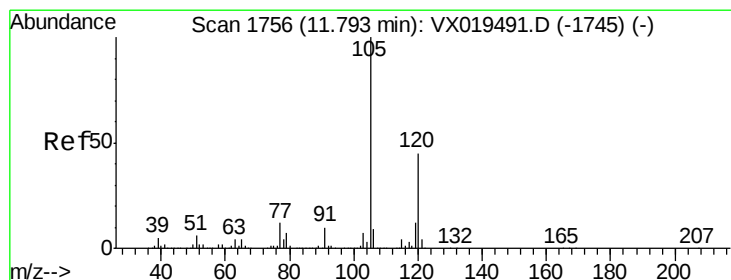
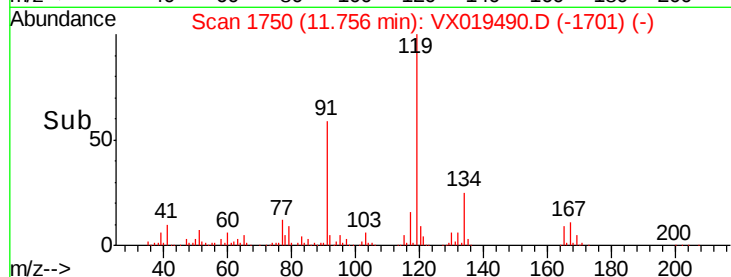
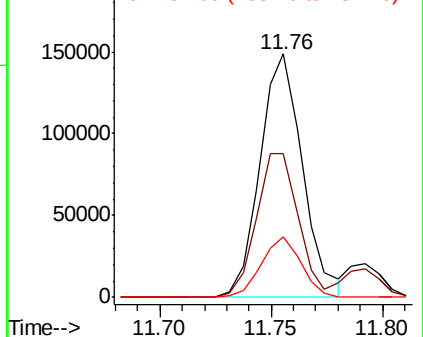
#83
tert-Butylbenzene
Concen: 18.284 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX019490.D
Acq: 20 Nov 2020 10:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion:119 Resp: 197624
Ion Ratio Lower Upper
119 100
91 58.3 28.9 86.8
134 23.4 11.7 35.0

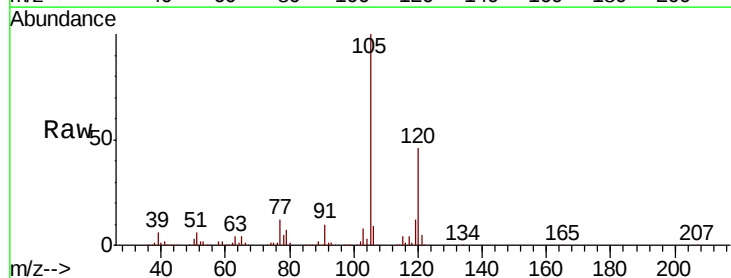


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): VX0
Ion 134.00 (133.70 to 134.70): V

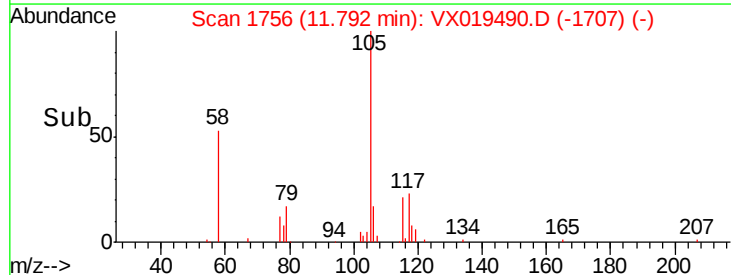
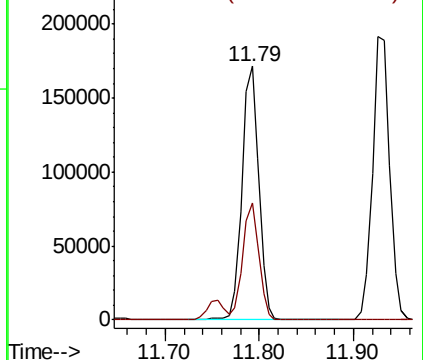


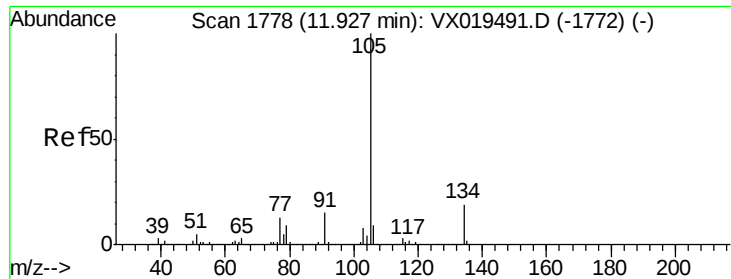
#84
1,2,4-Trimethylbenzene
Concen: 18.832 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VX019490.D
Acq: 20 Nov 2020 10:30

Tgt Ion:105 Resp: 212881
Ion Ratio Lower Upper
105 100
120 44.7 22.2 66.6



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 18.776 ug/l

RT: 11.93 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX019490.D

Acq: 20 Nov 2020 10:30

Instrument :

MSVOA_X

ClientSampleId :

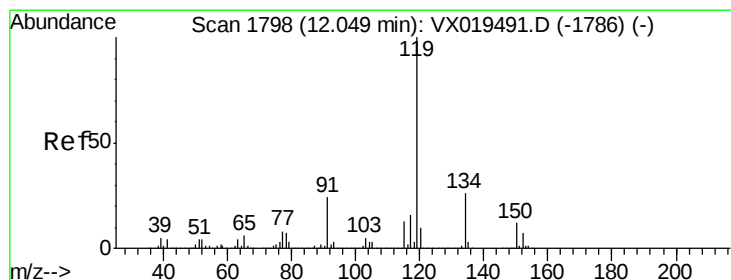
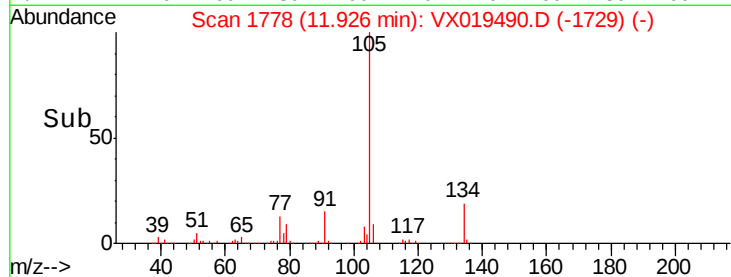
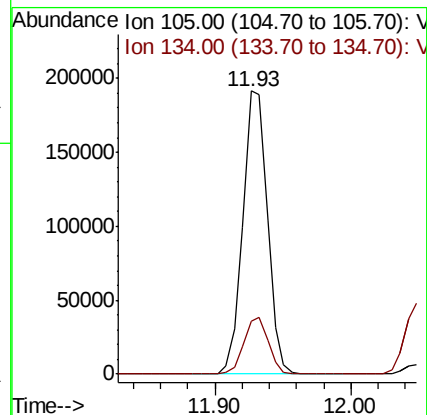
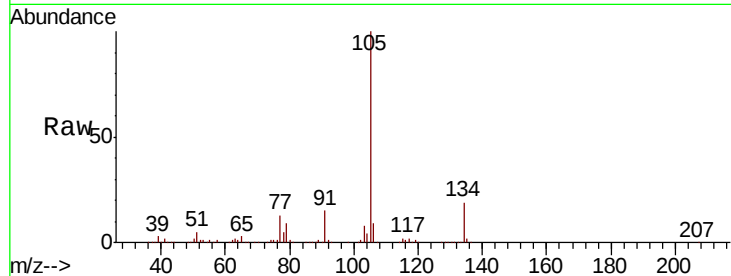
VSTDIC020

Tot Ion:105 Resp: 241435

Ion Ratio Lower Upper

105 100

134 19.7 10.1 30.3



#86

p-Isopropyltoluene

Concen: 18.668 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX019490.D

Acq: 20 Nov 2020 10:30

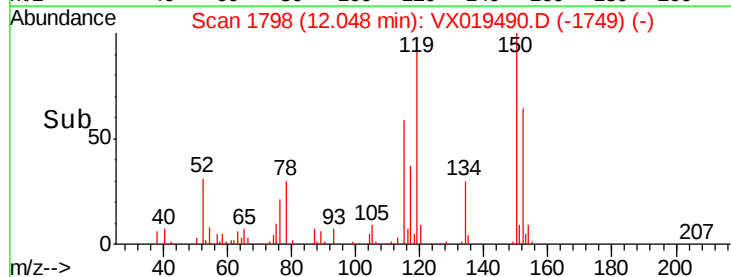
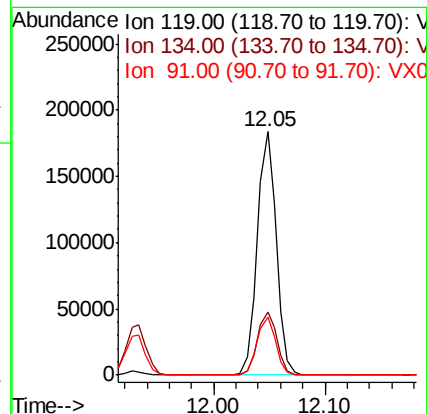
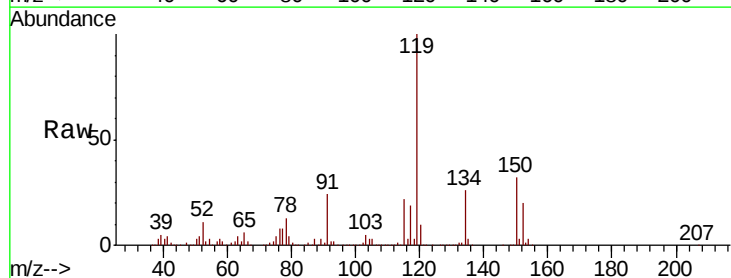
Tgt Ion:119 Resp: 217943

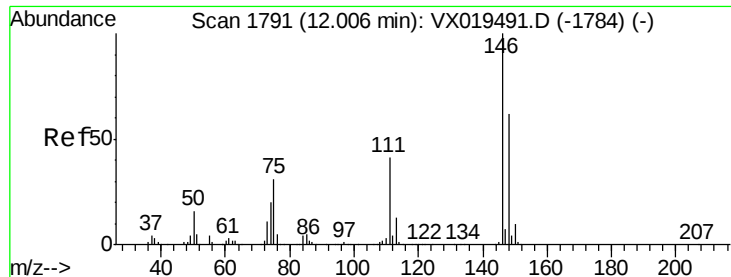
Ion Ratio Lower Upper

119 100

134 26.6 13.1 39.3

91 23.9 11.8 35.4





#87

1,3-Dichlorobenzene

Concen: 18.329 ug/l

RT: 12.01 min Scan# 1791

Delta R.T. -0.00 min

Lab File: VX019490.D

Acq: 20 Nov 2020 10:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

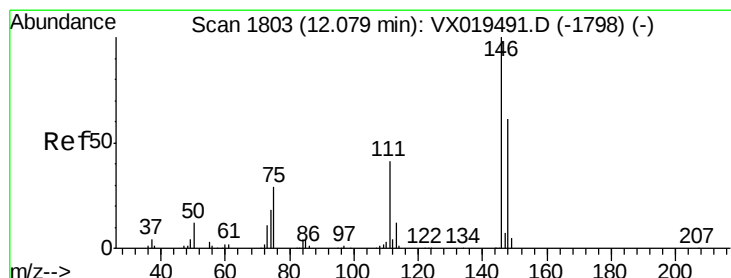
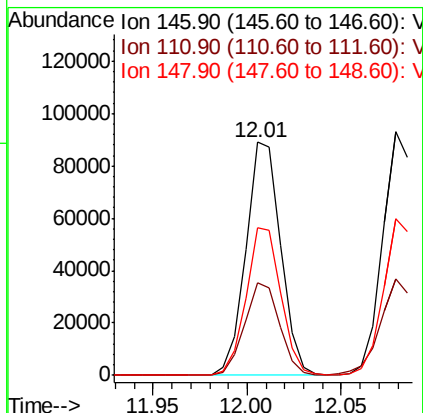
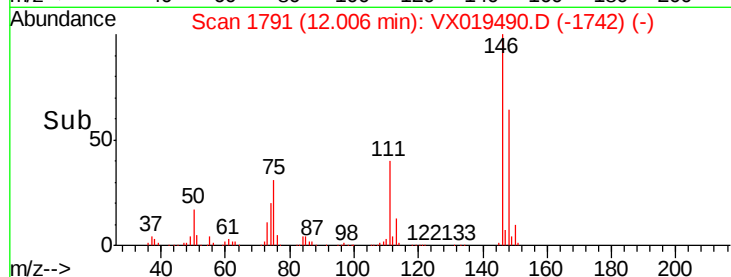
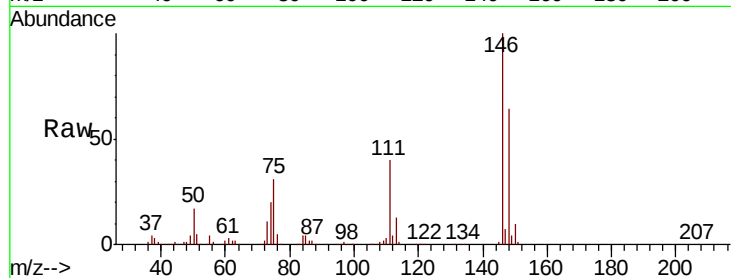
Tot Ion:146 Resp: 114444

Ion Ratio Lower Upper

146 100

111 39.6 20.2 60.6

148 63.2 31.4 94.2



#88

1,4-Dichlorobenzene

Concen: 17.993 ug/l

RT: 12.08 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VX019490.D

Acq: 20 Nov 2020 10:30

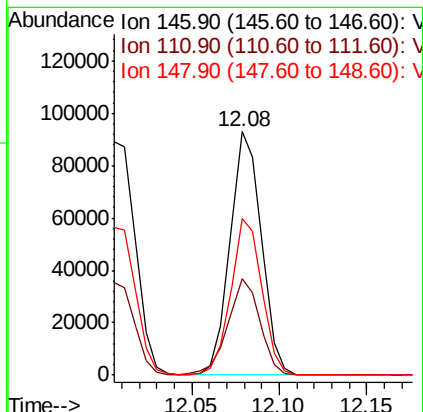
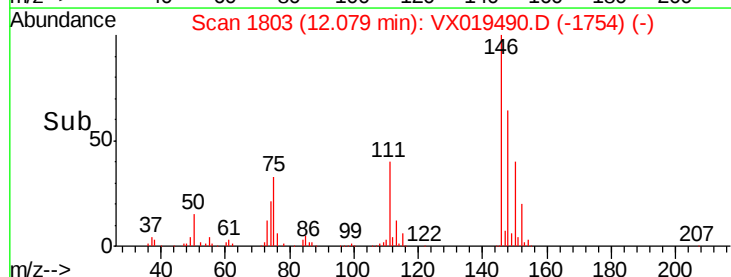
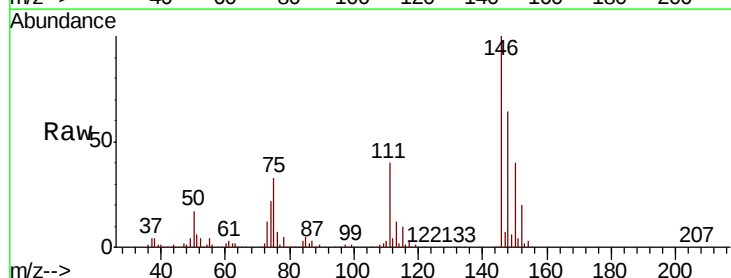
Tgt Ion:146 Resp: 115720

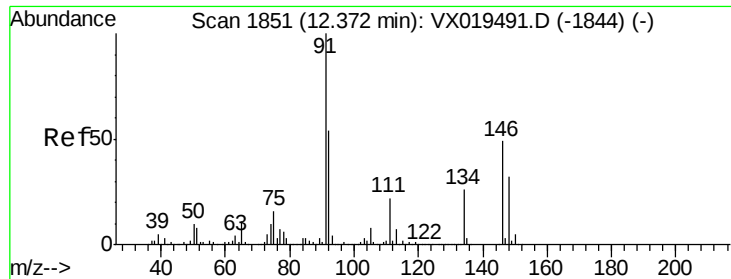
Ion Ratio Lower Upper

146 100

111 41.0 19.9 59.6

148 63.9 31.7 95.1

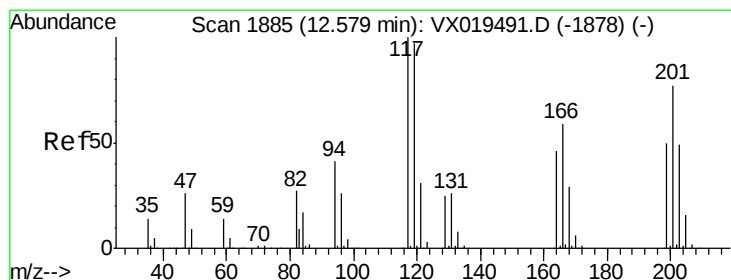
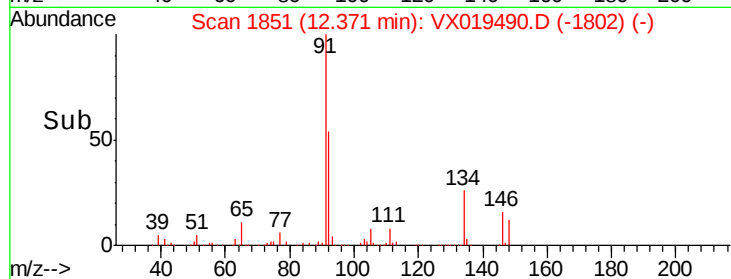
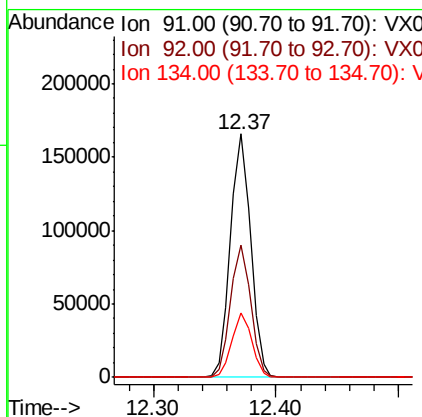
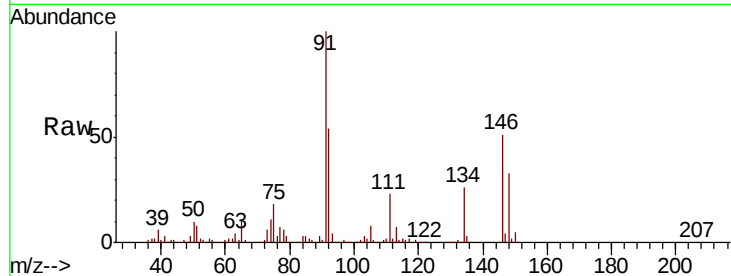




#89
n-Butylbenzene
Concen: 17.992 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX019490.D
Acq: 20 Nov 2020 10:30

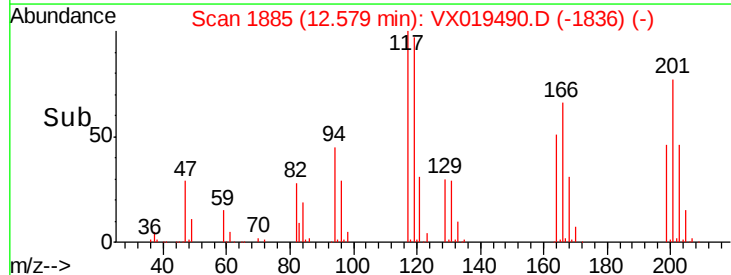
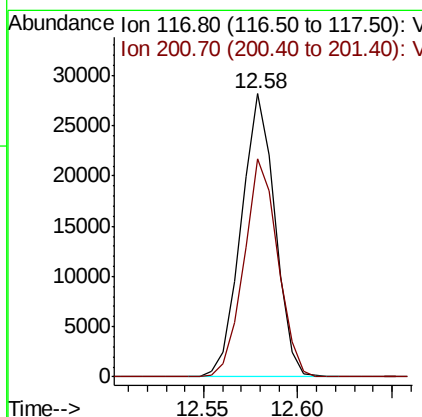
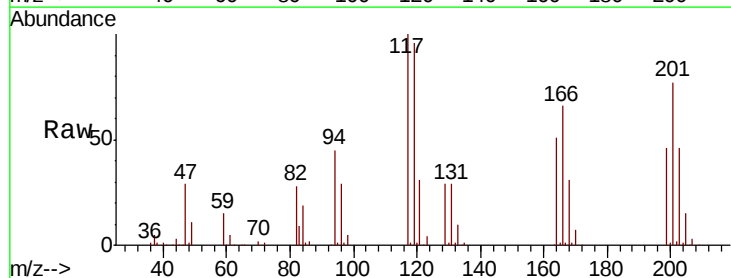
Instrument :
MSVOA_X
ClientSampled :
VSTDIC020

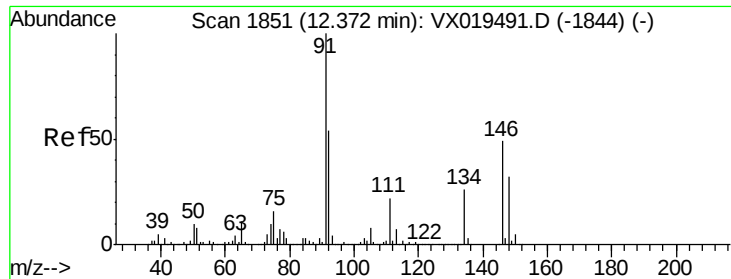
Tot Ion: 91 Resp: 189896
Ion Ratio Lower Upper
91 100
92 54.3 26.9 80.6
134 25.8 12.9 38.6



#90
Hexachloroethane
Concen: 17.925 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX019490.D
Acq: 20 Nov 2020 10:30

Tgt Ion: 117 Resp: 35017
Ion Ratio Lower Upper
117 100
201 77.5 39.4 118.2

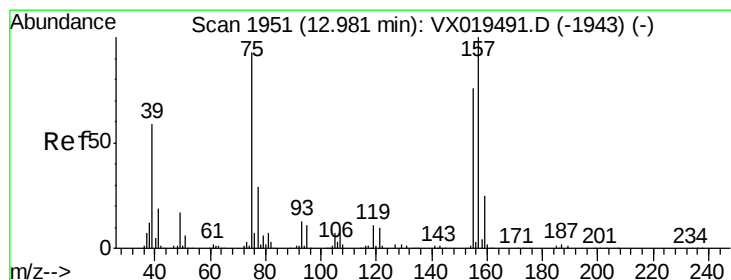
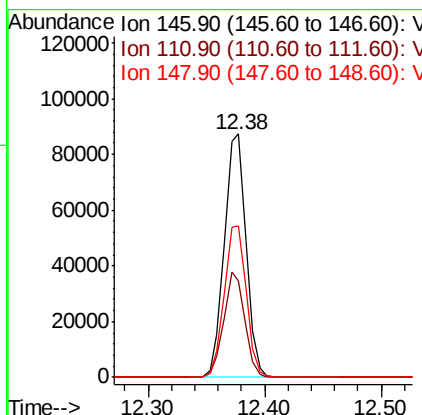
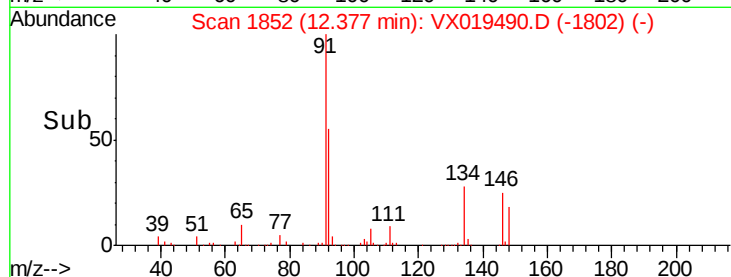
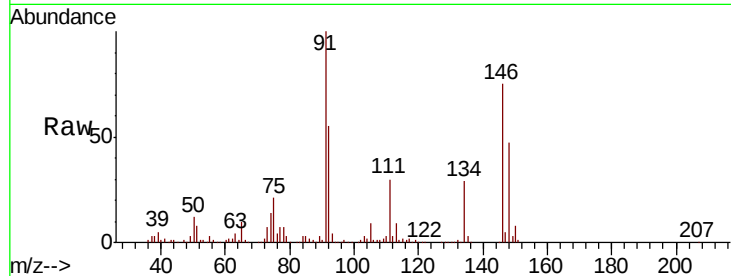




#91
 1,2-Dichlorobenzene
 Concen: 17.995 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. 0.01 min
 Lab File: VX019490.D
 Acq: 20 Nov 2020 10:30

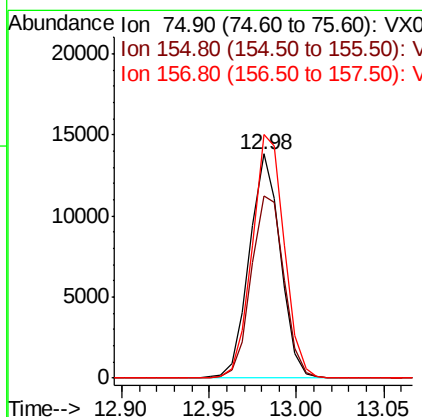
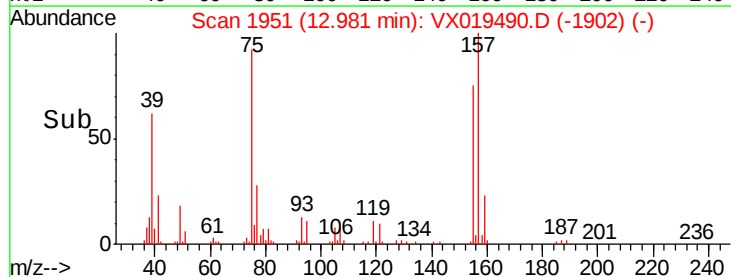
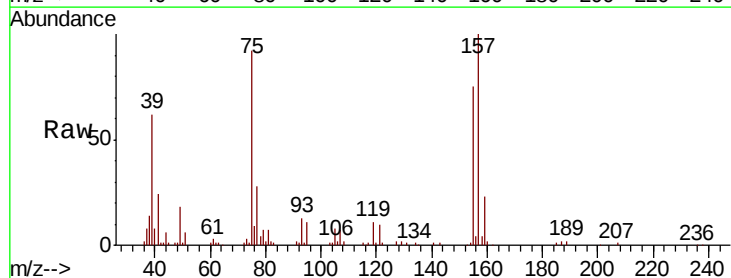
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Tot Ion:146 Resp: 112852
 Ion Ratio Lower Upper
 146 100
 111 41.6 21.1 63.3
 148 63.2 32.4 97.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.679 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX019490.D
 Acq: 20 Nov 2020 10:30

Tgt Ion: 75 Resp: 17177
 Ion Ratio Lower Upper
 75 100
 155 86.0 43.6 130.9
 157 112.3 57.0 170.8

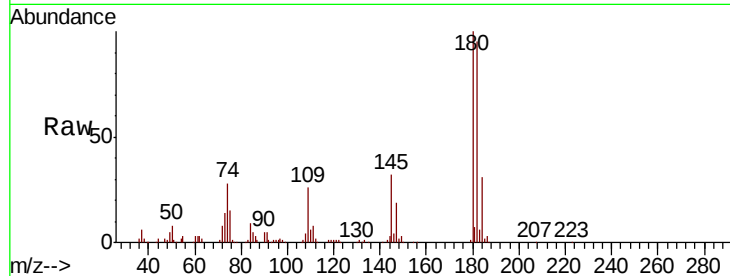




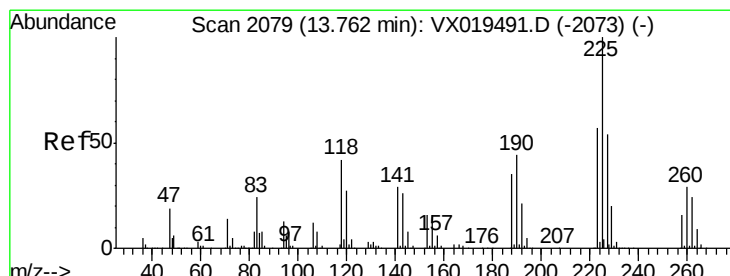
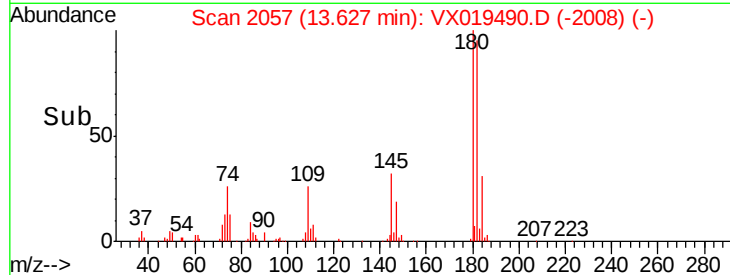
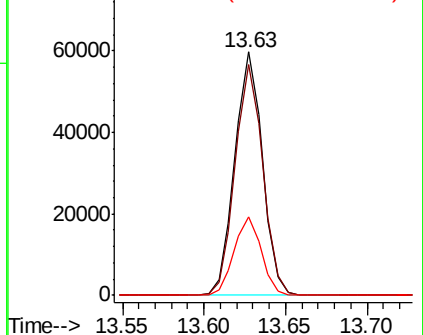
#93
 1,2,4-Trichlorobenzene
 Concen: 17.544 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX019490.D
 Acq: 20 Nov 2020 10:30

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.2	48.6	145.9
145	31.9	15.9	47.7

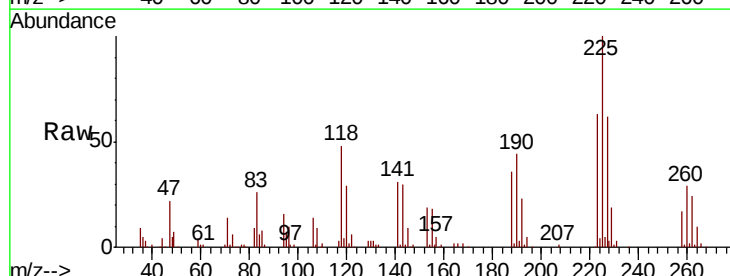


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

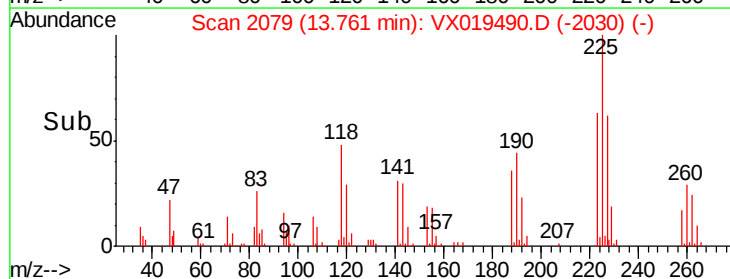
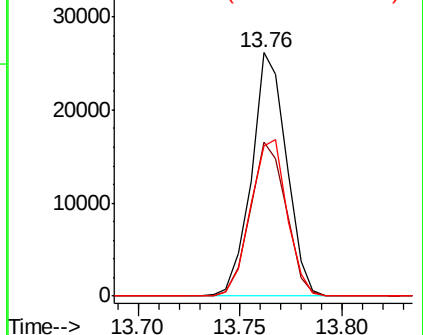


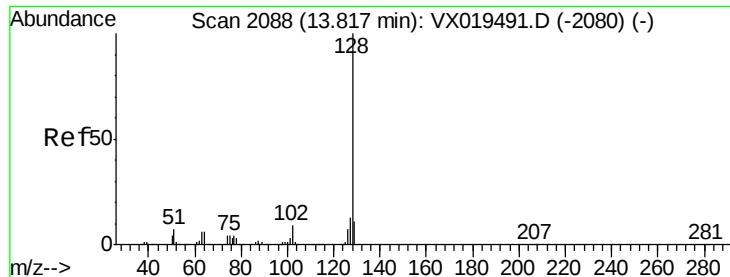
#94
 Hexachlorobutadiene
 Concen: 17.040 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. -0.00 min
 Lab File: VX019490.D
 Acq: 20 Nov 2020 10:30

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.0	32.5	97.5
227	66.9	32.8	98.3



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

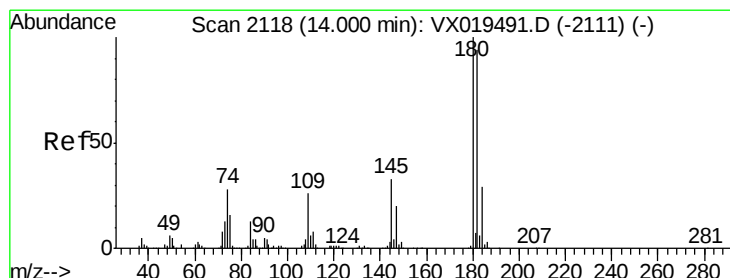
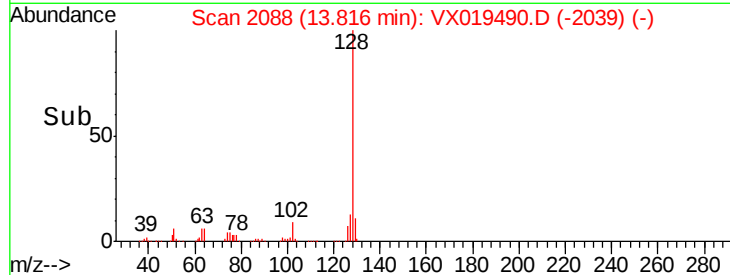
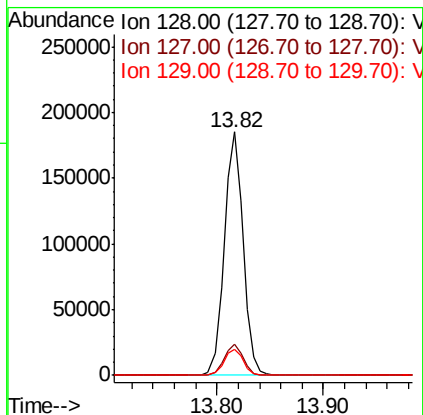
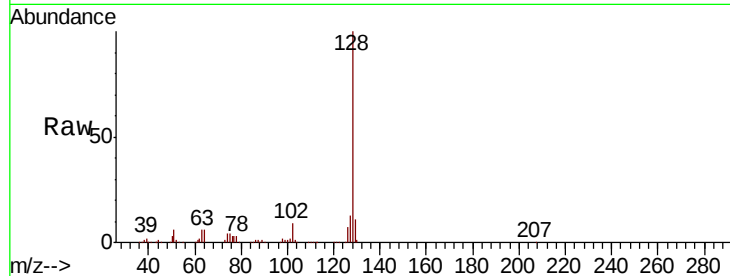




#95
Naphthalene
Concen: 18.282 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX019490.D
Acq: 20 Nov 2020 10:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion:128 Resp: 227871
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 10.9 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 17.991 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. -0.00 min
Lab File: VX019490.D
Acq: 20 Nov 2020 10:30

Tgt Ion:180 Resp: 72455
Ion Ratio Lower Upper
180 100
182 93.8 48.1 144.3
145 33.2 16.6 49.8

