

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121422\
 Data File : VX033428.D
 Acq On : 14 Dec 2022 18:58
 Operator : JC/MD
 Sample : VSTDC0050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDC0050EC

Quant Time: Dec 14 22:53:23 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120722W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 07 12:43:54 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.556	168	139678	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	218923	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	200973	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	101340	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	40960	45.710	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	91.420%
35) Dibromofluoromethane	5.385	113	49287	50.054	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.100%
50) Toluene-d8	8.647	98	102785	49.898	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.800%
62) 4-Bromofluorobenzene	11.079	95	82335	52.276	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	104.560%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.166	85	46387	47.541	ug/l	99
3) Chloromethane	1.294	50	48068	42.608	ug/l	98
4) Vinyl Chloride	1.374	62	56990	44.242	ug/l	100
5) Bromomethane	1.617	94	42083	44.518	ug/l	98
6) Chloroethane	1.691	64	43952	44.984	ug/l	100
7) Trichlorofluoromethane	1.892	101	84907	35.109	ug/l	99
8) Diethyl Ether	2.136	74	29239	33.474	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.331	101	46261	36.061	ug/l	98
10) Methyl Iodide	2.453	142	52174	37.134	ug/l	95
11) Tert butyl alcohol	3.007	59	37203	135.796	ug/l #	72
12) 1,1-Dichloroethene	2.325	96	43675	34.490	ug/l	92
13) Acrolein	2.239	56	49584	166.879	ug/l	100
14) Allyl chloride	2.666	41	63584	31.443	ug/l	95
15) Acrylonitrile	3.068	53	110227	162.424	ug/l	98
16) Acetone	2.392	43	88821	133.953	ug/l	92
17) Carbon Disulfide	2.514	76	100726	30.992	ug/l	99
18) Methyl Acetate	2.703	43	63662	33.166	ug/l	97
19) Methyl tert-butyl Ether	3.111	73	147930	33.726	ug/l	100
20) Methylene Chloride	2.794	84	47952	32.427	ug/l	94
21) trans-1,2-Dichloroethene	3.093	96	48128	34.745	ug/l	95
22) Diisopropyl ether	3.763	45	144964	33.459	ug/l	99
23) Vinyl Acetate	3.721	43	570277	169.582	ug/l	98
24) 1,1-Dichloroethane	3.611	63	83995	32.995	ug/l	99
25) 2-Butanone	4.562	43	159140	167.200	ug/l	99
26) 2,2-Dichloropropane	4.477	77	64699	34.560	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	58358	35.252	ug/l	94
28) Bromochloromethane	4.897	49	53029	49.763	ug/l	93
29) Tetrahydrofuran	5.007	42	143632	232.916	ug/l	96
30) Chloroform	5.098	83	142943	50.579	ug/l	99
31) Cyclohexane	5.470	56	104559	49.098	ug/l	93
32) 1,1,1-Trichloroethane	5.385	97	125843	51.753	ug/l	98
36) 1,1-Dichloropropene	5.690	75	99094	51.617	ug/l	99
37) Ethyl Acetate	4.714	43	89312	49.215	ug/l	100
38) Carbon Tetrachloride	5.678	117	109805	51.050	ug/l	98
39) Methylcyclohexane	7.379	83	111259	51.777	ug/l	98
40) Benzene	6.037	78	289608	51.739	ug/l	100

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 ClientSampleId :
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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	50152	50.152	ug/l	97
42) 1,2-Dichloroethane	6.086	62	109364	49.202	ug/l	97
43) Isopropyl Acetate	6.336	43	147358	50.467	ug/l	97
44) Trichloroethene	7.129	130	81354	52.715	ug/l	98
45) 1,2-Dichloropropane	7.433	63	74006	51.698	ug/l	100
46) Dibromomethane	7.580	93	55294	50.705	ug/l	97
47) Bromodichloromethane	7.824	83	108779	51.173	ug/l	100
48) Methyl methacrylate	7.689	41	75478	50.086	ug/l	92
49) 1,4-Dioxane	7.702	88	34278	997.498	ug/l	97
51) 4-Methyl-2-Pentanone	8.573	43	464816	251.726	ug/l	96
52) Toluene	8.720	92	192873	53.294	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	111225	48.771	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	121875	53.879	ug/l #	90
55) 1,1,2-Trichloroethane	9.153	97	80948	53.210	ug/l	98
56) Ethyl methacrylate	9.116	69	114883	53.635	ug/l #	91
57) 1,3-Dichloropropane	9.311	76	127953	52.357	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	259702	264.984	ug/l	96
59) 2-Hexanone	9.433	43	340739	250.403	ug/l	94
60) Dibromochloromethane	9.518	129	88343	52.706	ug/l	100
61) 1,2-Dibromoethane	9.610	107	86372	53.376	ug/l	98
64) Tetrachloroethene	9.275	164	69572	50.626	ug/l	98
65) Chlorobenzene	10.079	112	210847	51.809	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	81183	52.786	ug/l	99
67) Ethyl Benzene	10.195	91	374134	52.769	ug/l	98
68) m/p-Xylenes	10.305	106	294918	106.912	ug/l	97
69) o-Xylene	10.640	106	144060	52.834	ug/l	96
70) Styrene	10.658	104	240756	53.913	ug/l	98
71) Bromoform	10.799	173	63261	51.965	ug/l #	99
73) Isopropylbenzene	10.963	105	375632	51.140	ug/l	99
74) N-amyl acetate	10.841	43	131500	52.473	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	115200	49.437	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	123525	59.912	ug/l	88
77) Bromobenzene	11.201	156	94048	50.705	ug/l	98
78) n-propylbenzene	11.305	91	427297	52.099	ug/l	99
79) 2-Chlorotoluene	11.366	91	256064	50.519	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	317025	51.851	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	31788	47.960	ug/l	94
82) 4-Chlorotoluene	11.457	91	294825	50.023	ug/l	97
83) tert-Butylbenzene	11.713	119	317727	52.112	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	314344	51.504	ug/l	99
85) sec-Butylbenzene	11.890	105	374772	52.684	ug/l	99
86) p-Isopropyltoluene	12.012	119	319339	52.069	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	172074	51.214	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	173894	50.669	ug/l	98
89) n-Butylbenzene	12.335	91	266512	53.056	ug/l	99
90) Hexachloroethane	12.542	117	51756	49.647	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	171330	51.004	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	23271	46.234	ug/l	91
93) 1,2,4-Trichlorobenzene	13.585	180	106907	52.697	ug/l	97
94) Hexachlorobutadiene	13.725	225	43614	53.686	ug/l	99
95) Naphthalene	13.774	128	356850	52.733	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	106272	51.722	ug/l	100

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Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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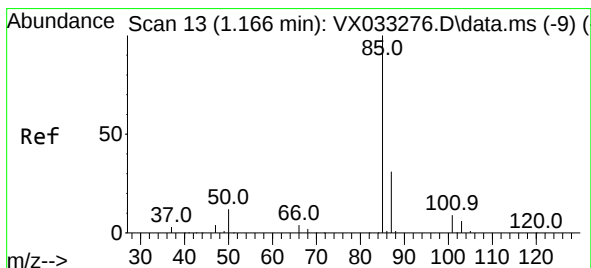
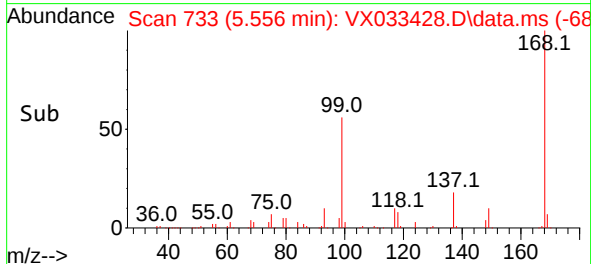
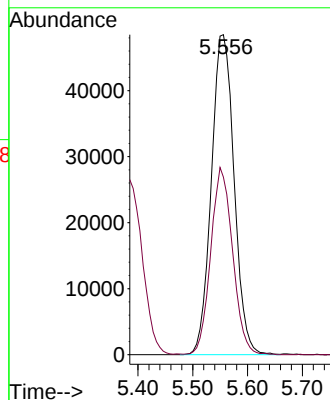
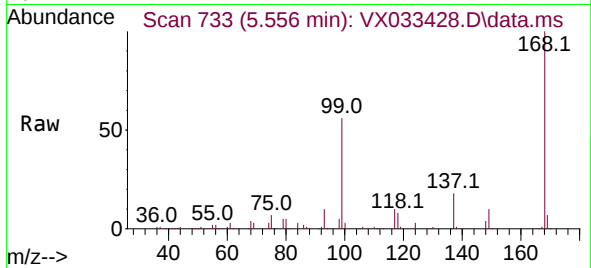
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX033428.D
Acq: 14 Dec 2022 18:58

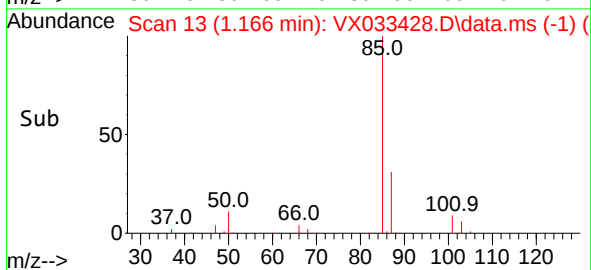
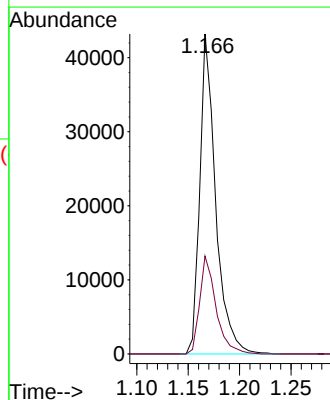
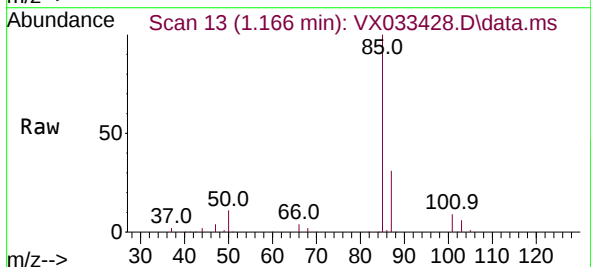
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ClientSampleId :
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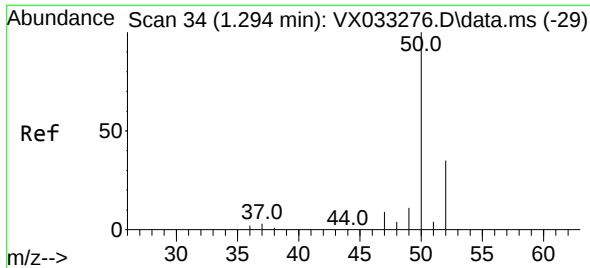
Tgt Ion:168 Resp: 139678
Ion Ratio Lower Upper
168 100
99 55.5 46.1 69.1



#2
Dichlorodifluoromethane
Concen: 47.541 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX033428.D
Acq: 14 Dec 2022 18:58

Tgt Ion: 85 Resp: 46387
Ion Ratio Lower Upper
85 100
87 30.6 15.6 46.7

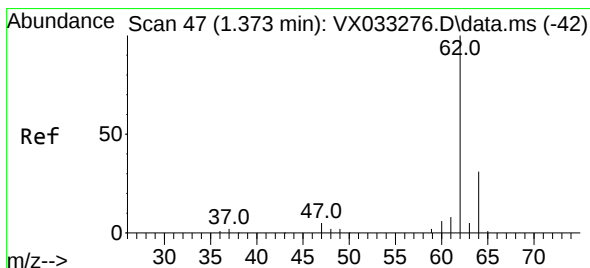
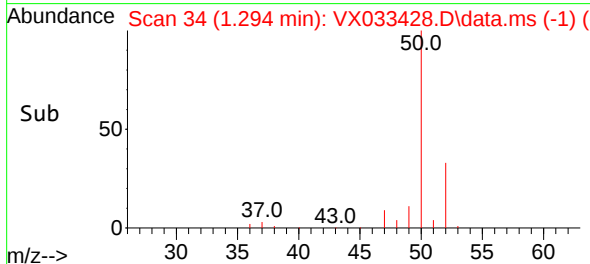
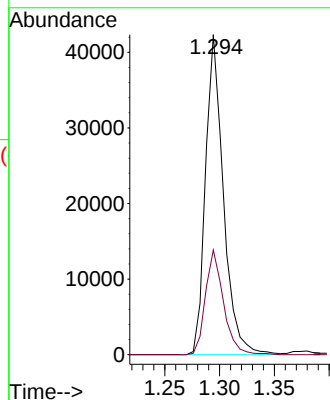
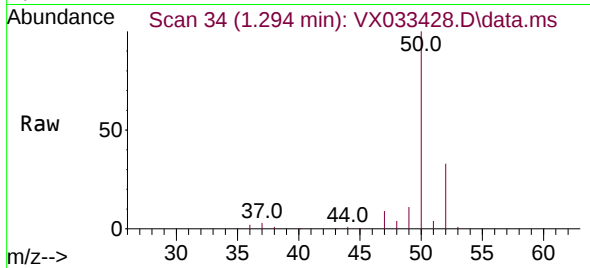




#3
Chloromethane
Concen: 42.608 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX033428.D
Acq: 14 Dec 2022 18:58

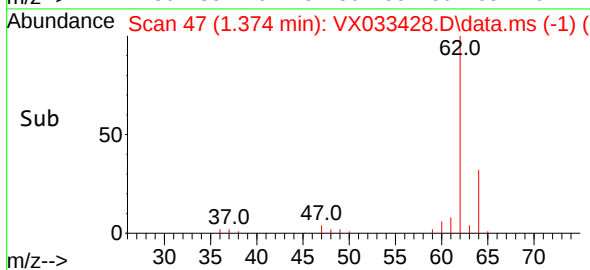
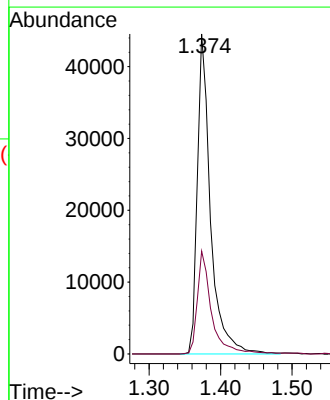
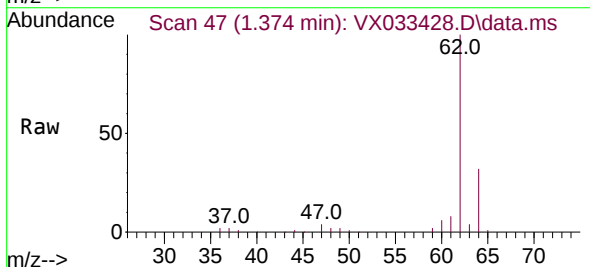
Instrument :
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ClientSampleId :
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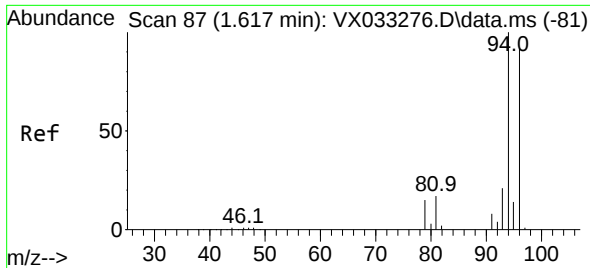
Tgt Ion: 50 Resp: 48068
Ion Ratio Lower Upper
50 100
52 32.7 25.4 38.2



#4
Vinyl Chloride
Concen: 44.242 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX033428.D
Acq: 14 Dec 2022 18:58

Tgt Ion: 62 Resp: 56990
Ion Ratio Lower Upper
62 100
64 32.2 25.8 38.6

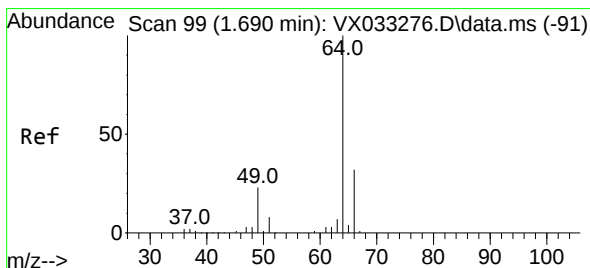
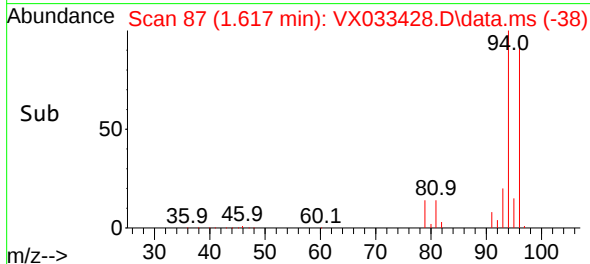
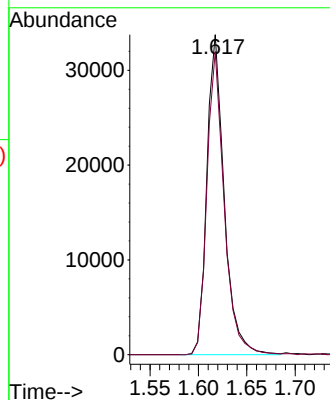
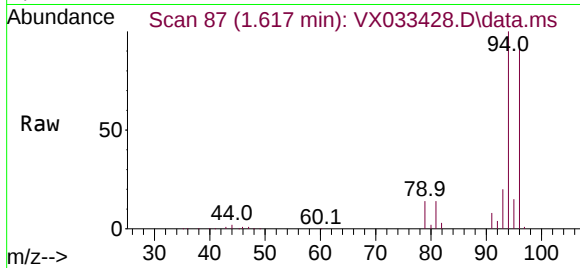




#5
Bromomethane
Concen: 44.518 ug/l
RT: 1.617 min Scan# 81
Delta R.T. 0.000 min
Lab File: VX033428.D
Acq: 14 Dec 2022 18:58

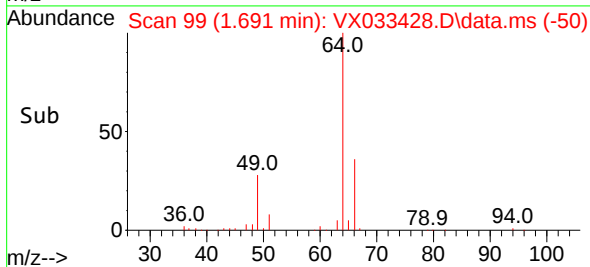
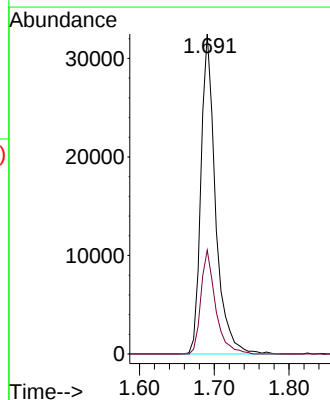
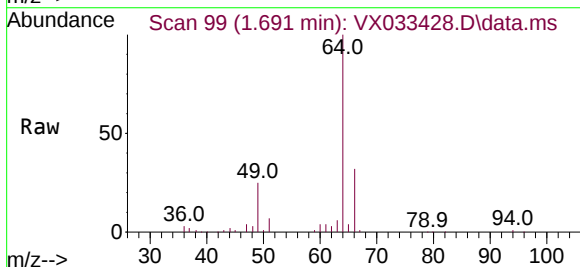
Instrument :
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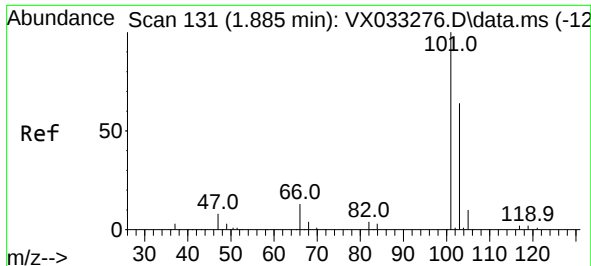
Tgt Ion: 94 Resp: 42083
Ion Ratio Lower Upper
94 100
96 94.8 77.6 116.4



#6
Chloroethane
Concen: 44.984 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.000 min
Lab File: VX033428.D
Acq: 14 Dec 2022 18:58

Tgt Ion: 64 Resp: 43952
Ion Ratio Lower Upper
64 100
66 32.4 26.0 39.0

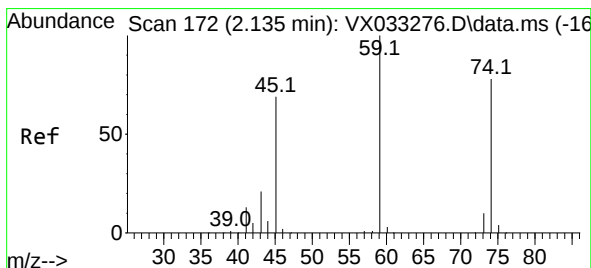
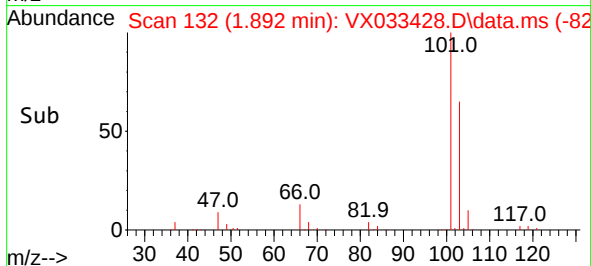
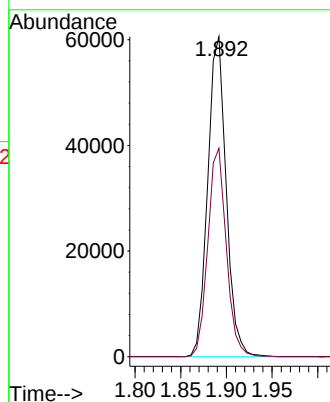
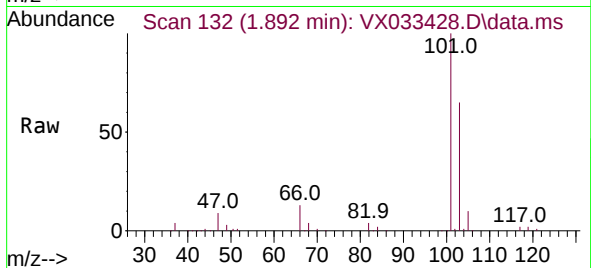




#7
Trichlorofluoromethane
Concen: 35.109 ug/l
RT: 1.892 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX033428.D
Acq: 14 Dec 2022 18:58

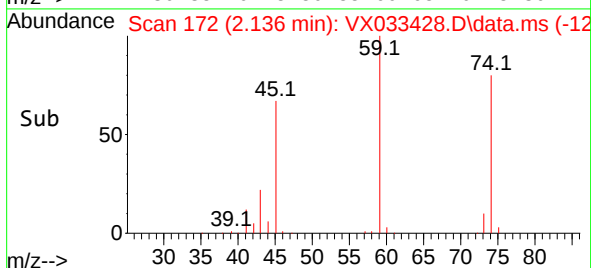
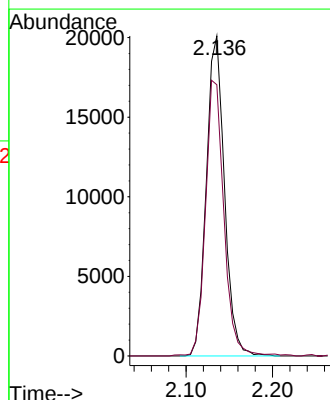
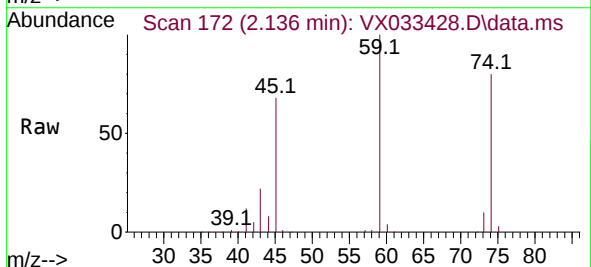
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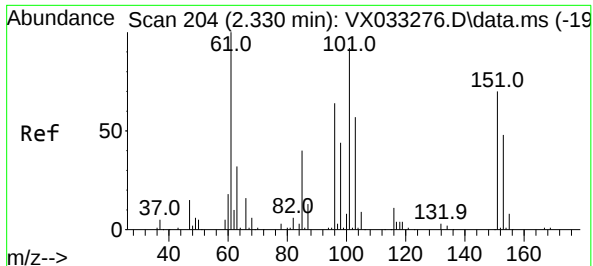
Tgt Ion:101 Resp: 84907
Ion Ratio Lower Upper
101 100
103 65.1 51.4 77.2



#8
Diethyl Ether
Concen: 33.474 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.000 min
Lab File: VX033428.D
Acq: 14 Dec 2022 18:58

Tgt Ion: 74 Resp: 29239
Ion Ratio Lower Upper
74 100
45 87.7 46.6 139.7

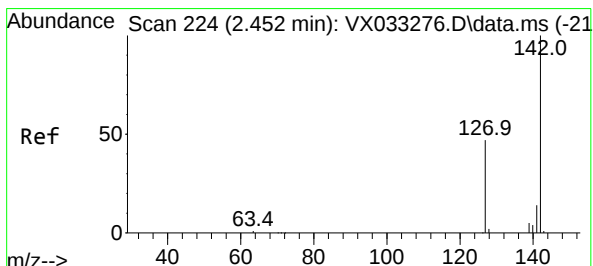
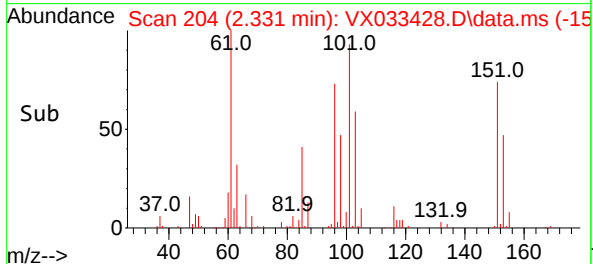
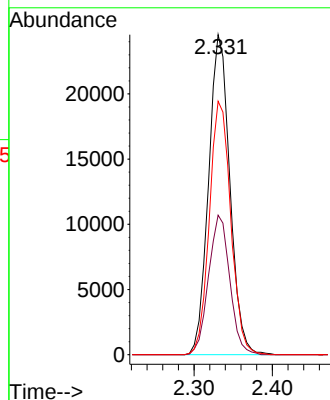
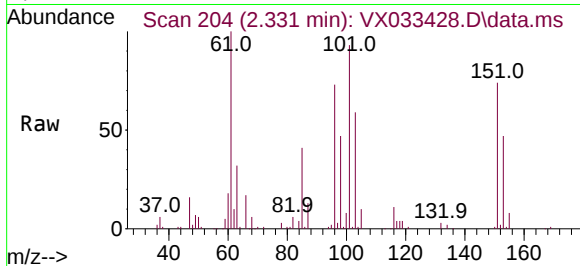




#9
1,1,2-Trichlorotrifluoroethane
Concen: 36.061 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
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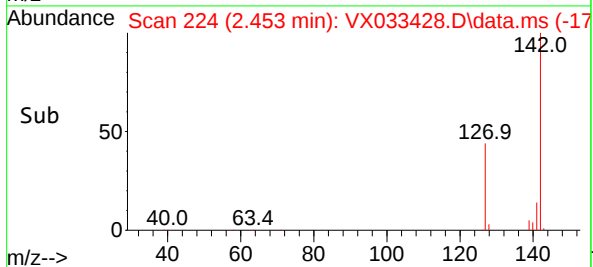
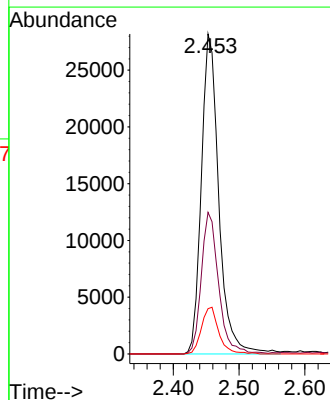
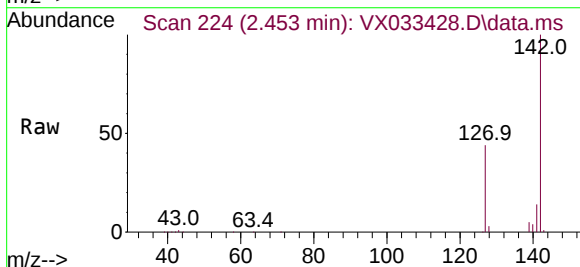
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

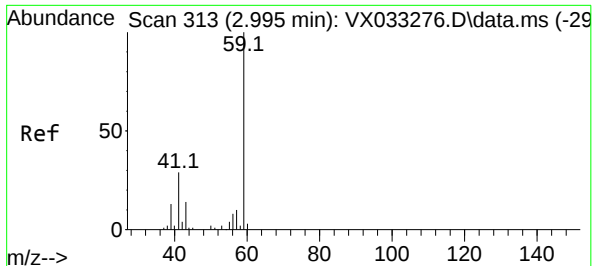
Tgt Ion:101 Resp: 46261
Ion Ratio Lower Upper
101 100
85 43.4 37.0 55.4
151 79.8 64.4 96.6



#10
Methyl Iodide
Concen: 37.134 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.000 min
Lab File: VX033428.D
Acq: 14 Dec 2022 18:58

Tgt Ion:142 Resp: 52174
Ion Ratio Lower Upper
142 100
127 43.8 38.6 57.8
141 14.5 11.4 17.2





#11

Tert butyl alcohol

Concen: 135.796 ug/l

RT: 3.007 min Scan# 31

Delta R.T. 0.012 min

Lab File: VX033428.D

Acq: 14 Dec 2022 18:58

Instrument :

MSVOA_X

ClientSampleId :

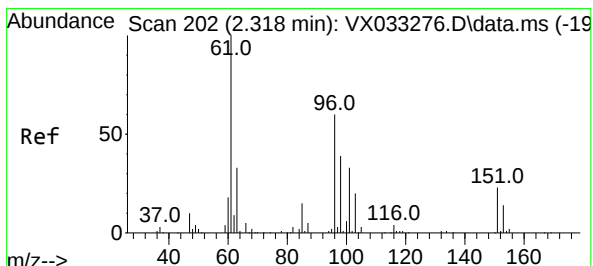
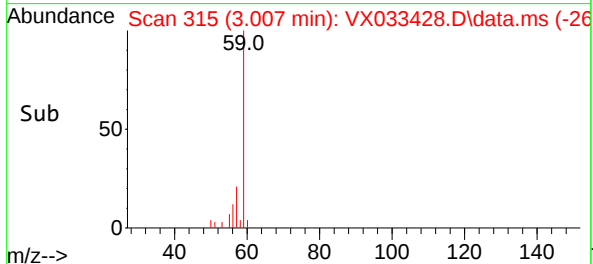
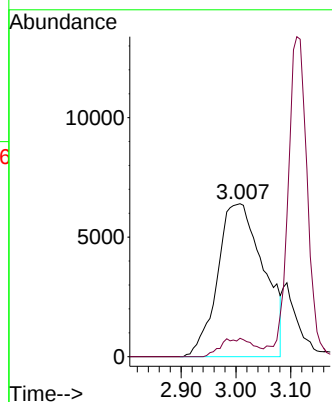
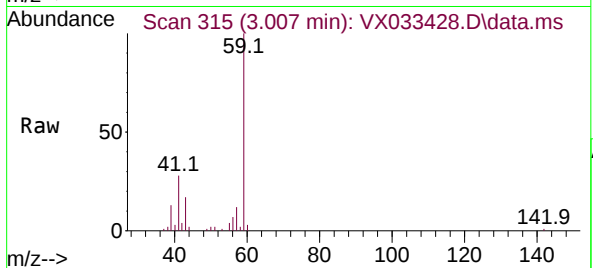
VSTDCCC050EC

Tgt Ion: 59 Resp: 37203

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.4#



#12

1,1-Dichloroethene

Concen: 34.490 ug/l

RT: 2.325 min Scan# 203

Delta R.T. 0.006 min

Lab File: VX033428.D

Acq: 14 Dec 2022 18:58

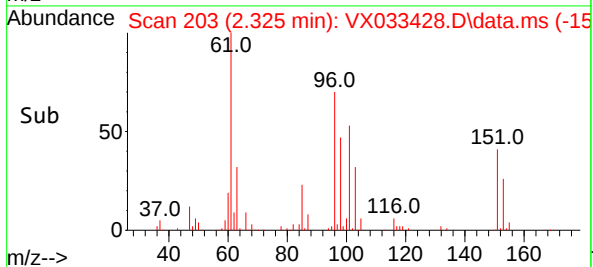
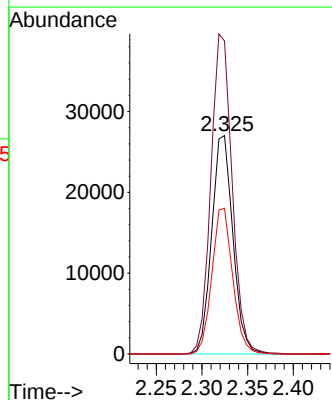
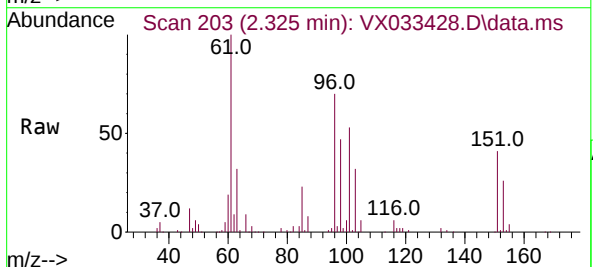
Tgt Ion: 96 Resp: 43675

Ion Ratio Lower Upper

96 100

61 143.3 125.1 187.7

98 66.8 50.6 76.0

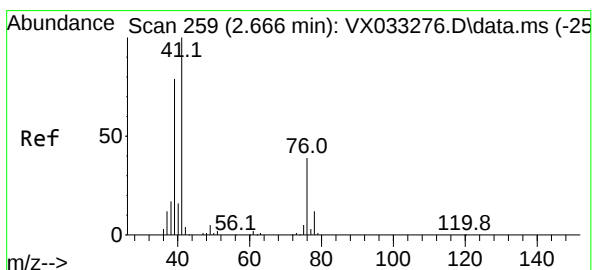
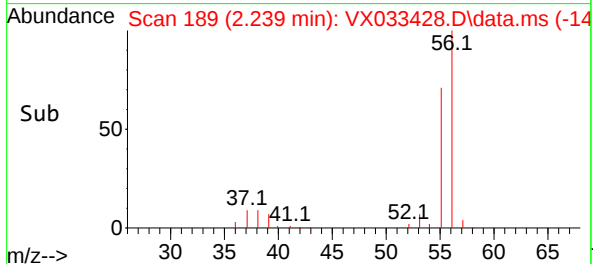
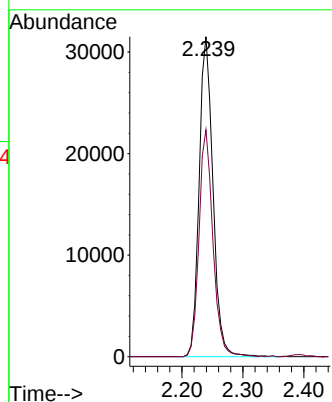
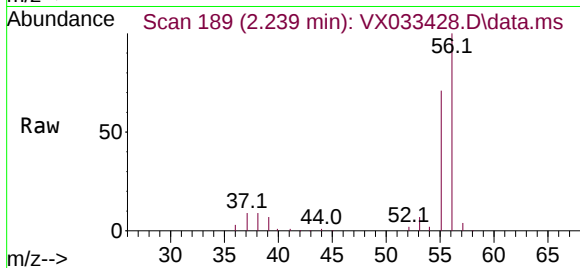




#13
Acrolein
Concen: 166.879 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX033428.D
Acq: 14 Dec 2022 18:58

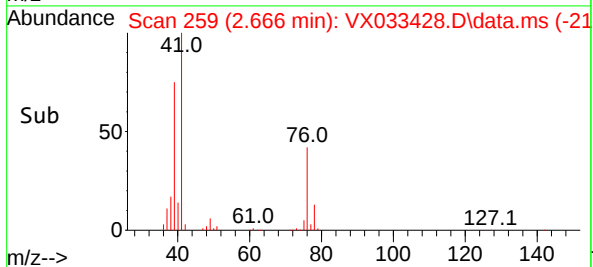
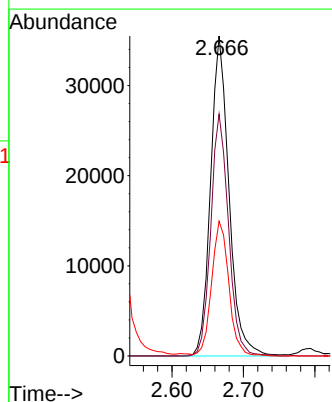
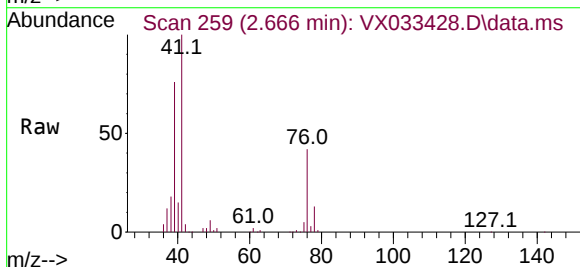
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

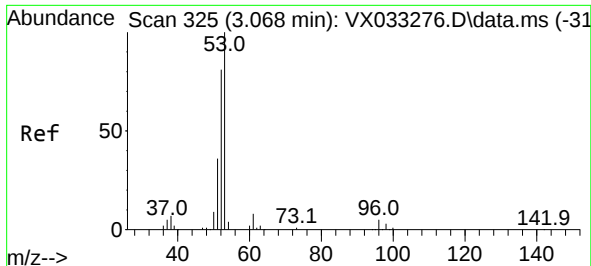
Tgt Ion: 56 Resp: 49584
Ion Ratio Lower Upper
56 100
55 71.5 56.9 85.3



#14
Allyl chloride
Concen: 31.443 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.000 min
Lab File: VX033428.D
Acq: 14 Dec 2022 18:58

Tgt Ion: 41 Resp: 63584
Ion Ratio Lower Upper
41 100
39 72.7 61.4 92.2
76 39.4 29.2 43.8

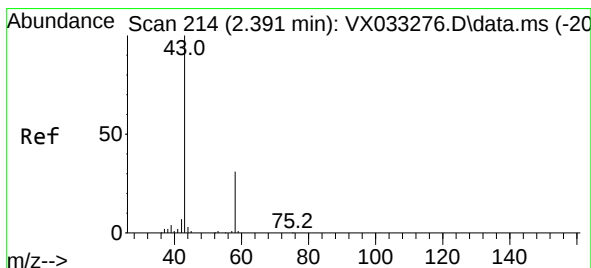
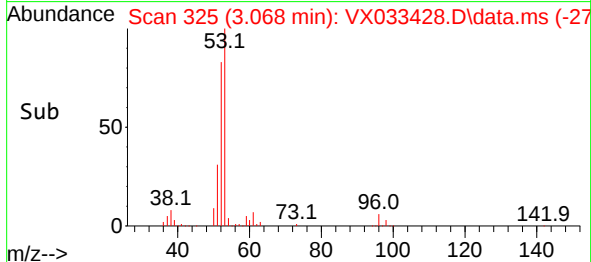
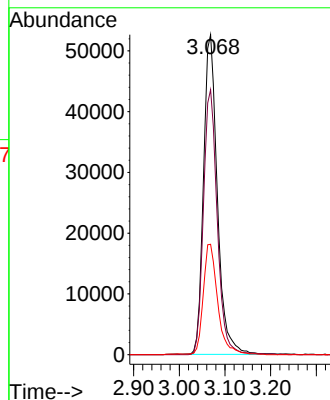
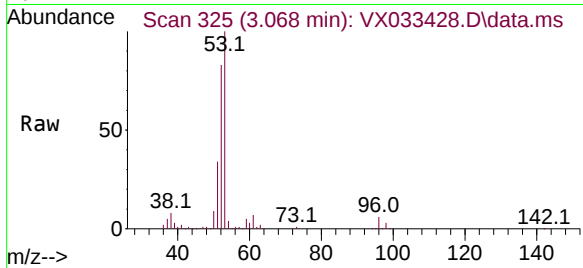




#15
Acrylonitrile
Concen: 162.424 ug/l
RT: 3.068 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX033428.D
Acq: 14 Dec 2022 18:58

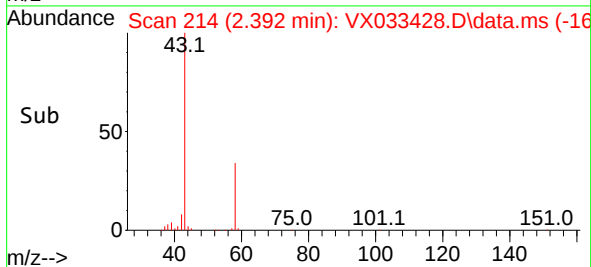
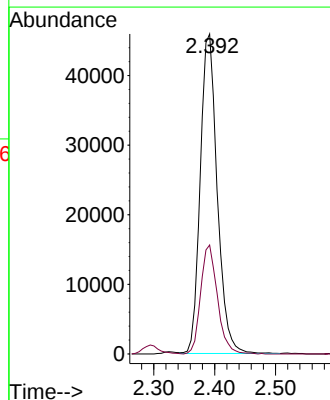
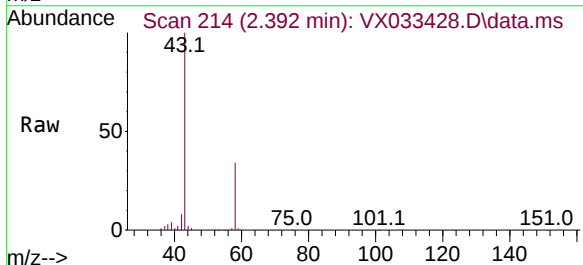
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

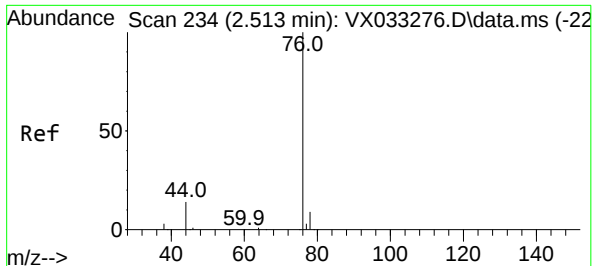
Tgt Ion: 53 Resp: 110227
Ion Ratio Lower Upper
53 100
52 82.8 67.4 101.0
51 36.2 30.3 45.5



#16
Acetone
Concen: 133.953 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.000 min
Lab File: VX033428.D
Acq: 14 Dec 2022 18:58

Tgt Ion: 43 Resp: 88821
Ion Ratio Lower Upper
43 100
58 34.1 23.8 35.8





#17

Carbon Disulfide

Concen: 30.992 ug/l

RT: 2.514 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX033428.D

Acq: 14 Dec 2022 18:58

Instrument :

MSVOA_X

ClientSampleId :

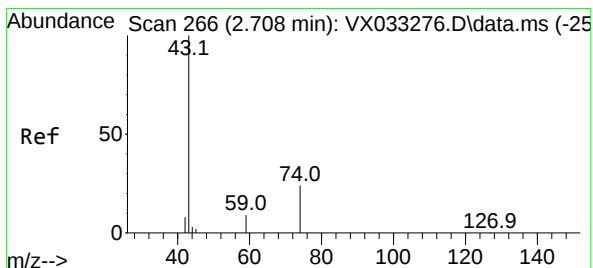
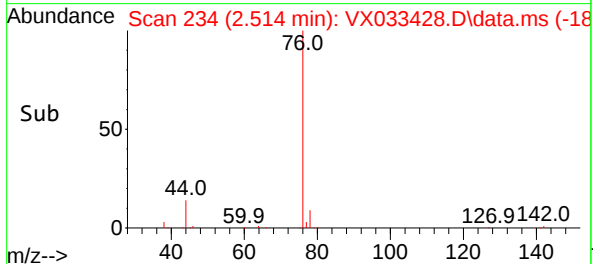
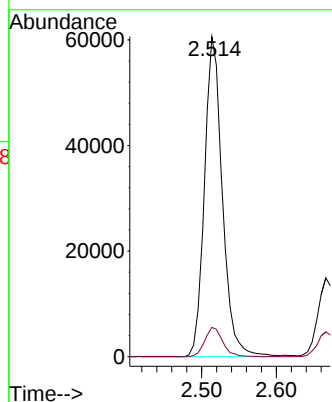
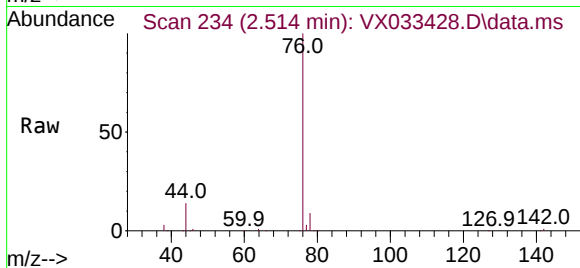
VSTDCCC050EC

Tgt Ion: 76 Resp: 100726

Ion Ratio Lower Upper

76 100

78 9.2 7.5 11.3



#18

Methyl Acetate

Concen: 33.166 ug/l

RT: 2.703 min Scan# 265

Delta R.T. -0.006 min

Lab File: VX033428.D

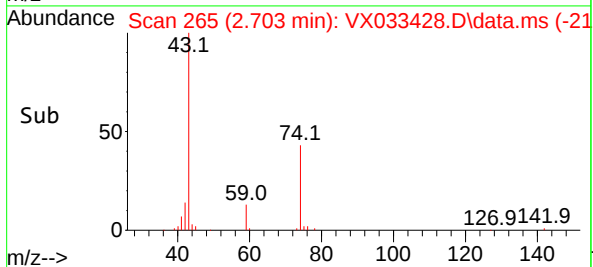
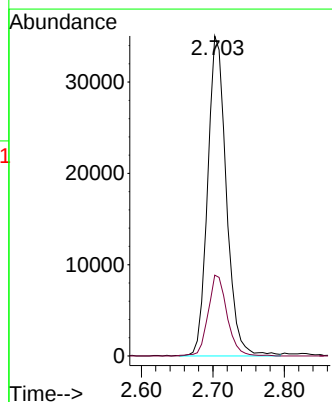
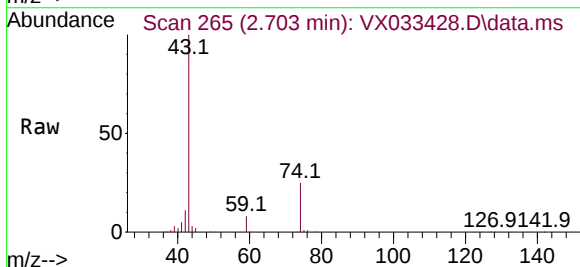
Acq: 14 Dec 2022 18:58

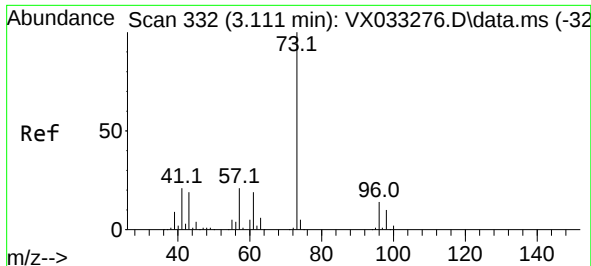
Tgt Ion: 43 Resp: 63662

Ion Ratio Lower Upper

43 100

74 25.7 19.4 29.0

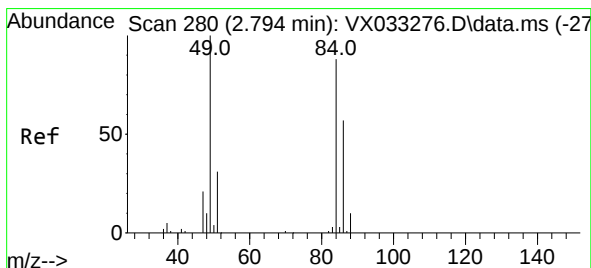
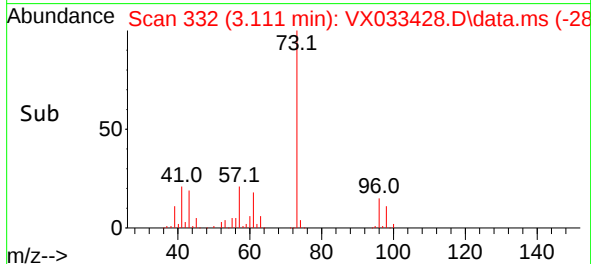
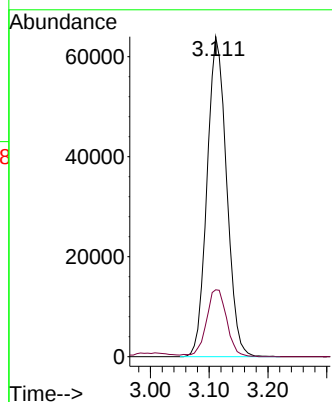
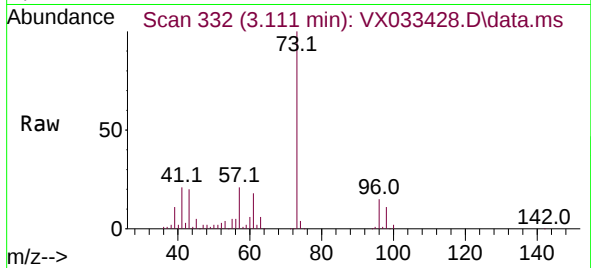




#19
Methyl tert-butyl Ether
Concen: 33.726 ug/l
RT: 3.111 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX033428.D
Acq: 14 Dec 2022 18:58

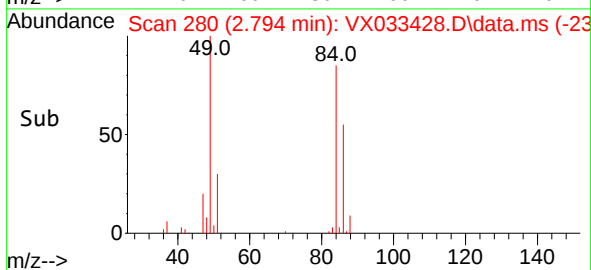
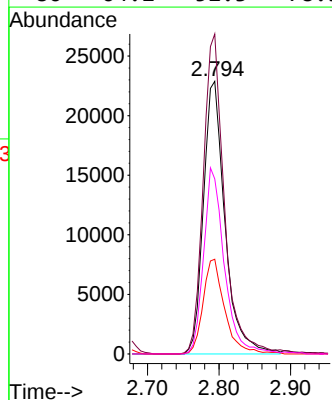
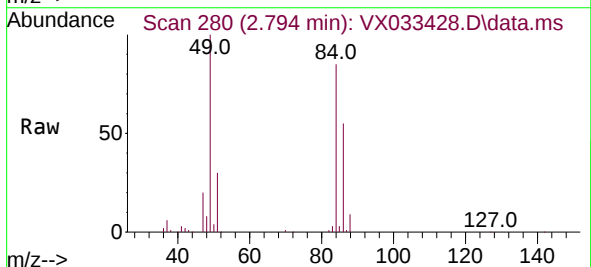
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 147930
Ion Ratio Lower Upper
73 100
57 20.9 16.6 25.0



#20
Methylene Chloride
Concen: 32.427 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX033428.D
Acq: 14 Dec 2022 18:58

Tgt Ion: 84 Resp: 47952
Ion Ratio Lower Upper
84 100
49 117.3 101.0 151.6
51 34.7 31.1 46.7
86 64.2 52.3 78.5

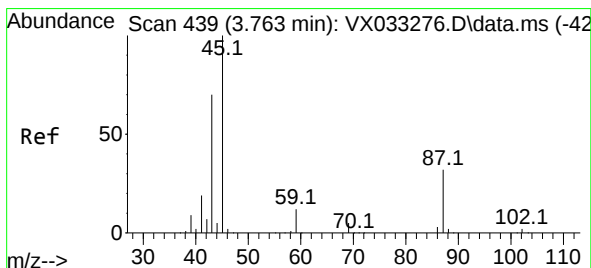
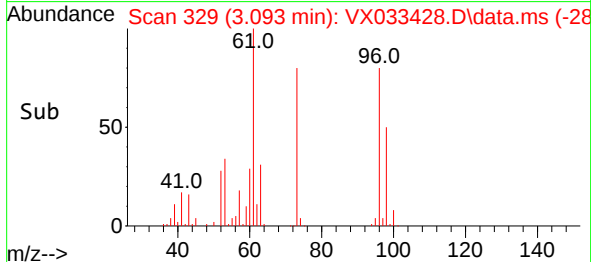
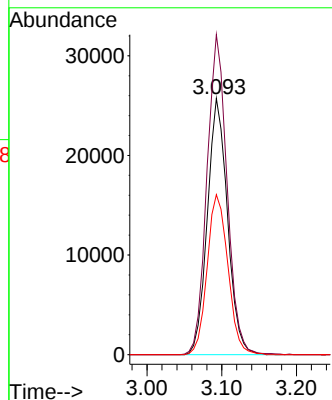
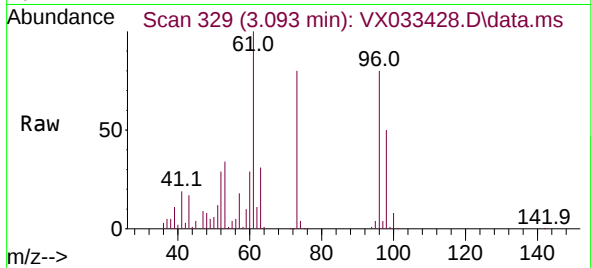




#21
trans-1,2-Dichloroethene
Concen: 34.745 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX033428.D
Acq: 14 Dec 2022 18:58

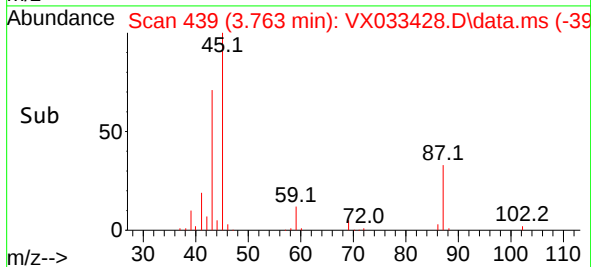
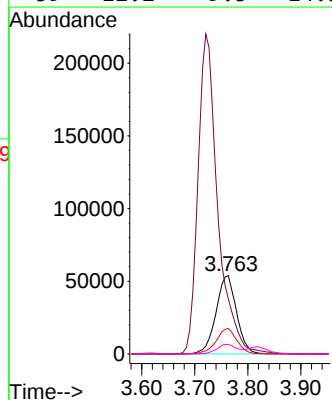
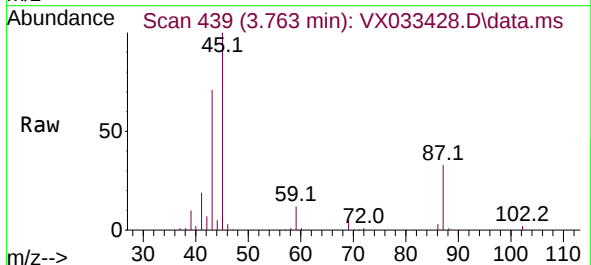
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

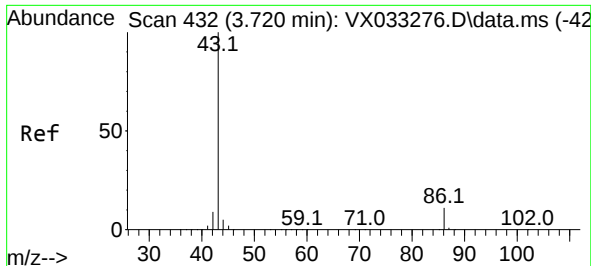
Tgt Ion: 96 Resp: 48128
Ion Ratio Lower Upper
96 100
61 124.8 106.6 160.0
98 62.4 51.0 76.6



#22
Diisopropyl ether
Concen: 33.459 ug/l
RT: 3.763 min Scan# 439
Delta R.T. 0.000 min
Lab File: VX033428.D
Acq: 14 Dec 2022 18:58

Tgt Ion: 45 Resp: 144964
Ion Ratio Lower Upper
45 100
43 70.2 56.4 84.6
87 32.6 24.4 36.6
59 12.2 9.5 14.3

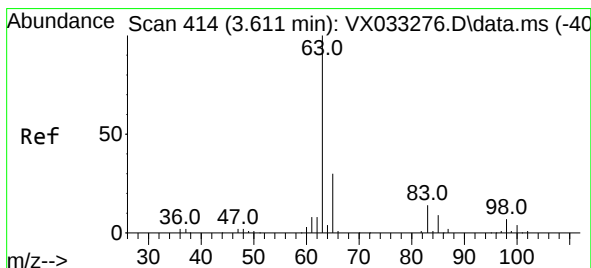
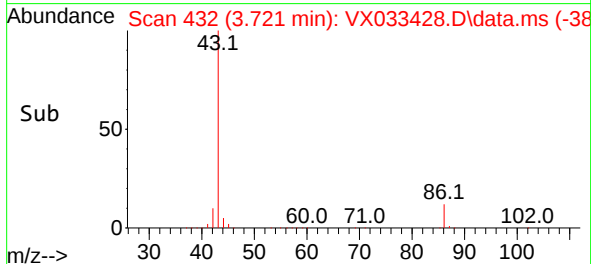
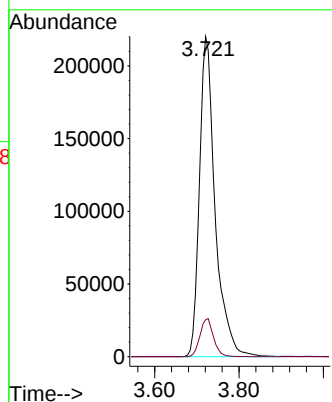
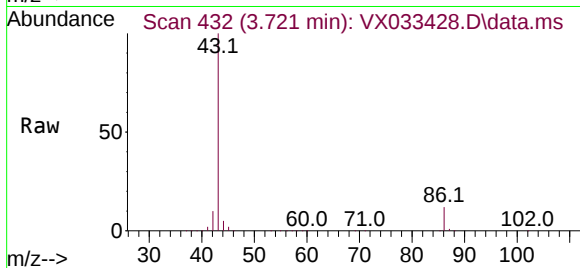




#23
 Vinyl Acetate
 Concen: 169.582 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX033428.D
 Acq: 14 Dec 2022 18:58

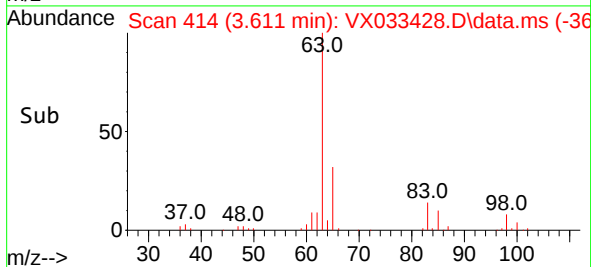
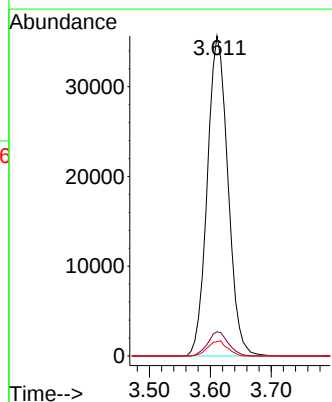
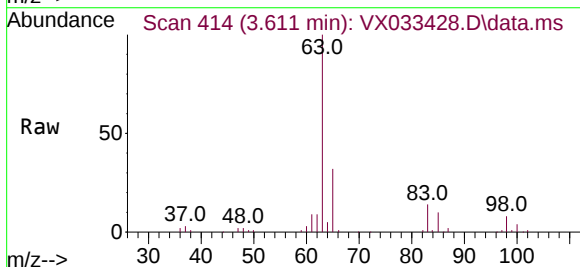
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

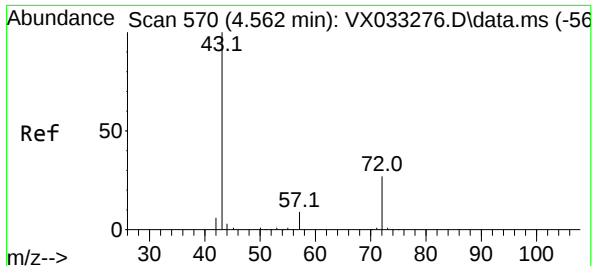
Tgt Ion: 43 Resp: 570277
 Ion Ratio Lower Upper
 43 100
 86 11.5 8.6 12.8



#24
 1,1-Dichloroethane
 Concen: 32.995 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.000 min
 Lab File: VX033428.D
 Acq: 14 Dec 2022 18:58

Tgt Ion: 63 Resp: 83995
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.5 10.4
 100 4.4 2.3 6.8





#25

2-Butanone

Concen: 167.200 ug/l

RT: 4.562 min Scan# 51

Delta R.T. 0.000 min

Lab File: VX033428.D

Acq: 14 Dec 2022 18:58

Instrument :

MSVOA_X

ClientSampleId :

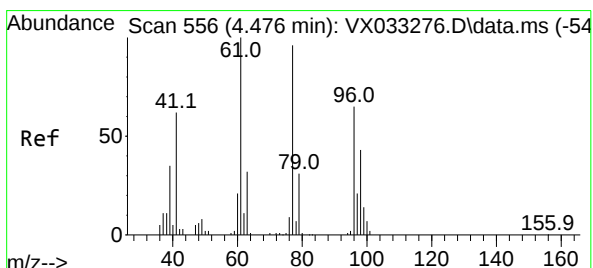
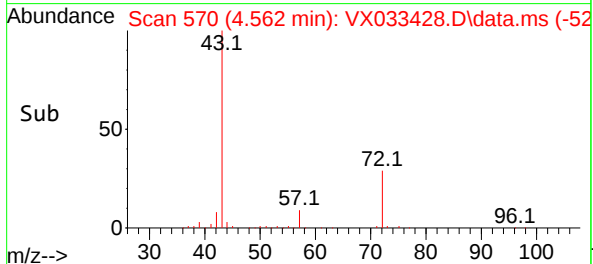
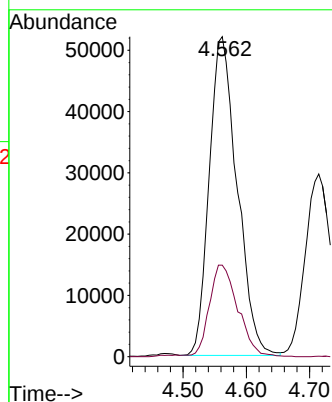
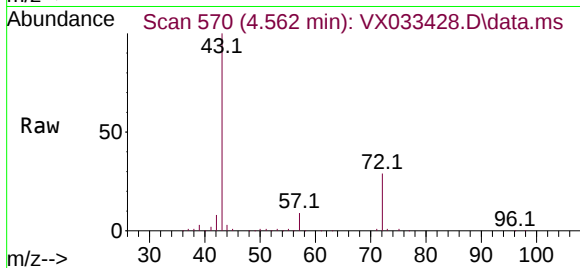
VSTDCCC050EC

Tgt Ion: 43 Resp: 159140

Ion Ratio Lower Upper

43 100

72 28.5 22.2 33.2



#26

2,2-Dichloropropane

Concen: 34.560 ug/l

RT: 4.477 min Scan# 556

Delta R.T. 0.000 min

Lab File: VX033428.D

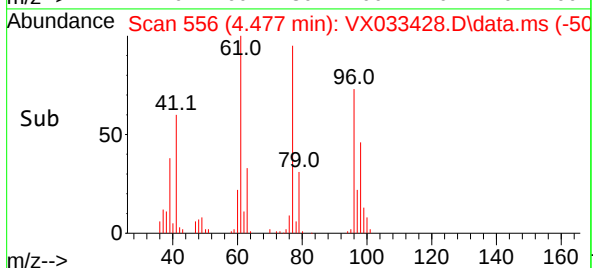
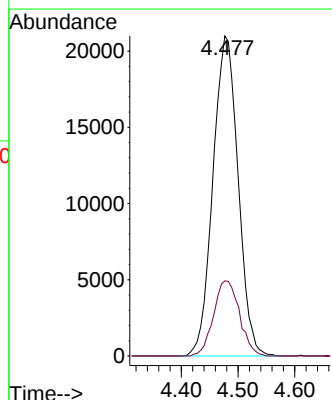
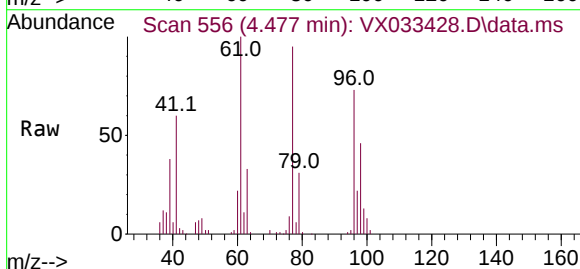
Acq: 14 Dec 2022 18:58

Tgt Ion: 77 Resp: 64699

Ion Ratio Lower Upper

77 100

97 24.2 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 35.252 ug/l

RT: 4.489 min Scan# 51

Delta R.T. 0.000 min

Lab File: VX033428.D

Acq: 14 Dec 2022 18:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

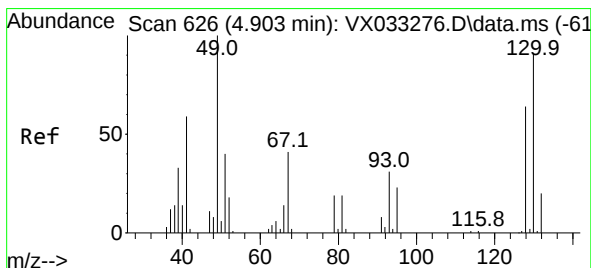
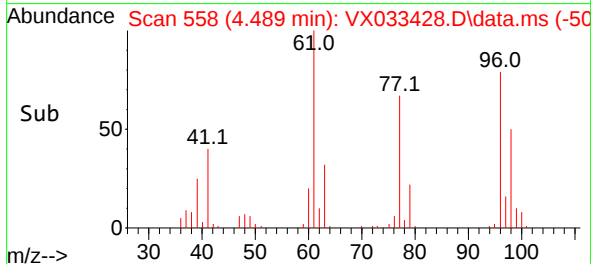
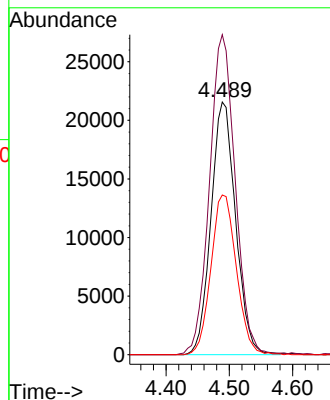
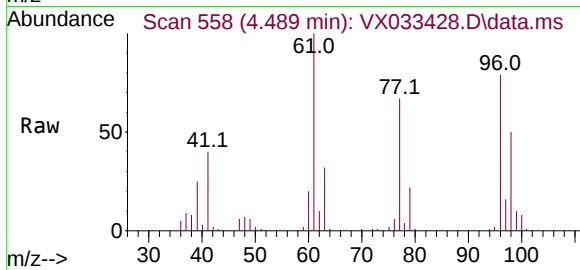
Tgt Ion: 96 Resp: 58358

Ion Ratio Lower Upper

96 100

61 132.0 0.0 286.0

98 65.2 0.0 129.6



#28

Bromochloromethane

Concen: 49.763 ug/l

RT: 4.897 min Scan# 625

Delta R.T. -0.006 min

Lab File: VX033428.D

Acq: 14 Dec 2022 18:58

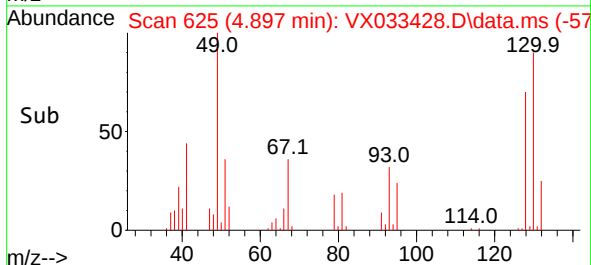
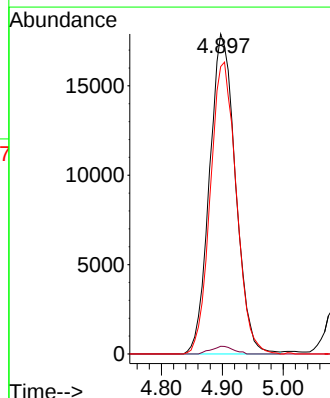
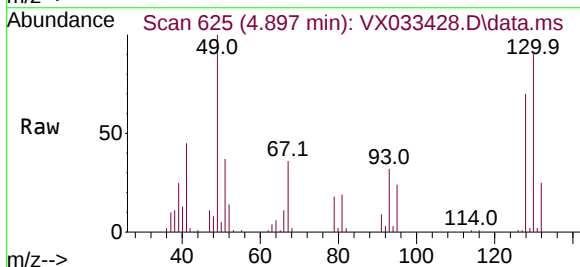
Tgt Ion: 49 Resp: 53029

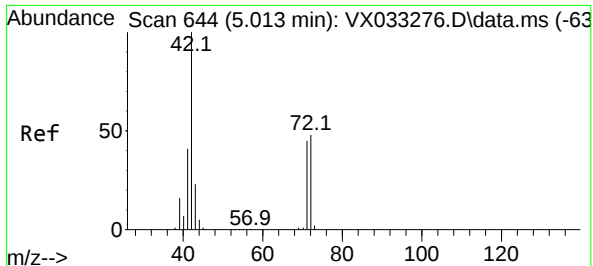
Ion Ratio Lower Upper

49 100

129 2.1 0.0 3.8

130 91.1 67.5 101.3





#29

Tetrahydrofuran

Concen: 232.916 ug/l

RT: 5.007 min Scan# 644

Delta R.T. -0.006 min

Lab File: VX033428.D

Acq: 14 Dec 2022 18:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

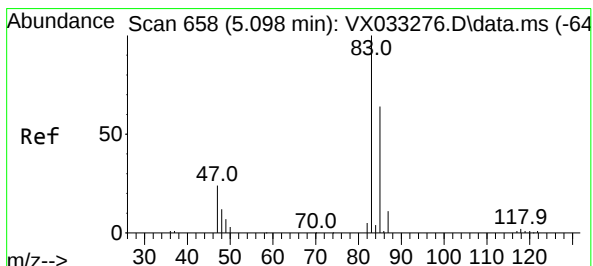
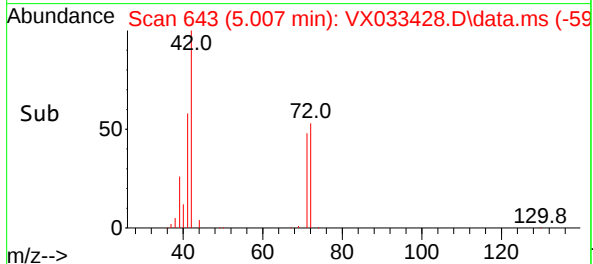
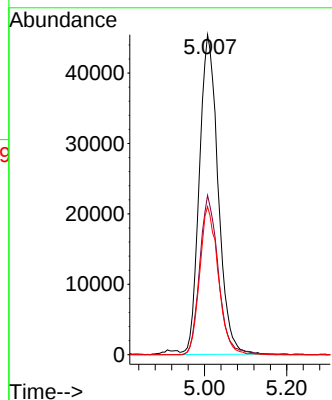
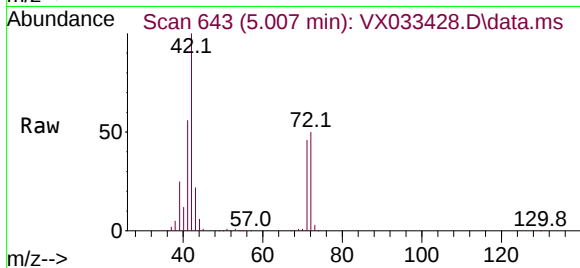
Tgt Ion: 42 Resp: 143632

Ion Ratio Lower Upper

42 100

72 49.5 37.6 56.4

71 45.8 34.7 52.1



#30

Chloroform

Concen: 50.579 ug/l

RT: 5.098 min Scan# 658

Delta R.T. 0.000 min

Lab File: VX033428.D

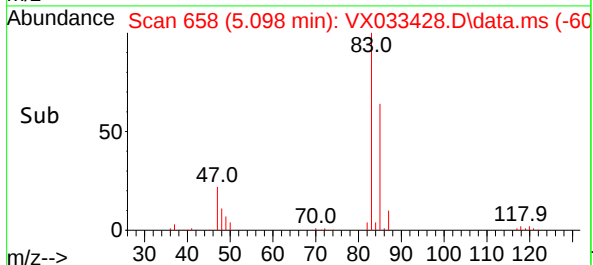
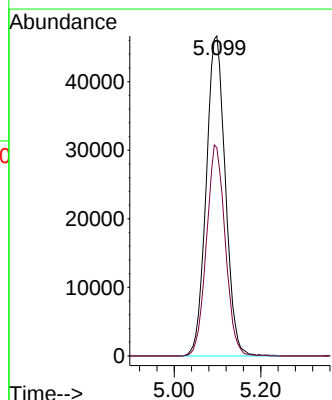
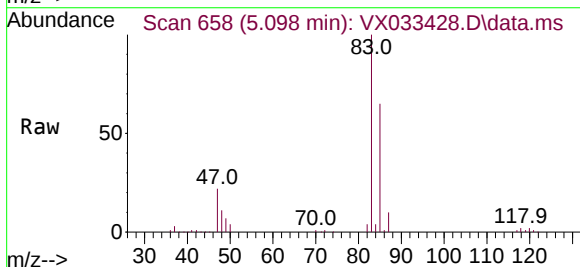
Acq: 14 Dec 2022 18:58

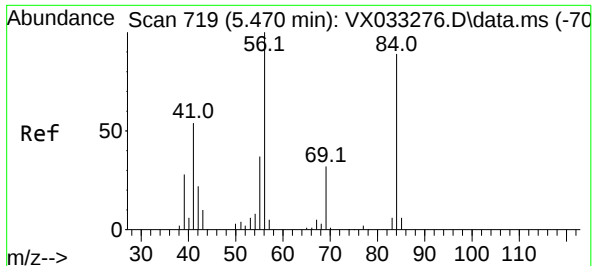
Tgt Ion: 83 Resp: 142943

Ion Ratio Lower Upper

83 100

85 65.0 51.1 76.7

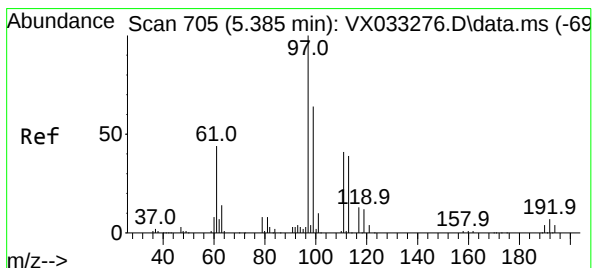
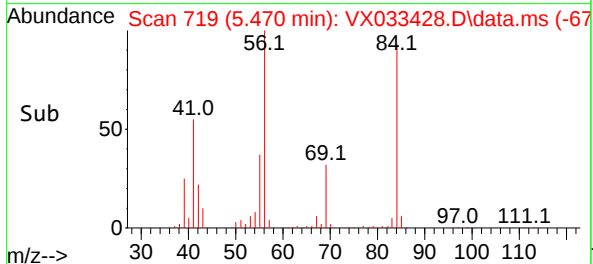
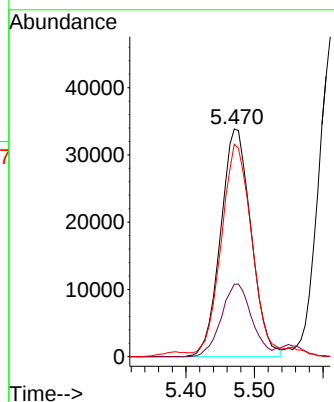
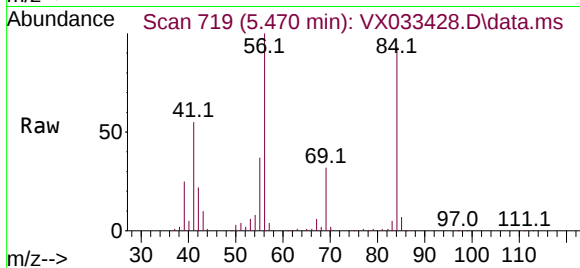




#31
Cyclohexane
Concen: 49.098 ug/l
RT: 5.470 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX033428.D
Acq: 14 Dec 2022 18:58

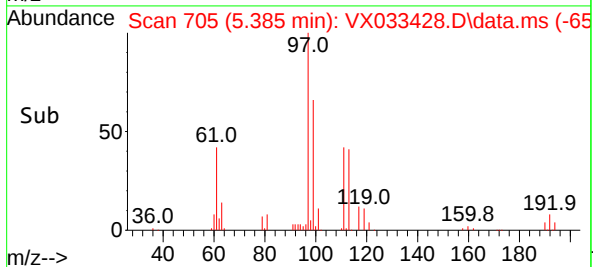
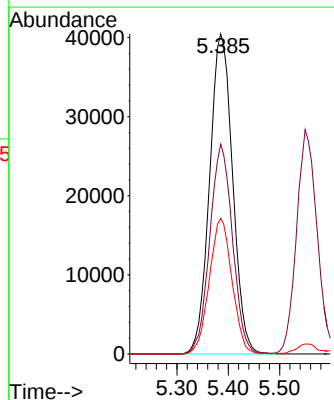
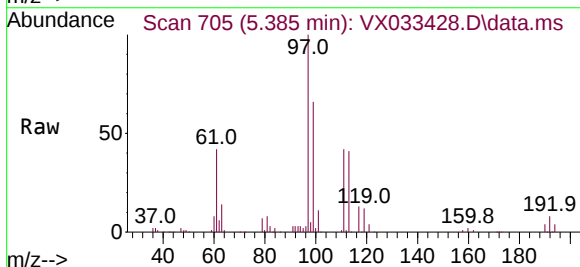
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

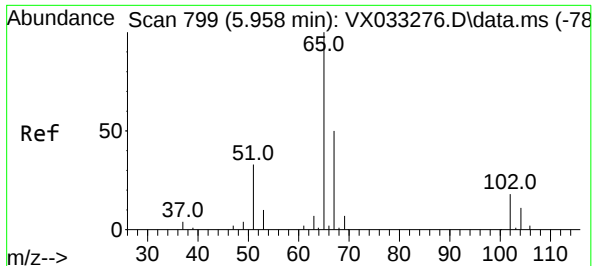
Tgt Ion: 56 Resp: 104559
Ion Ratio Lower Upper
56 100
69 31.9 24.1 36.1
84 91.5 66.9 100.3



#32
1,1,1-Trichloroethane
Concen: 51.753 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX033428.D
Acq: 14 Dec 2022 18:58

Tgt Ion: 97 Resp: 125843
Ion Ratio Lower Upper
97 100
99 64.7 51.4 77.0
61 41.8 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 45.710 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX033428.D

Acq: 14 Dec 2022 18:58

Instrument :

MSVOA_X

ClientSampleId :

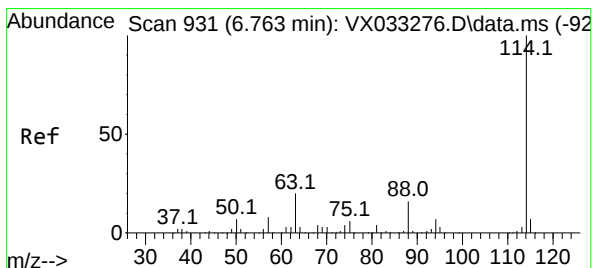
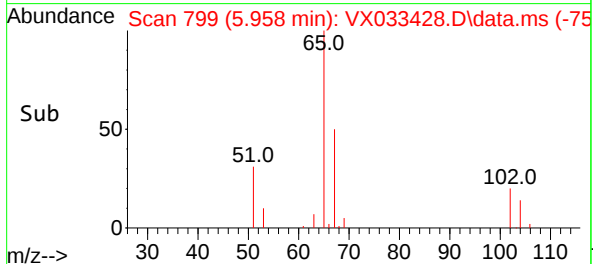
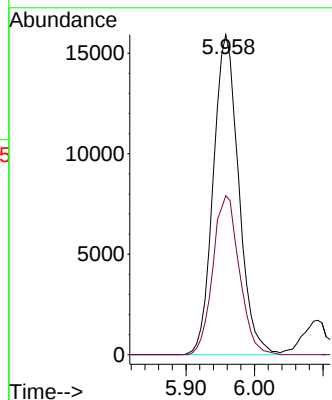
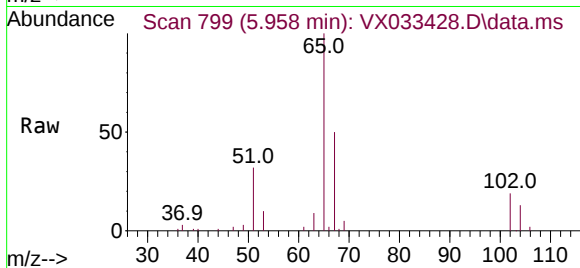
VSTDCCC050EC

Tgt Ion: 65 Resp: 40960

Ion Ratio Lower Upper

65 100

67 51.8 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX033428.D

Acq: 14 Dec 2022 18:58

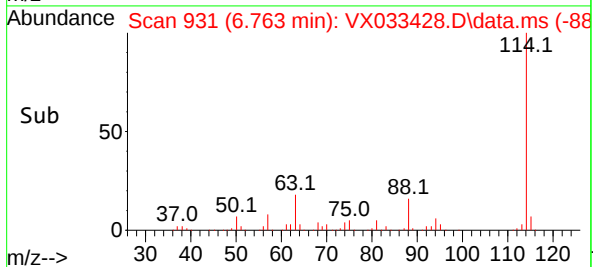
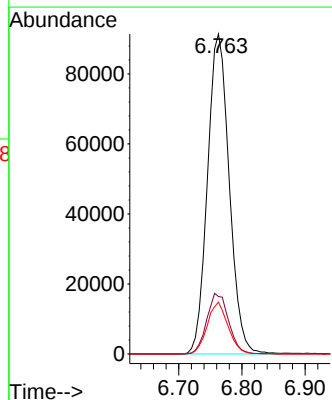
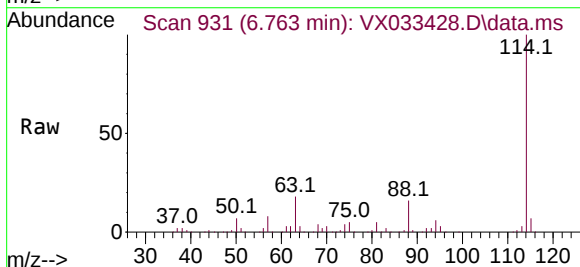
Tgt Ion: 114 Resp: 218923

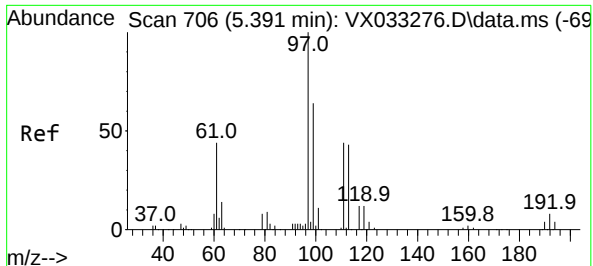
Ion Ratio Lower Upper

114 100

63 18.0 0.0 41.6

88 16.2 0.0 33.4





#35

Dibromofluoromethane

Concen: 50.054 ug/l

RT: 5.385 min Scan# 706

Delta R.T. -0.006 min

Lab File: VX033428.D

Acq: 14 Dec 2022 18:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

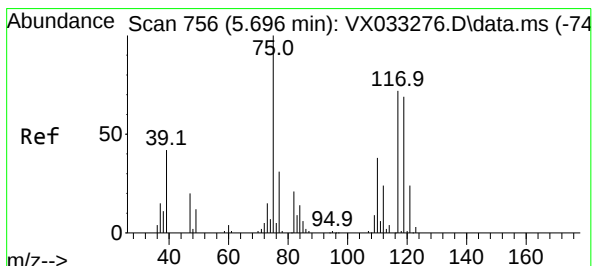
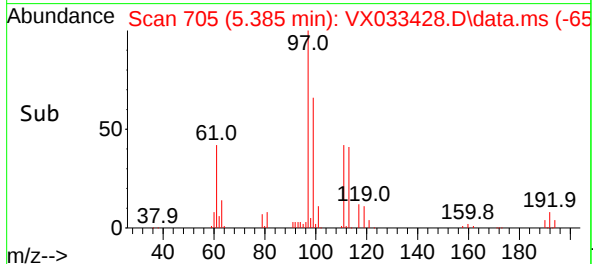
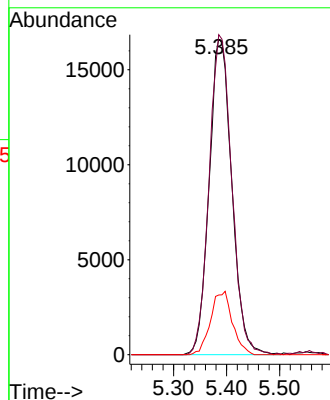
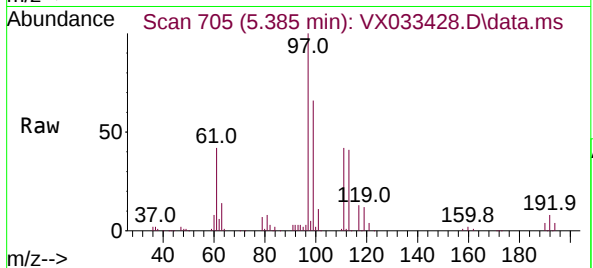
Tgt Ion:113 Resp: 49287

Ion Ratio Lower Upper

113 100

111 101.2 82.4 123.6

192 19.3 15.4 23.2



#36

1,1-Dichloropropene

Concen: 51.617 ug/l

RT: 5.690 min Scan# 755

Delta R.T. -0.006 min

Lab File: VX033428.D

Acq: 14 Dec 2022 18:58

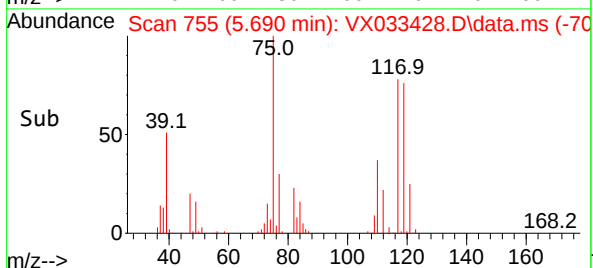
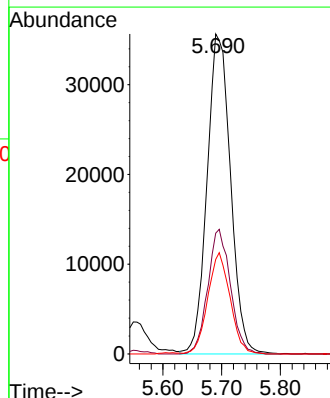
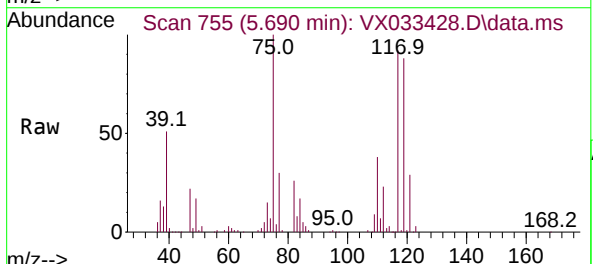
Tgt Ion: 75 Resp: 99094

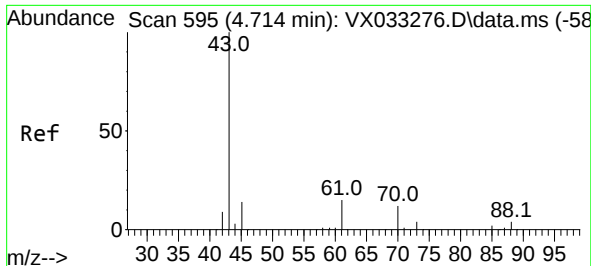
Ion Ratio Lower Upper

75 100

110 37.6 18.4 55.2

77 30.1 24.5 36.7





#37

Ethyl Acetate

Concen: 49.215 ug/l

RT: 4.714 min Scan# 595

Delta R.T. 0.000 min

Lab File: VX033428.D

Acq: 14 Dec 2022 18:58

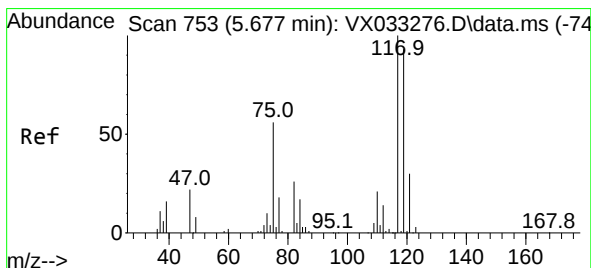
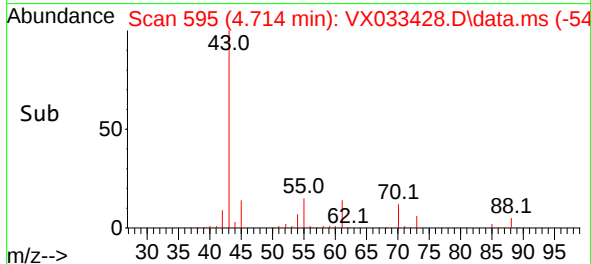
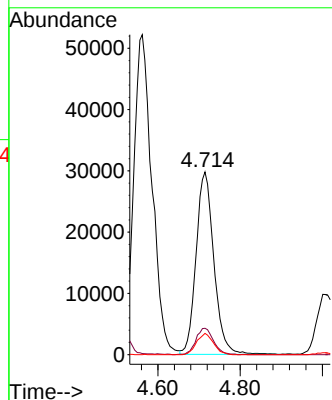
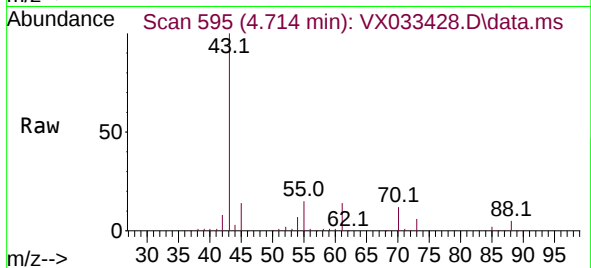
Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:	43	Resp:	89312
Ion	Ratio	Lower	Upper
43	100		
61	14.4	11.5	17.3
70	11.1	9.1	13.7



#38

Carbon Tetrachloride

Concen: 51.050 ug/l

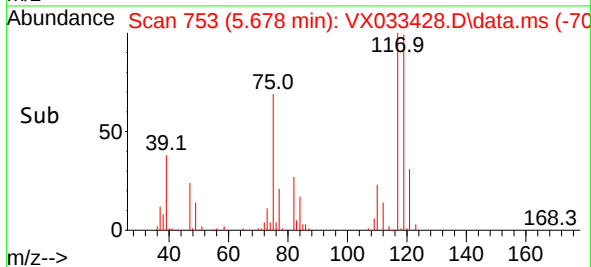
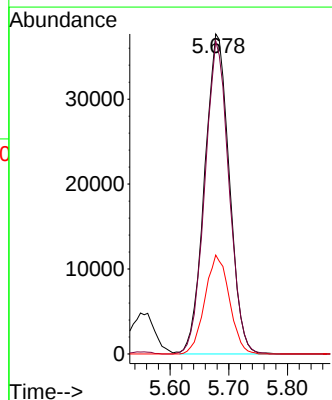
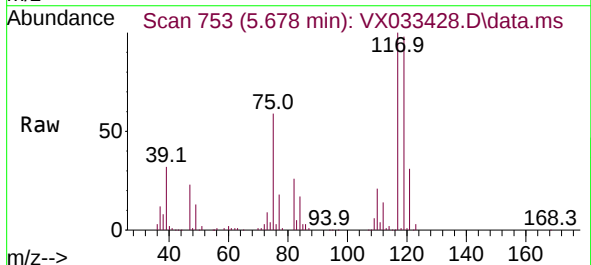
RT: 5.678 min Scan# 753

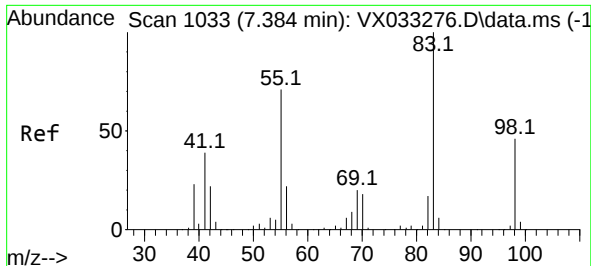
Delta R.T. 0.000 min

Lab File: VX033428.D

Acq: 14 Dec 2022 18:58

Tgt Ion:	117	Resp:	109805
Ion	Ratio	Lower	Upper
117	100		
119	97.8	77.2	115.8
121	30.9	25.8	38.6





#39

Methylcyclohexane

Concen: 51.777 ug/l

RT: 7.379 min Scan# 10

Delta R.T. -0.006 min

Lab File: VX033428.D

Acq: 14 Dec 2022 18:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

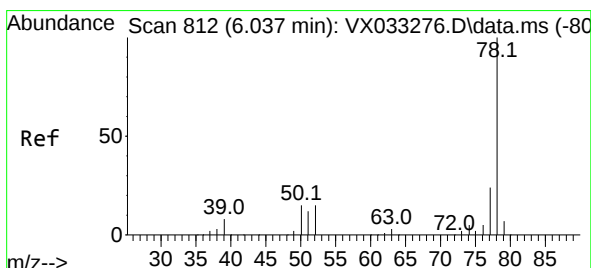
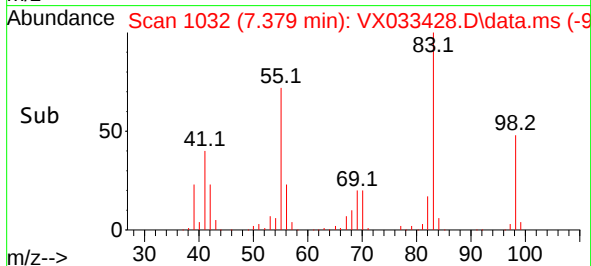
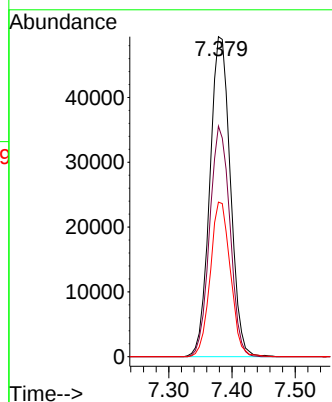
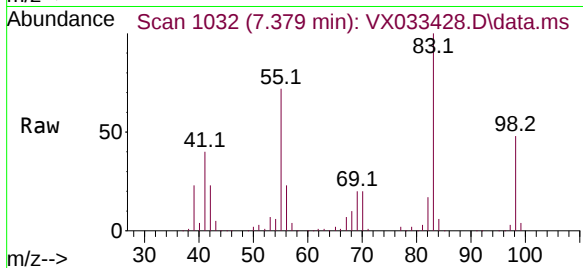
Tgt Ion: 83 Resp: 111259

Ion Ratio Lower Upper

83 100

55 72.1 58.4 87.6

98 48.3 37.2 55.8



#40

Benzene

Concen: 51.739 ug/l

RT: 6.037 min Scan# 812

Delta R.T. 0.000 min

Lab File: VX033428.D

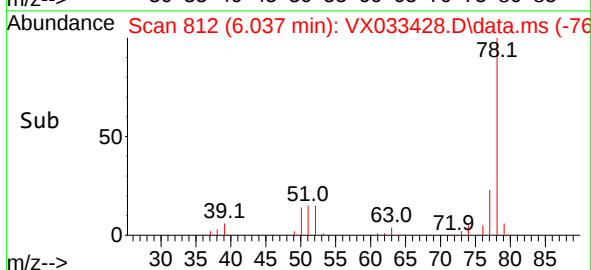
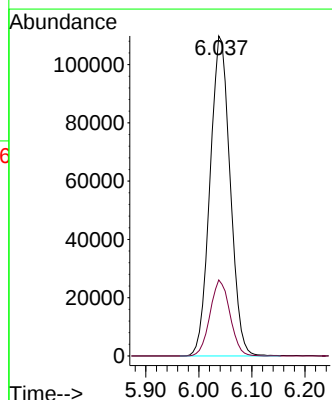
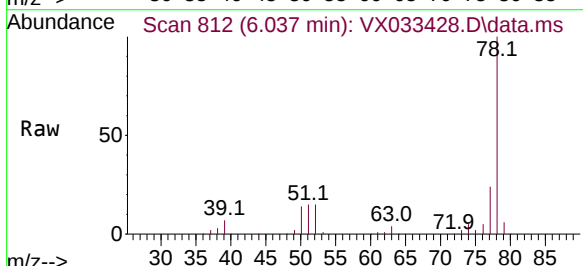
Acq: 14 Dec 2022 18:58

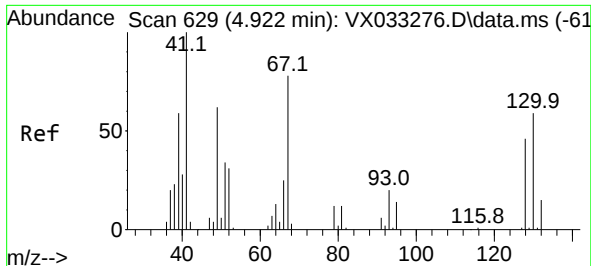
Tgt Ion: 78 Resp: 289608

Ion Ratio Lower Upper

78 100

77 23.7 19.0 28.4

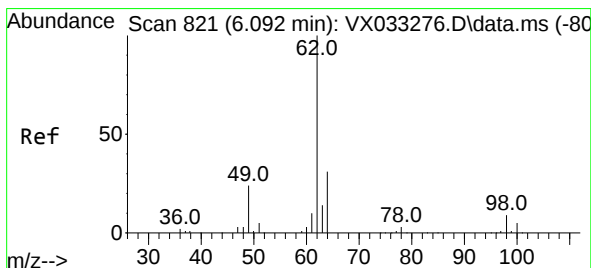
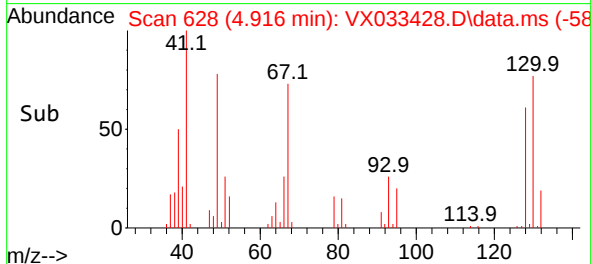
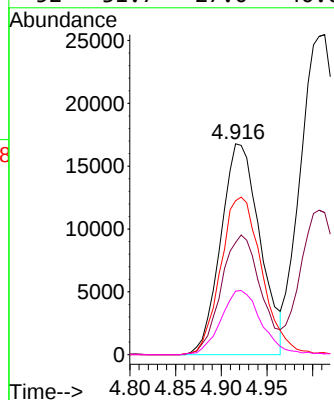
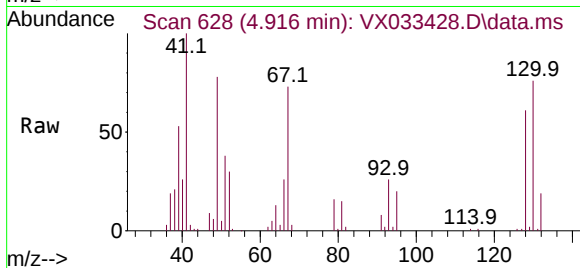




#41
Methacrylonitrile
Concen: 50.152 ug/l
RT: 4.916 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX033428.D
Acq: 14 Dec 2022 18:58

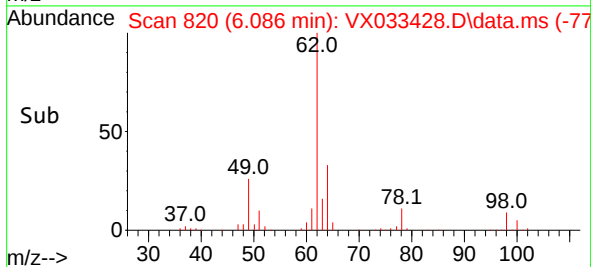
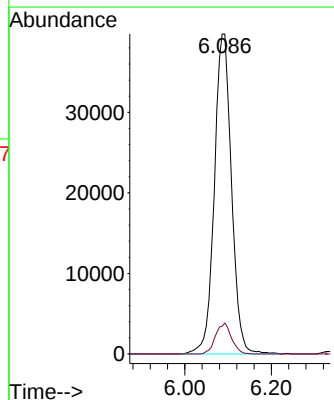
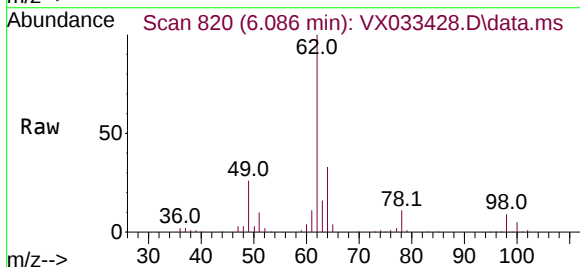
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

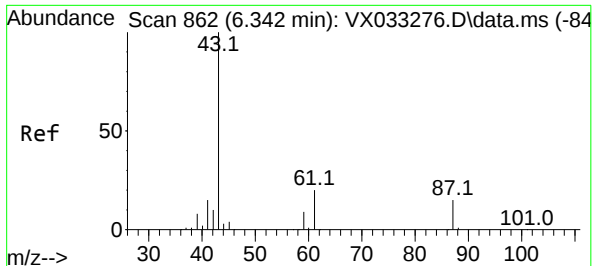
Tgt Ion: 41	Resp: 50152
Ion Ratio	Lower Upper
41 100	
39 57.5	47.5 71.3
67 78.8	60.5 90.7
52 31.7	27.0 40.6



#42
1,2-Dichloroethane
Concen: 49.202 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.006 min
Lab File: VX033428.D
Acq: 14 Dec 2022 18:58

Tgt Ion: 62	Resp: 109364
Ion Ratio	Lower Upper
62 100	
98 9.0	0.0 16.0

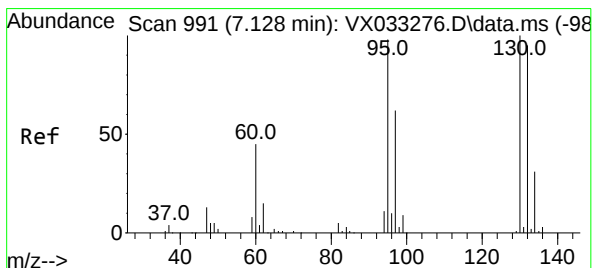
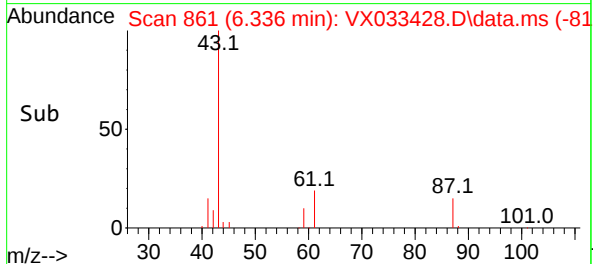
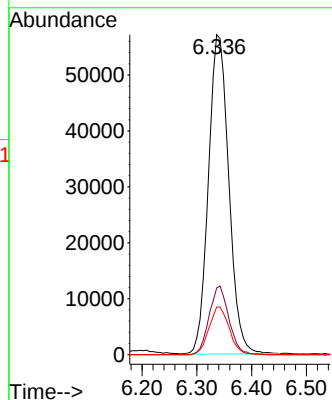
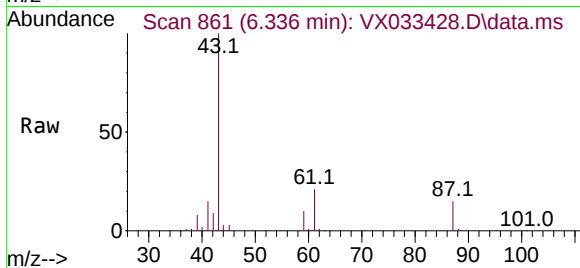




#43
Isopropyl Acetate
Concen: 50.467 ug/l
RT: 6.336 min Scan# 861
Delta R.T. -0.006 min
Lab File: VX033428.D
Acq: 14 Dec 2022 18:58

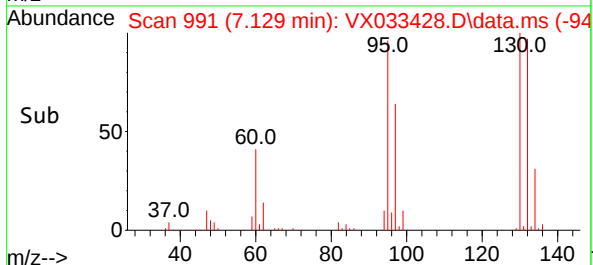
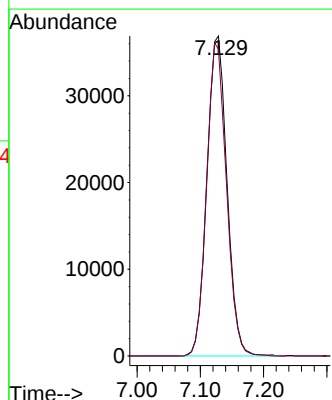
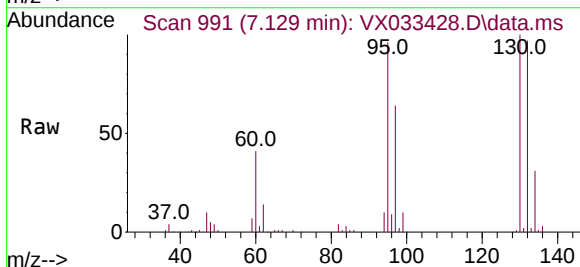
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

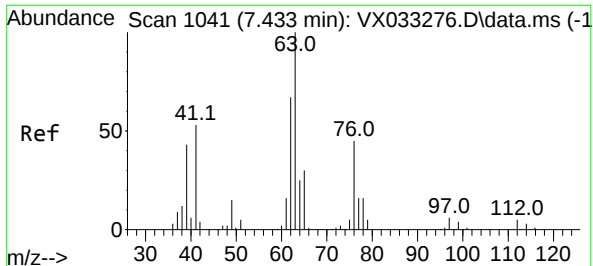
Tgt Ion: 43 Resp: 147358
Ion Ratio Lower Upper
43 100
61 20.7 15.4 23.0
87 14.8 10.8 16.2



#44
Trichloroethene
Concen: 52.715 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX033428.D
Acq: 14 Dec 2022 18:58

Tgt Ion:130 Resp: 81354
Ion Ratio Lower Upper
130 100
95 95.8 0.0 195.2





#45

1,2-Dichloropropane

Concen: 51.698 ug/l

RT: 7.433 min Scan# 1041

Delta R.T. 0.000 min

Lab File: VX033428.D

Acq: 14 Dec 2022 18:58

Instrument :

MSVOA_X

ClientSampleId :

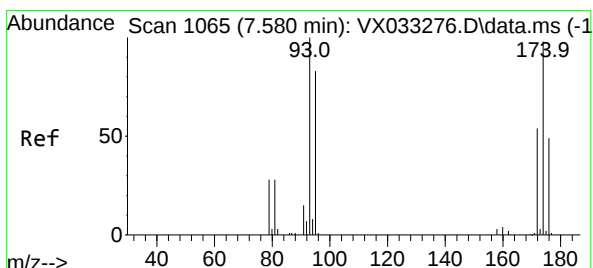
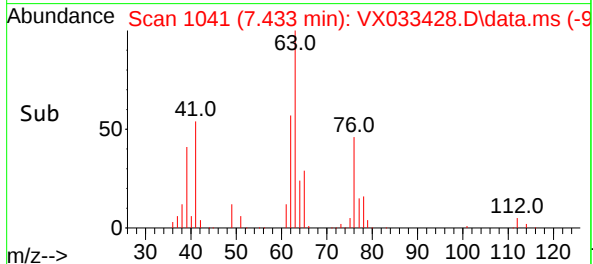
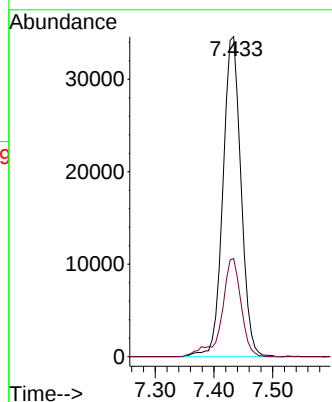
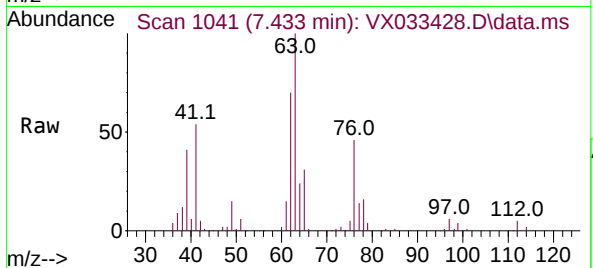
VSTDCCC050EC

Tgt Ion: 63 Resp: 74006

Ion Ratio Lower Upper

63 100

65 30.7 24.6 36.8



#46

Dibromomethane

Concen: 50.705 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VX033428.D

Acq: 14 Dec 2022 18:58

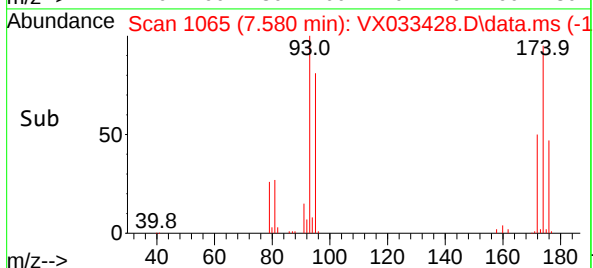
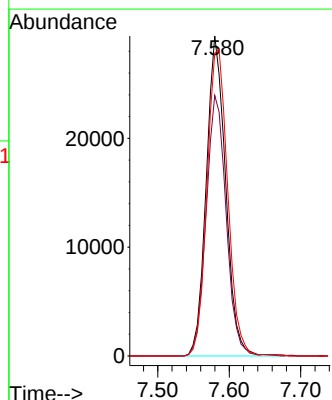
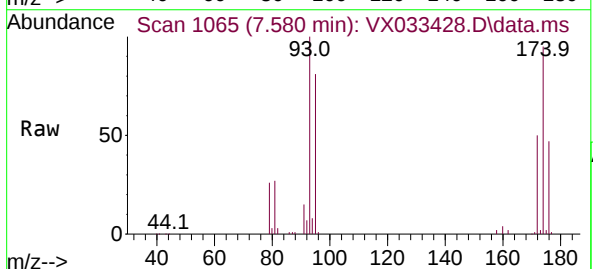
Tgt Ion: 93 Resp: 55294

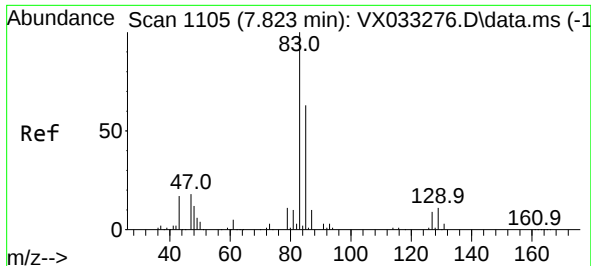
Ion Ratio Lower Upper

93 100

95 84.3 65.8 98.8

174 102.7 79.8 119.6

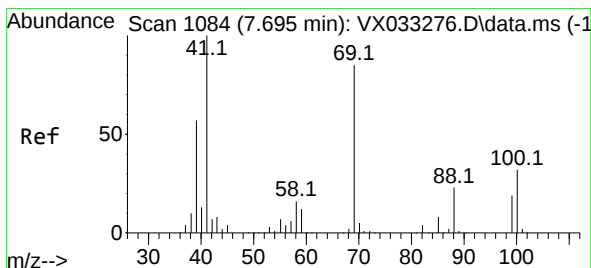
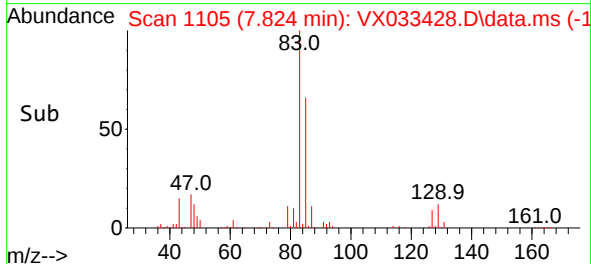
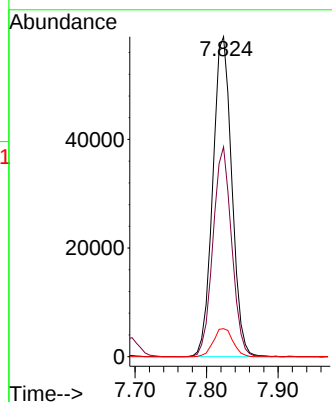
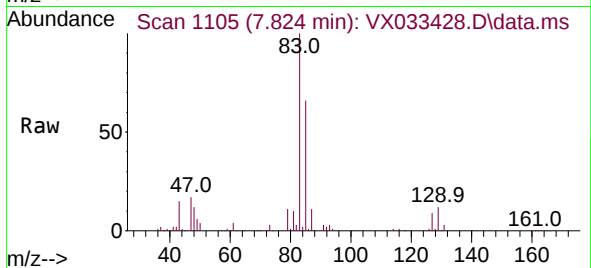




#47
Bromodichloromethane
Concen: 51.173 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX033428.D
Acq: 14 Dec 2022 18:58

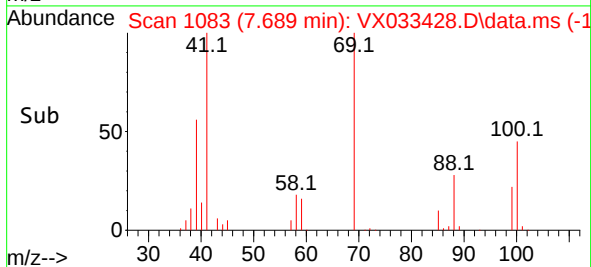
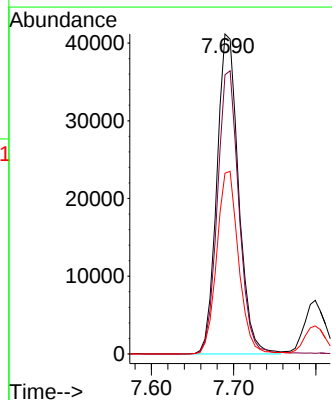
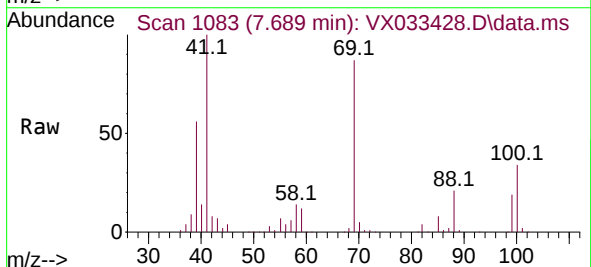
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

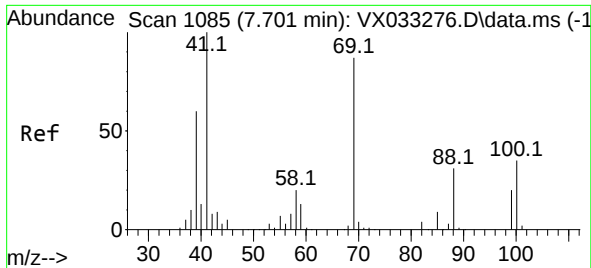
Tgt Ion: 83 Resp: 108779
Ion Ratio Lower Upper
83 100
85 65.5 52.2 78.4
127 8.7 7.4 11.2



#48
Methyl methacrylate
Concen: 50.086 ug/l
RT: 7.689 min Scan# 1083
Delta R.T. -0.006 min
Lab File: VX033428.D
Acq: 14 Dec 2022 18:58

Tgt Ion: 41 Resp: 75478
Ion Ratio Lower Upper
41 100
69 87.6 65.1 97.7
39 57.5 51.9 77.9





#49

1,4-Dioxane

Concen: 997.498 ug/l

RT: 7.702 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX033428.D

Acq: 14 Dec 2022 18:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

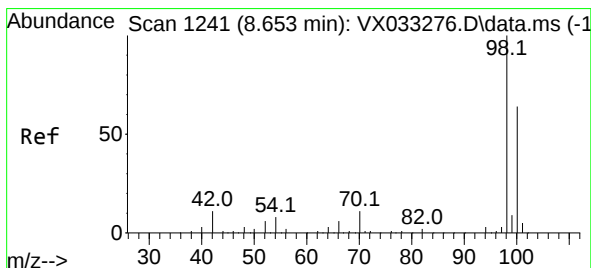
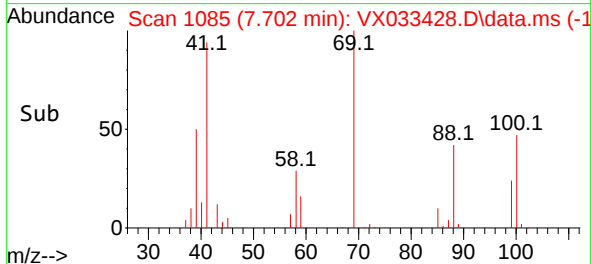
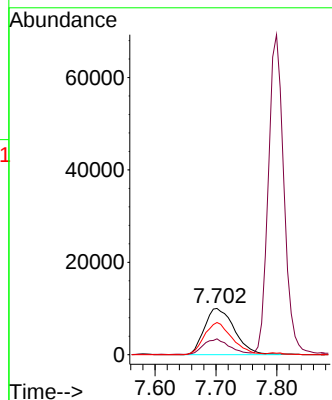
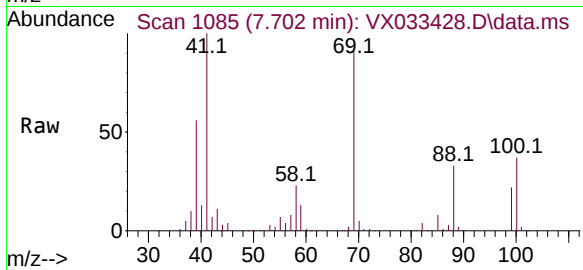
Tgt Ion: 88 Resp: 34278

Ion Ratio Lower Upper

88 100

43 29.2 26.6 39.8

58 64.1 51.7 77.5



#50

Toluene-d8

Concen: 49.898 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.006 min

Lab File: VX033428.D

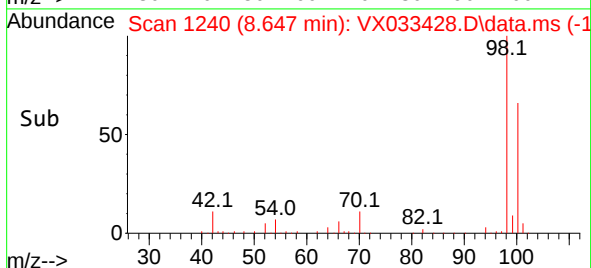
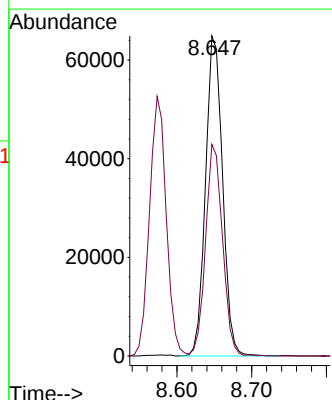
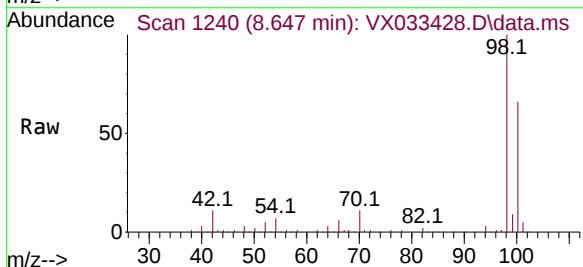
Acq: 14 Dec 2022 18:58

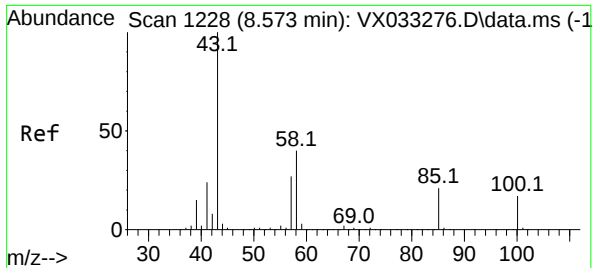
Tgt Ion: 98 Resp: 102785

Ion Ratio Lower Upper

98 100

100 65.9 50.9 76.3

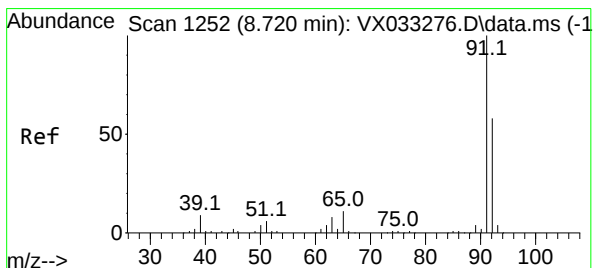
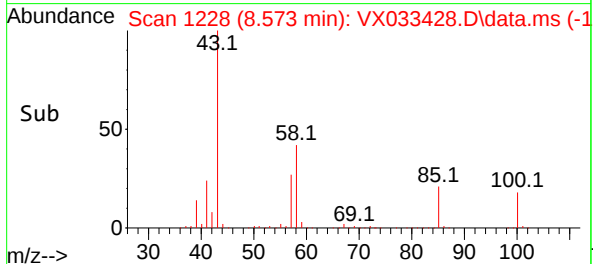
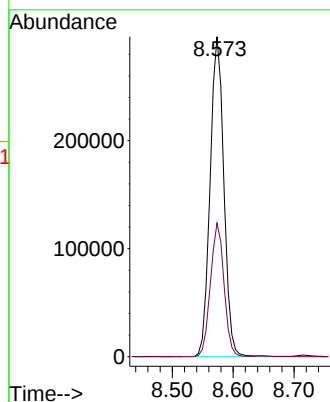
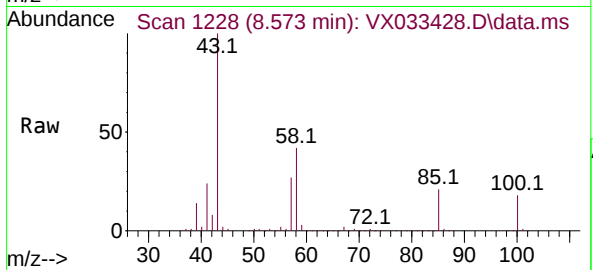




#51
4-Methyl-2-Pentanone
Concen: 251.726 ug/l
RT: 8.573 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX033428.D
Acq: 14 Dec 2022 18:58

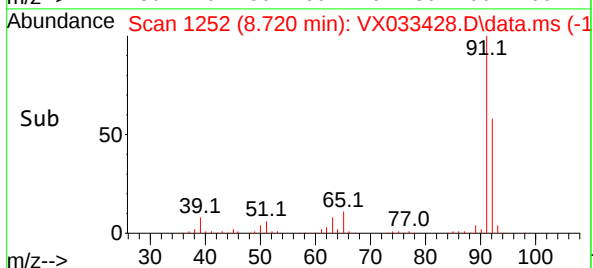
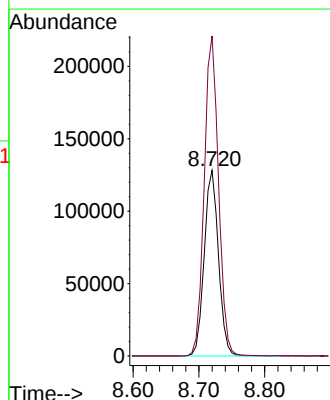
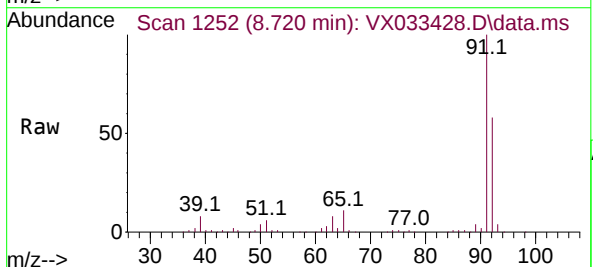
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

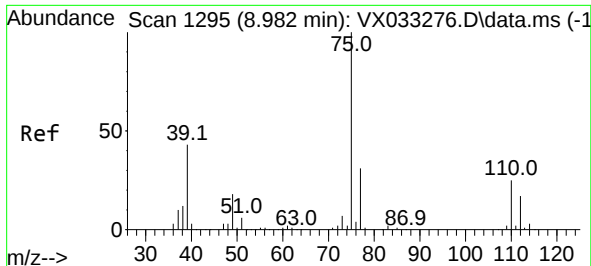
Tgt Ion: 43 Resp: 464816
Ion Ratio Lower Upper
43 100
58 41.1 30.9 46.3



#52
Toluene
Concen: 53.294 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX033428.D
Acq: 14 Dec 2022 18:58

Tgt Ion: 92 Resp: 192873
Ion Ratio Lower Upper
92 100
91 173.0 138.3 207.5





#53

t-1,3-Dichloropropene

Concen: 48.771 ug/l

RT: 8.976 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VX033428.D

Acq: 14 Dec 2022 18:58

Instrument :

MSVOA_X

ClientSampleId :

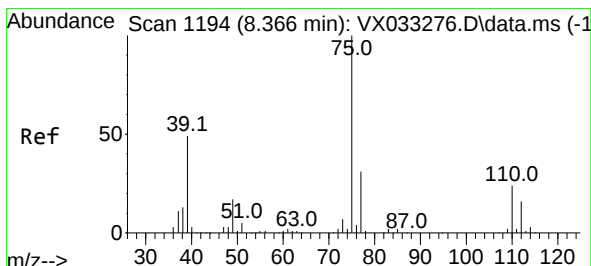
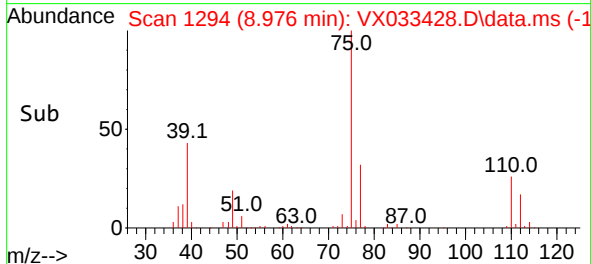
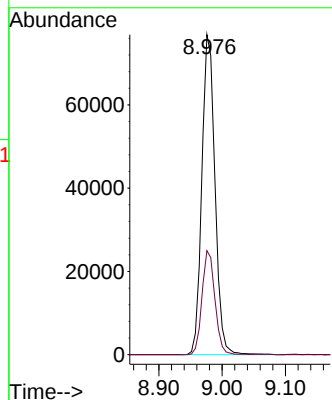
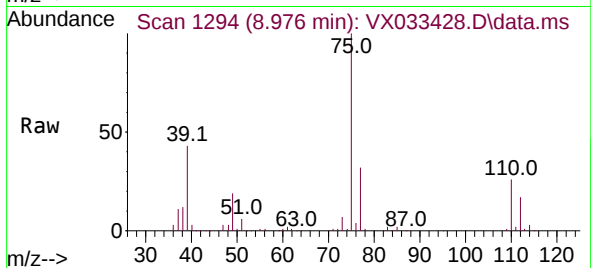
VSTDCCC050EC

Tgt Ion: 75 Resp: 111225

Ion Ratio Lower Upper

75 100

77 32.5 25.1 37.7



#54

cis-1,3-Dichloropropene

Concen: 53.879 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX033428.D

Acq: 14 Dec 2022 18:58

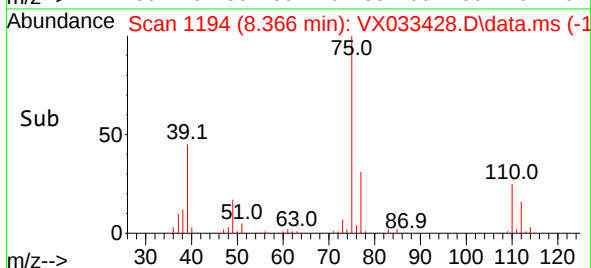
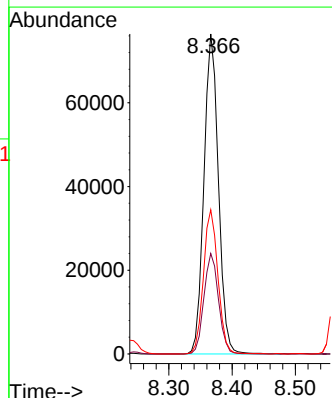
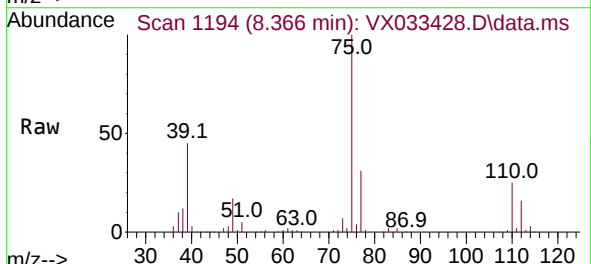
Tgt Ion: 75 Resp: 121875

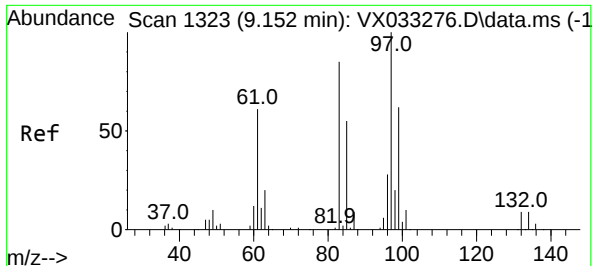
Ion Ratio Lower Upper

75 100

77 31.4 25.1 37.7

39 45.0 45.5 68.3#



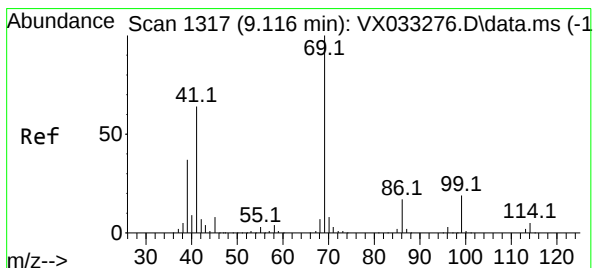
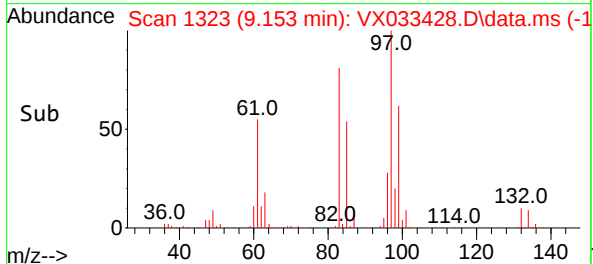
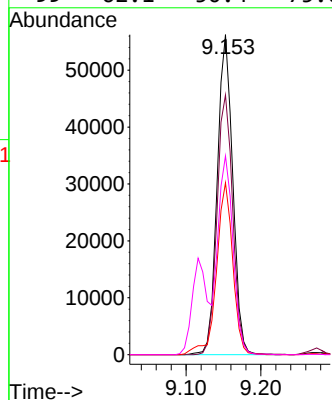
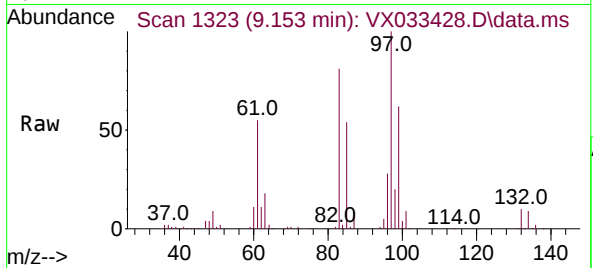


#55
 1,1,2-Trichloroethane
 Concen: 53.210 ug/l
 RT: 9.153 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX033428.D
 Acq: 14 Dec 2022 18:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 97 Resp: 80948

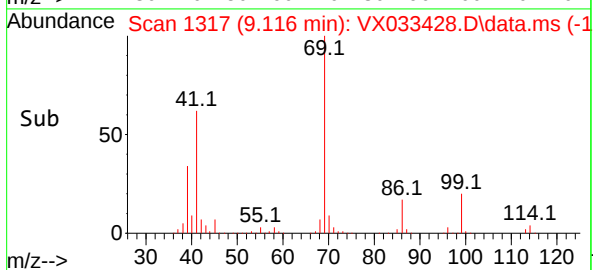
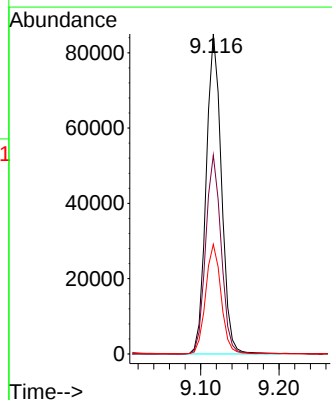
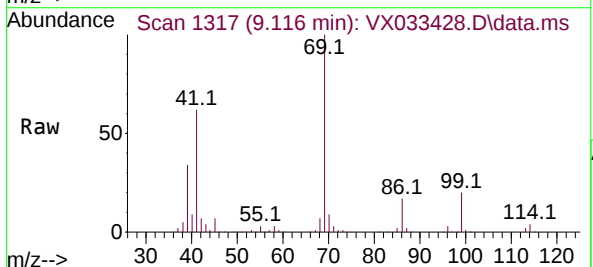
Ion	Ratio	Lower	Upper
97	100		
83	81.2	68.1	102.1
85	53.7	43.3	64.9
99	62.1	50.4	75.6

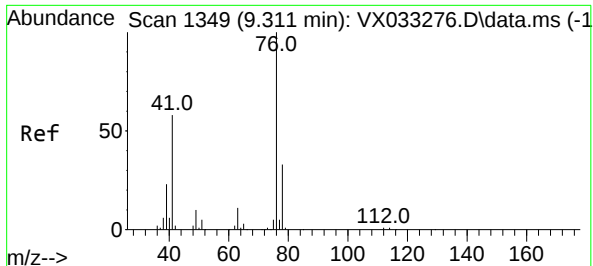


#56
 Ethyl methacrylate
 Concen: 53.635 ug/l
 RT: 9.116 min Scan# 1317
 Delta R.T. 0.000 min
 Lab File: VX033428.D
 Acq: 14 Dec 2022 18:58

Tgt Ion: 69 Resp: 114883

Ion	Ratio	Lower	Upper
69	100		
41	63.1	54.3	81.5
39	34.7	35.2	52.8





#57

1,3-Dichloropropane

Concen: 52.357 ug/l

RT: 9.311 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX033428.D

Acq: 14 Dec 2022 18:58

Instrument :

MSVOA_X

ClientSampleId :

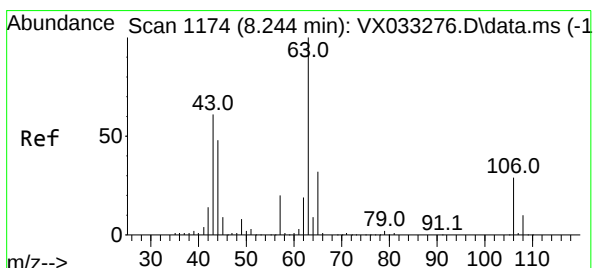
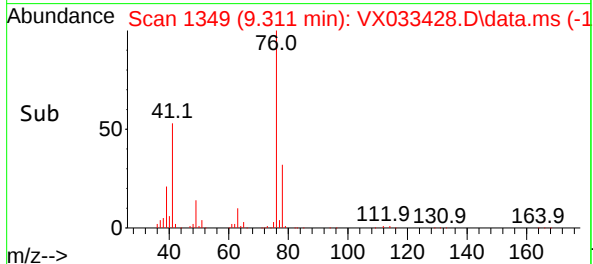
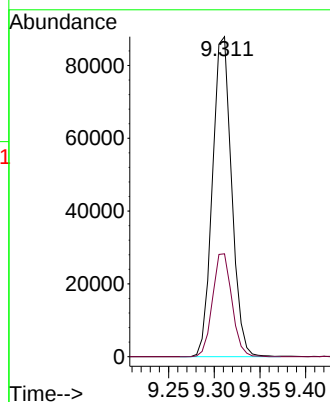
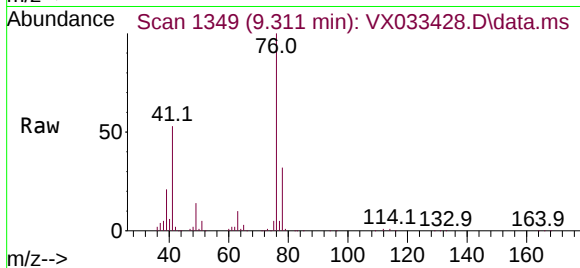
VSTDCCC050EC

Tgt Ion: 76 Resp: 127953

Ion Ratio Lower Upper

76 100

78 32.5 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 264.984 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. 0.000 min

Lab File: VX033428.D

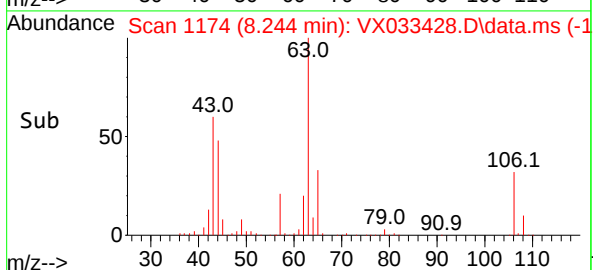
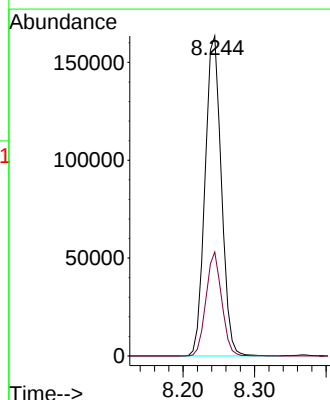
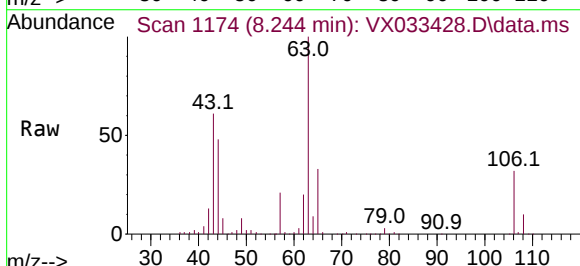
Acq: 14 Dec 2022 18:58

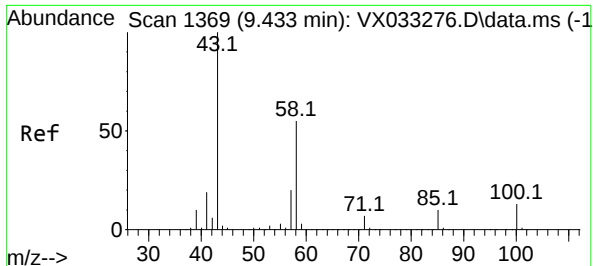
Tgt Ion: 63 Resp: 259702

Ion Ratio Lower Upper

63 100

106 31.2 23.3 34.9





#59

2-Hexanone

Concen: 250.403 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. 0.000 min

Lab File: VX033428.D

Acq: 14 Dec 2022 18:58

Instrument :

MSVOA_X

ClientSampleId :

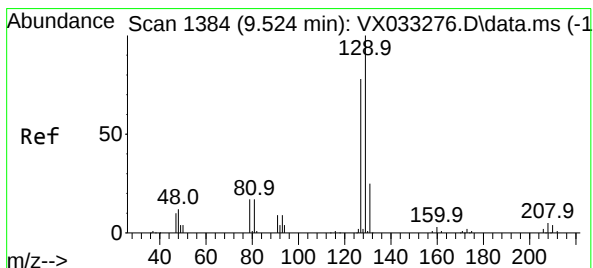
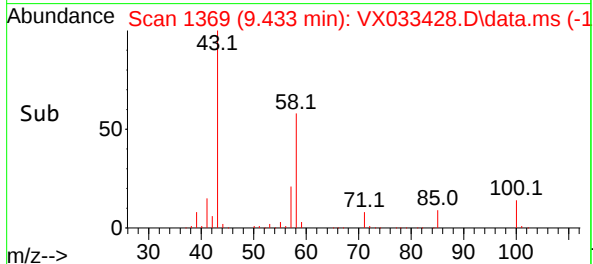
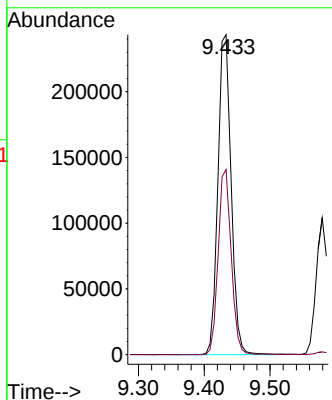
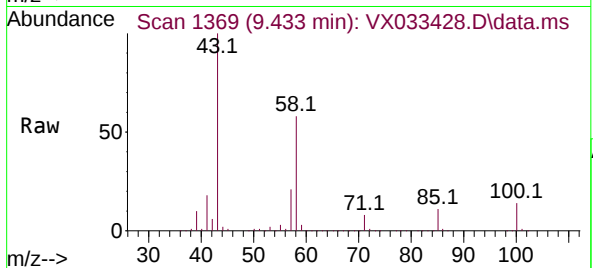
VSTDCCC050EC

Tgt Ion: 43 Resp: 340739

Ion Ratio Lower Upper

43 100

58 57.3 26.5 79.5



#60

Dibromochloromethane

Concen: 52.706 ug/l

RT: 9.518 min Scan# 1383

Delta R.T. -0.006 min

Lab File: VX033428.D

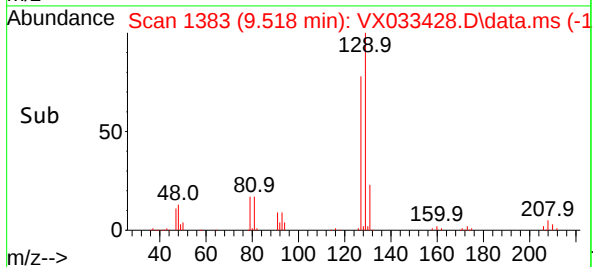
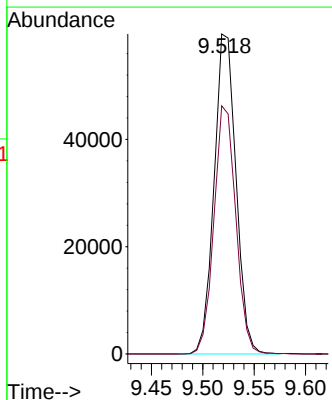
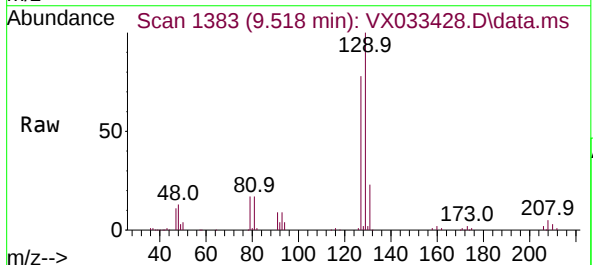
Acq: 14 Dec 2022 18:58

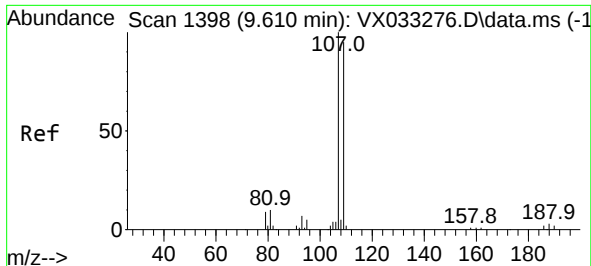
Tgt Ion: 129 Resp: 88343

Ion Ratio Lower Upper

129 100

127 77.3 38.6 115.8

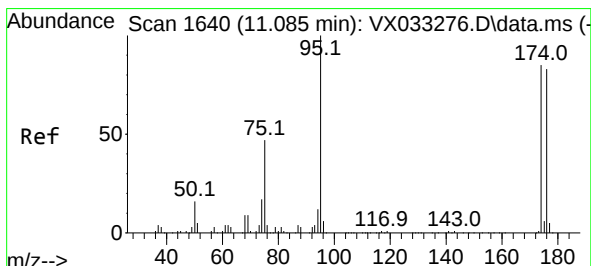
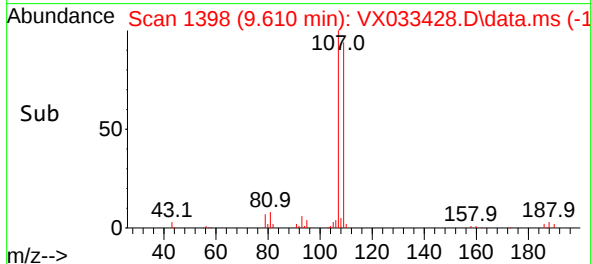
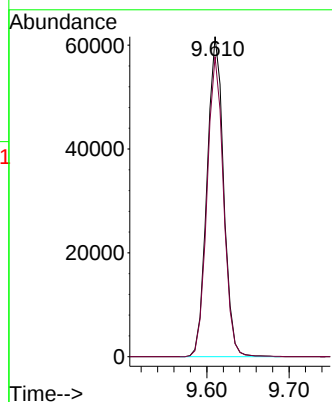
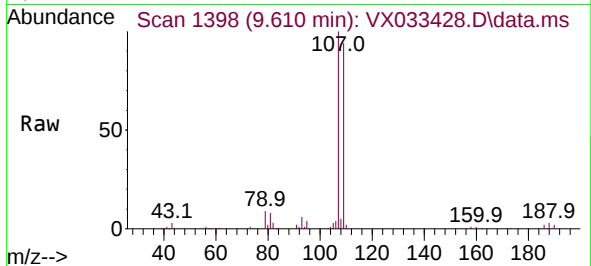




#61
1,2-Dibromoethane
Concen: 53.376 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX033428.D
Acq: 14 Dec 2022 18:58

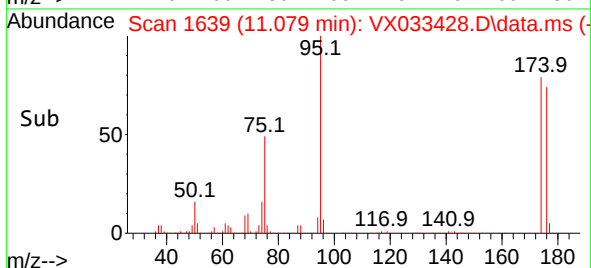
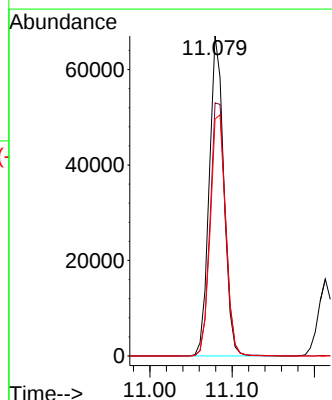
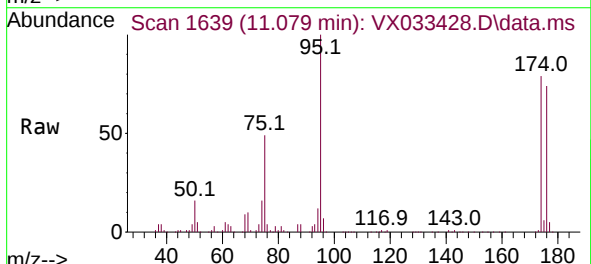
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

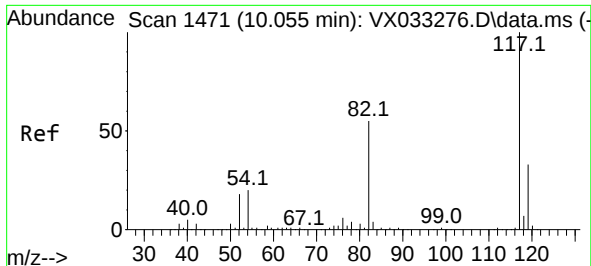
Tgt Ion:107 Resp: 86372
Ion Ratio Lower Upper
107 100
109 93.0 76.0 114.0



#62
4-Bromofluorobenzene
Concen: 52.276 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX033428.D
Acq: 14 Dec 2022 18:58

Tgt Ion: 95 Resp: 82335
Ion Ratio Lower Upper
95 100
174 83.8 0.0 164.0
176 80.0 0.0 154.4

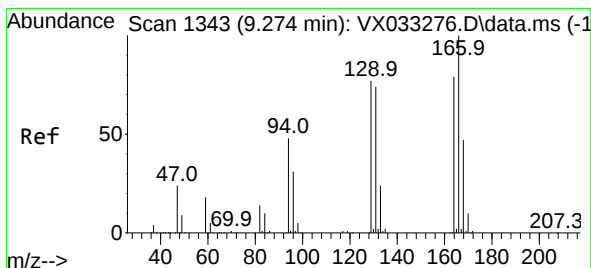
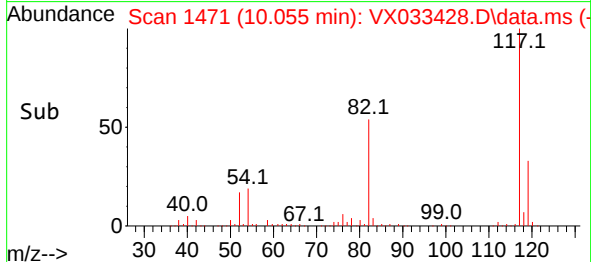
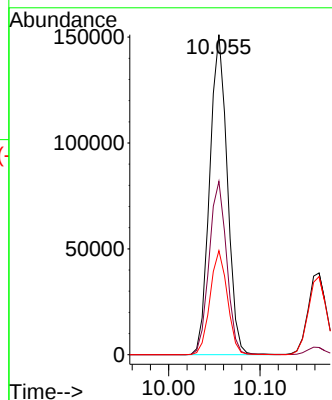
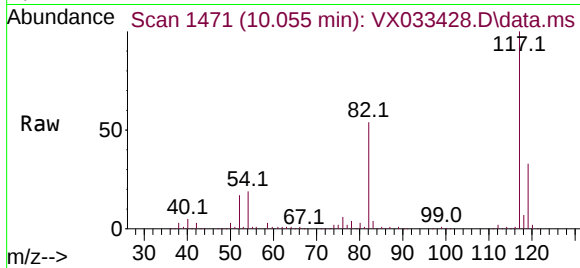




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX033428.D
Acq: 14 Dec 2022 18:58

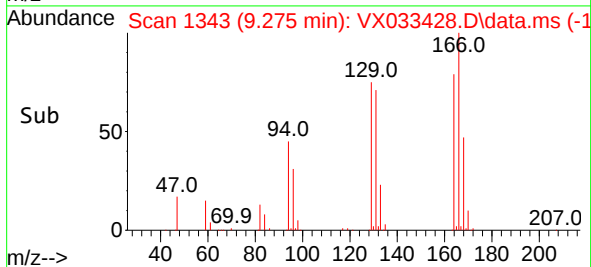
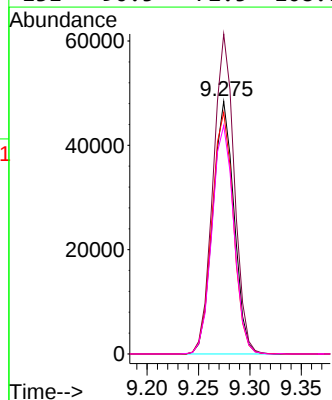
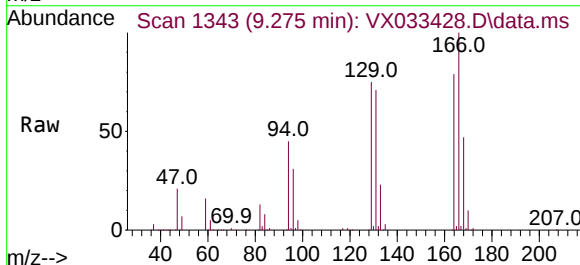
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

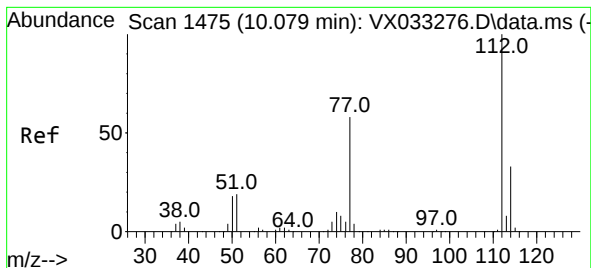
Tgt Ion:117 Resp: 200973
Ion Ratio Lower Upper
117 100
82 54.2 44.3 66.5
119 32.5 25.7 38.5



#64
Tetrachloroethene
Concen: 50.626 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX033428.D
Acq: 14 Dec 2022 18:58

Tgt Ion:164 Resp: 69572
Ion Ratio Lower Upper
164 100
166 126.7 105.4 158.2
129 95.6 78.2 117.2
131 90.5 72.5 108.7





#65

Chlorobenzene

Concen: 51.809 ug/l

RT: 10.079 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VX033428.D

Acq: 14 Dec 2022 18:58

Instrument :

MSVOA_X

ClientSampleId :

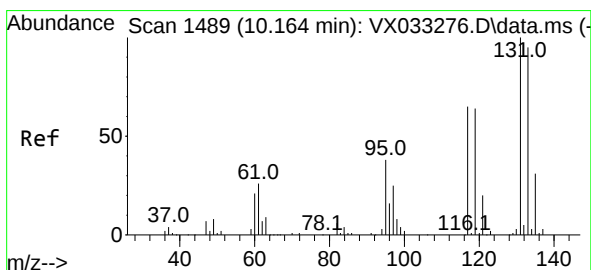
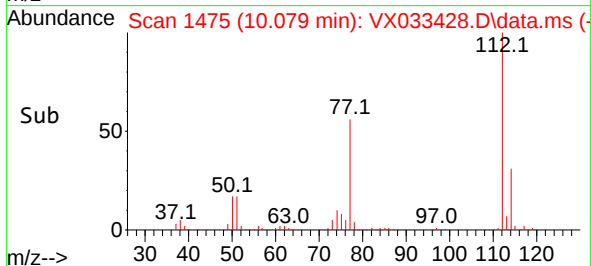
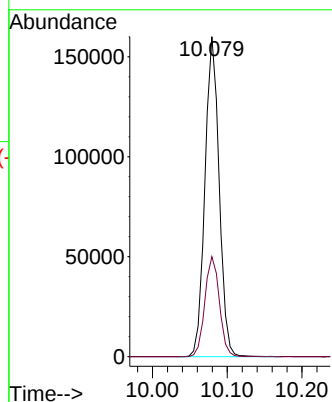
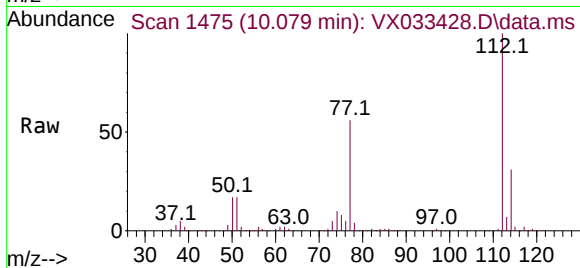
VSTDCCC050EC

Tgt Ion:112 Resp: 210847

Ion Ratio Lower Upper

112 100

114 31.3 25.4 38.2



#66

1,1,1,2-Tetrachloroethane

Concen: 52.786 ug/l

RT: 10.165 min Scan# 1489

Delta R.T. 0.000 min

Lab File: VX033428.D

Acq: 14 Dec 2022 18:58

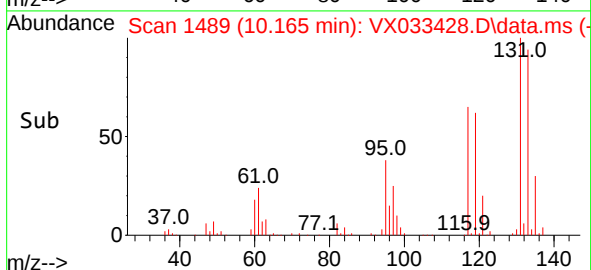
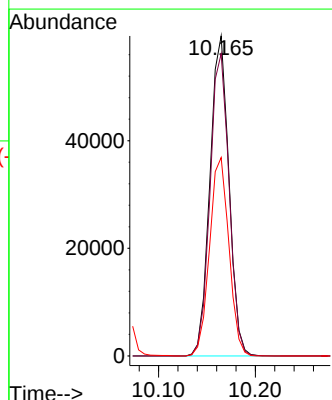
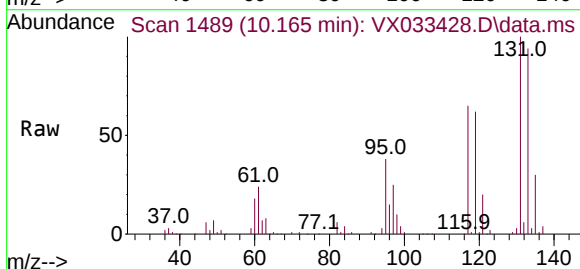
Tgt Ion:131 Resp: 81183

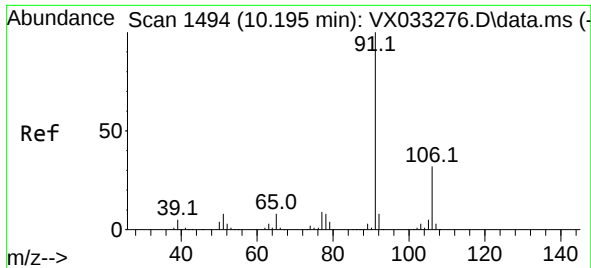
Ion Ratio Lower Upper

131 100

133 94.8 47.6 142.9

119 63.3 32.4 97.0

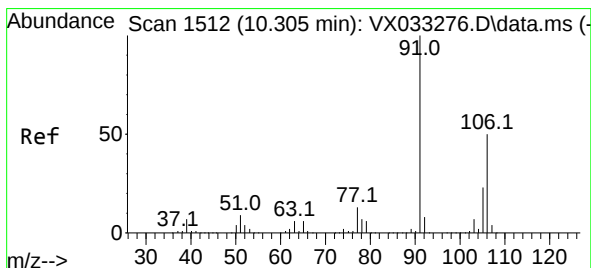
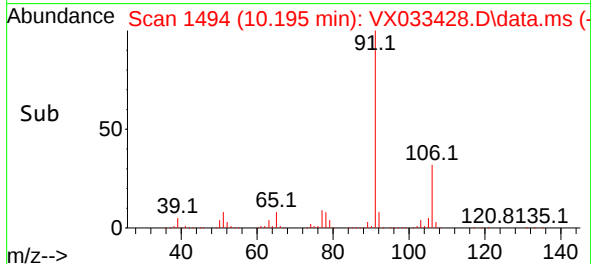
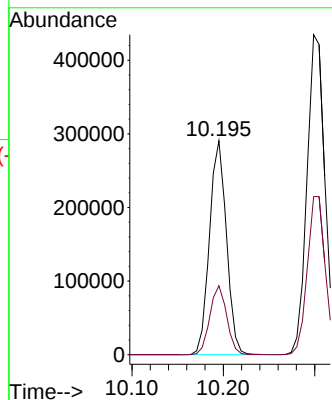
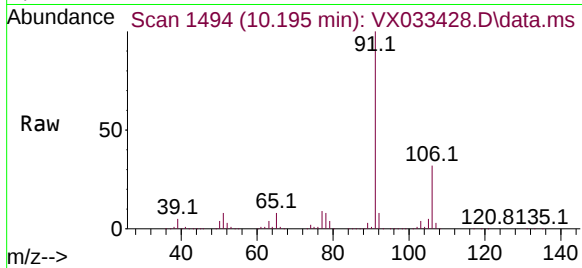




#67
Ethyl Benzene
Concen: 52.769 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX033428.D
Acq: 14 Dec 2022 18:58

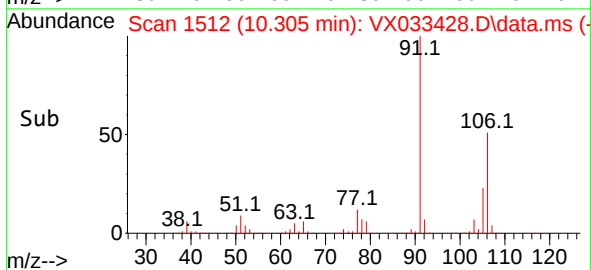
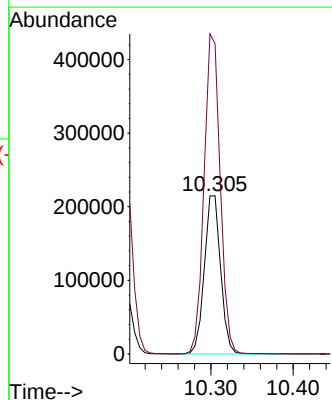
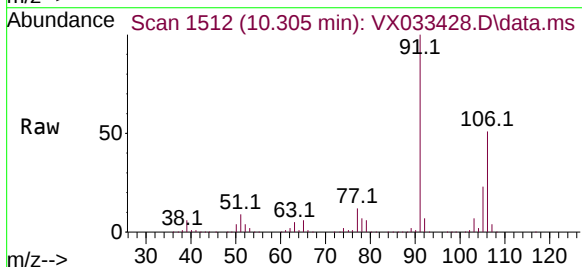
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

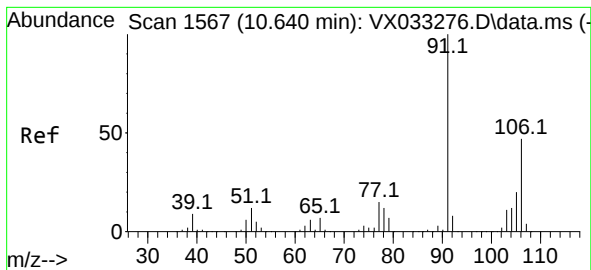
Tgt Ion: 91 Resp: 374134
Ion Ratio Lower Upper
91 100
106 32.2 25.0 37.6



#68
m/p-Xylenes
Concen: 106.912 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX033428.D
Acq: 14 Dec 2022 18:58

Tgt Ion: 106 Resp: 294918
Ion Ratio Lower Upper
106 100
91 200.9 164.5 246.7

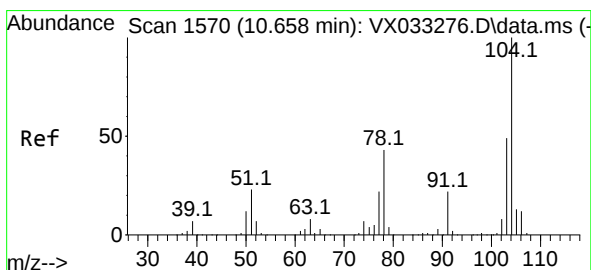
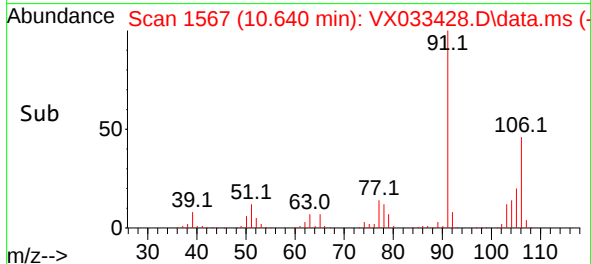
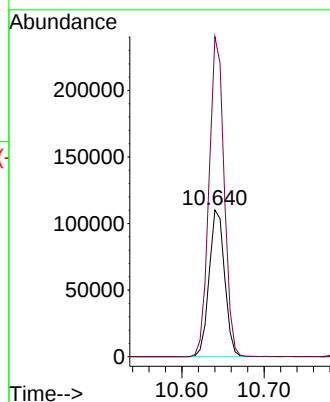
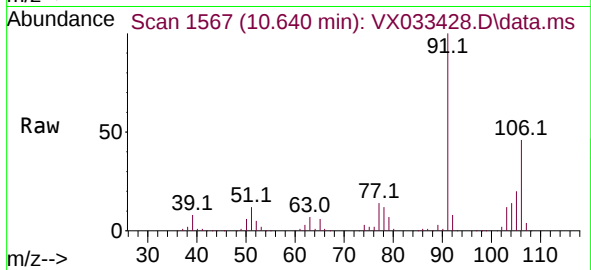




#69
o-Xylene
Concen: 52.834 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX033428.D
Acq: 14 Dec 2022 18:58

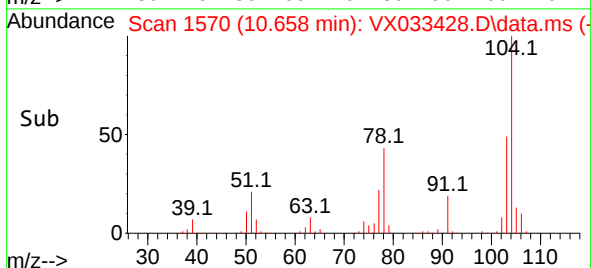
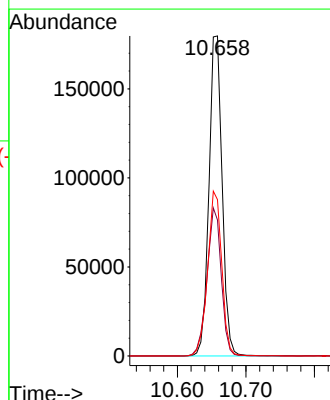
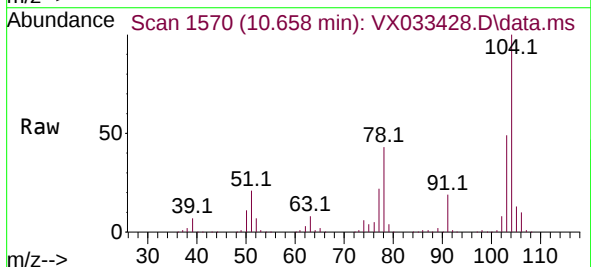
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

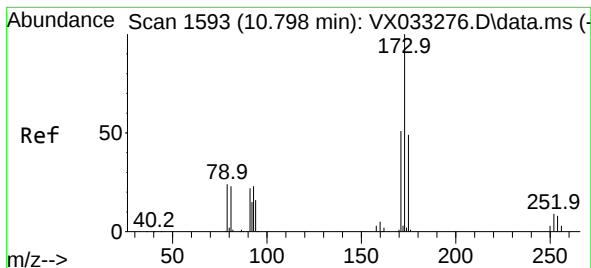
Tgt Ion:106 Resp: 144060
Ion Ratio Lower Upper
106 100
91 212.7 109.2 327.6



#70
Styrene
Concen: 53.913 ug/l
RT: 10.658 min Scan# 1570
Delta R.T. 0.000 min
Lab File: VX033428.D
Acq: 14 Dec 2022 18:58

Tgt Ion:104 Resp: 240756
Ion Ratio Lower Upper
104 100
78 49.9 41.8 62.8
103 55.2 44.5 66.7





#71

Bromoform

Concen: 51.965 ug/l

RT: 10.799 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX033428.D

Acq: 14 Dec 2022 18:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

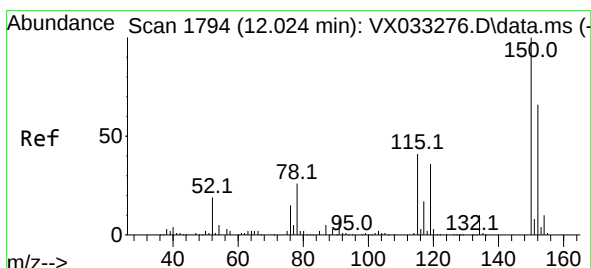
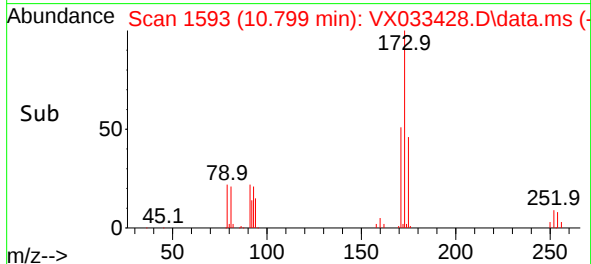
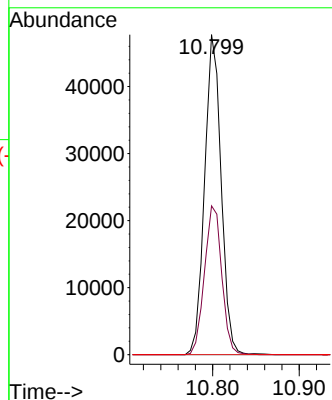
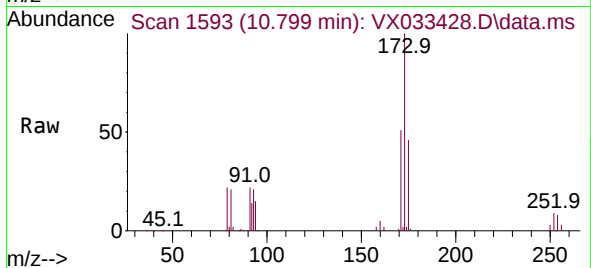
Tgt Ion:173 Resp: 63261

Ion Ratio Lower Upper

173 100

175 48.7 23.9 71.8

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX033428.D

Acq: 14 Dec 2022 18:58

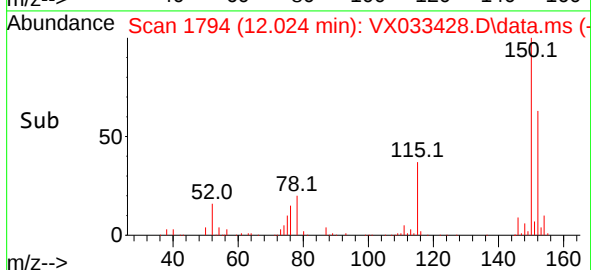
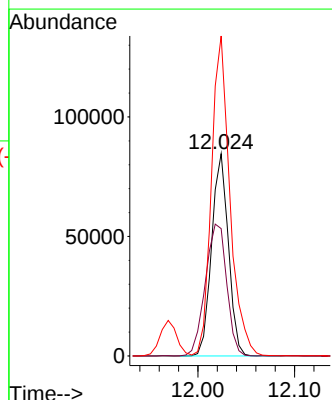
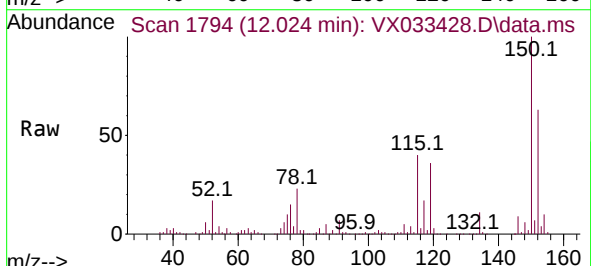
Tgt Ion:152 Resp: 101340

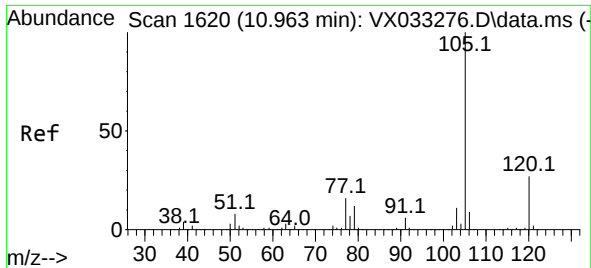
Ion Ratio Lower Upper

152 100

115 83.7 44.0 132.0

150 174.7 0.0 351.8

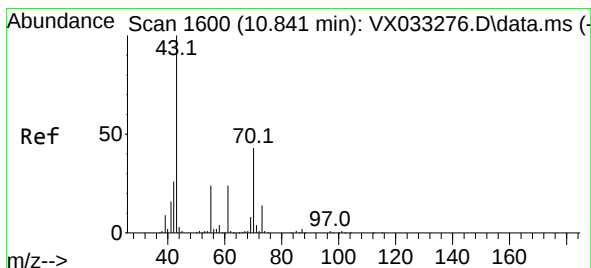
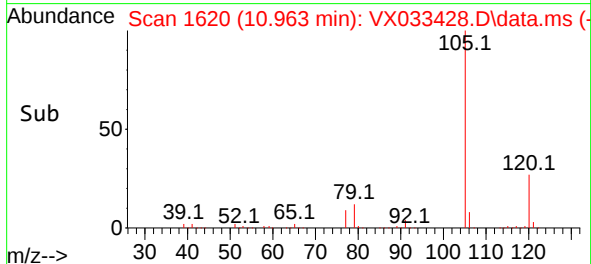
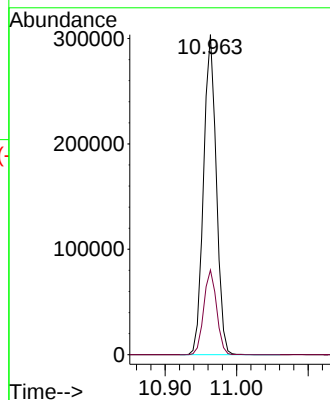
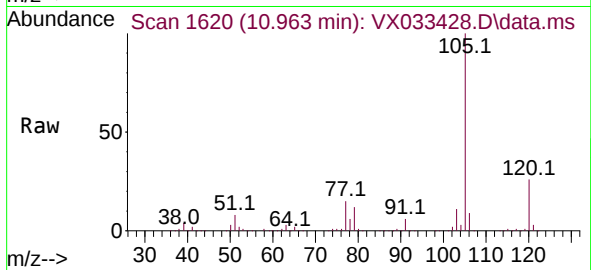




#73
Isopropylbenzene
Concen: 51.140 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX033428.D
Acq: 14 Dec 2022 18:58

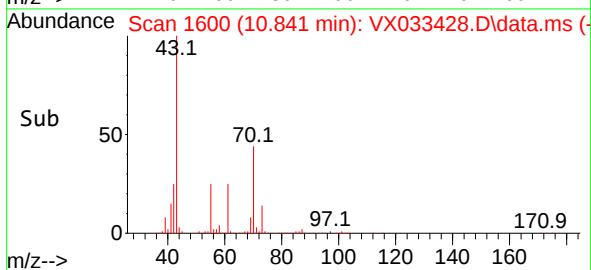
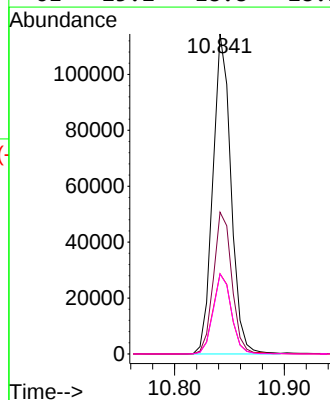
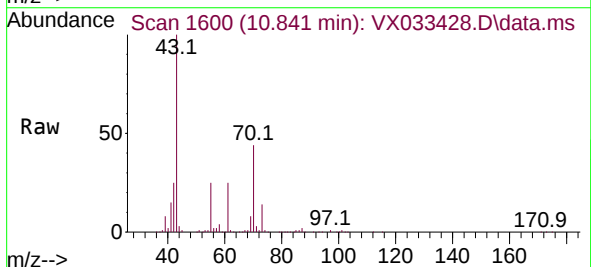
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

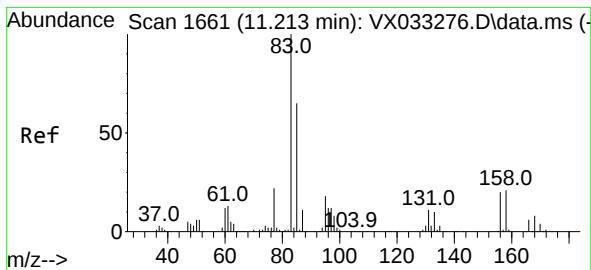
Tgt Ion:105 Resp: 375632
Ion Ratio Lower Upper
105 100
120 26.6 13.1 39.3



#74
N-ethyl acetate
Concen: 52.473 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX033428.D
Acq: 14 Dec 2022 18:58

Tgt Ion: 43 Resp: 131500
Ion Ratio Lower Upper
43 100
70 45.3 33.6 50.4
55 25.7 19.4 29.2
61 25.2 18.8 28.2

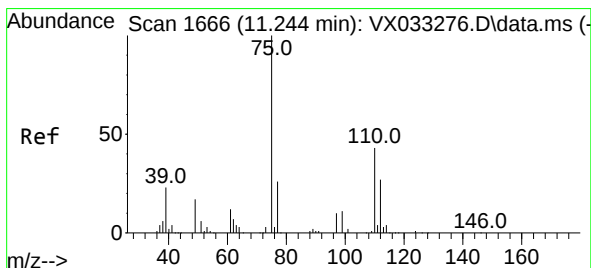
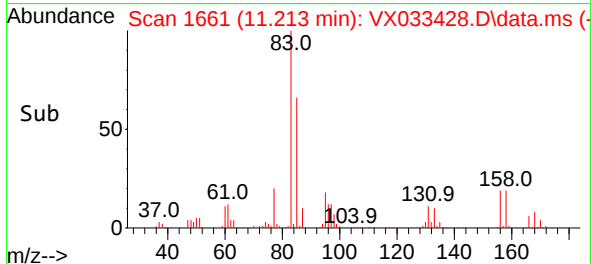
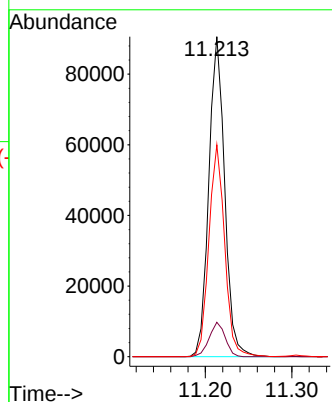
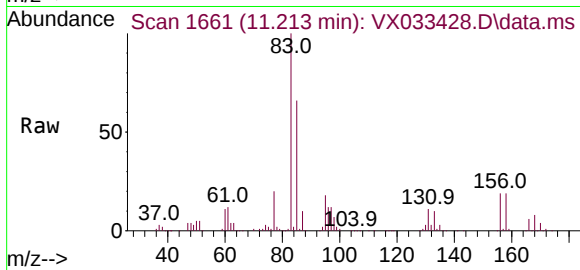




#75
 1,1,2,2-Tetrachloroethane
 Concen: 49.437 ug/l
 RT: 11.213 min Scan# 1661
 Delta R.T. 0.000 min
 Lab File: VX033428.D
 Acq: 14 Dec 2022 18:58

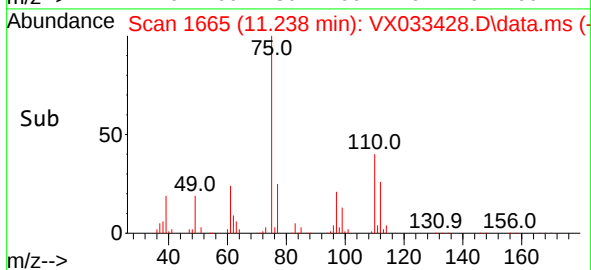
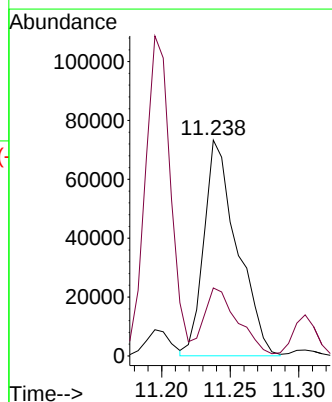
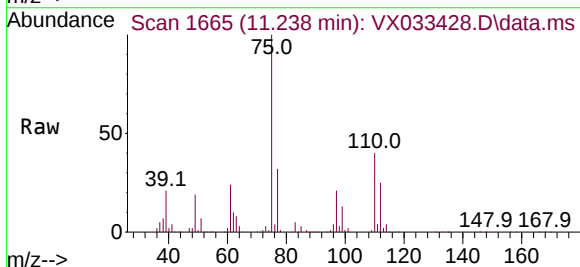
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

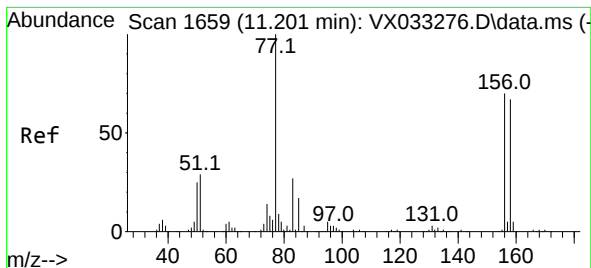
Tgt Ion: 83 Resp: 115200
 Ion Ratio Lower Upper
 83 100
 131 10.9 5.4 16.2
 85 66.0 31.9 95.9



#76
 1,2,3-Trichloropropane
 Concen: 59.912 ug/l
 RT: 11.238 min Scan# 1665
 Delta R.T. -0.006 min
 Lab File: VX033428.D
 Acq: 14 Dec 2022 18:58

Tgt Ion: 75 Resp: 123525
 Ion Ratio Lower Upper
 75 100
 77 32.4 20.0 60.0





#77

Bromobenzene

Concen: 50.705 ug/l

RT: 11.201 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX033428.D

Acq: 14 Dec 2022 18:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

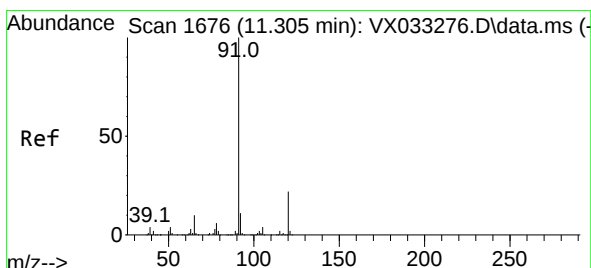
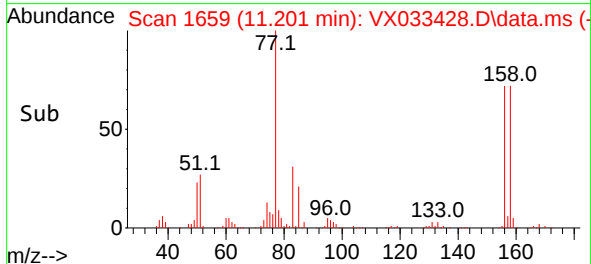
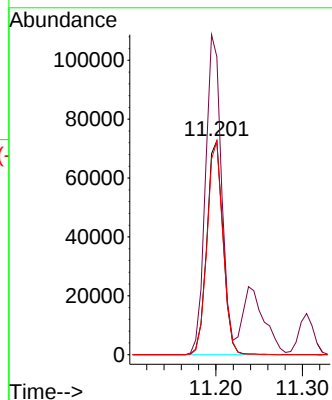
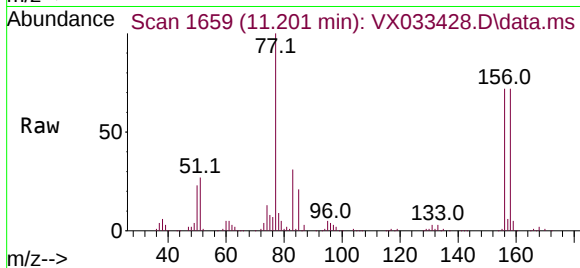
Tgt Ion:156 Resp: 94048

Ion Ratio Lower Upper

156 100

77 148.3 76.1 228.4

158 98.0 48.8 146.3



#78

n-propylbenzene

Concen: 52.099 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VX033428.D

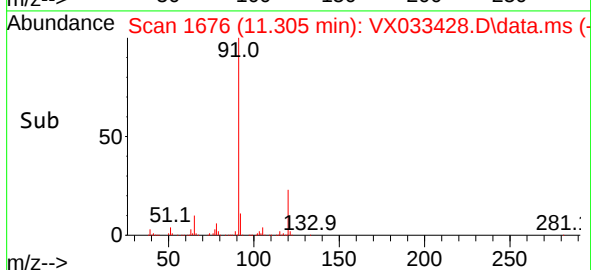
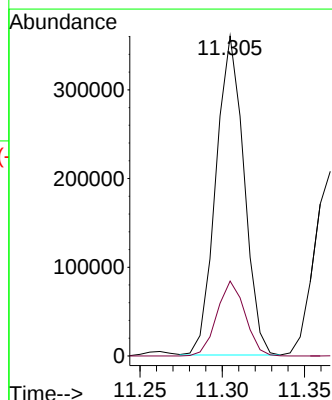
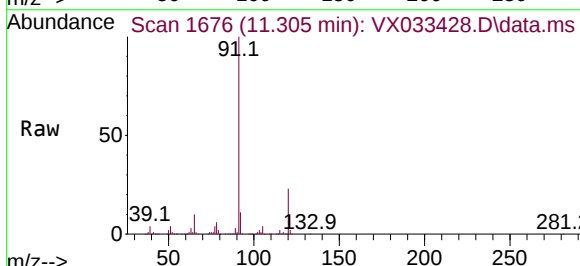
Acq: 14 Dec 2022 18:58

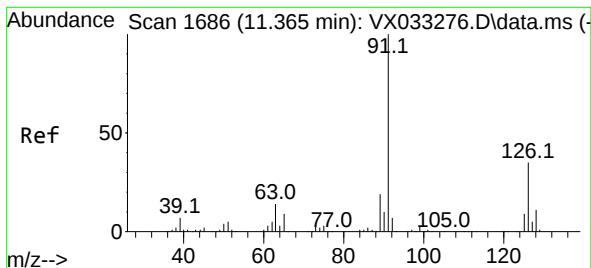
Tgt Ion: 91 Resp: 427297

Ion Ratio Lower Upper

91 100

120 23.5 11.6 34.8





#79

2-Chlorotoluene

Concen: 50.519 ug/l

RT: 11.366 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX033428.D

Acq: 14 Dec 2022 18:58

Instrument :

MSVOA_X

ClientSampleId :

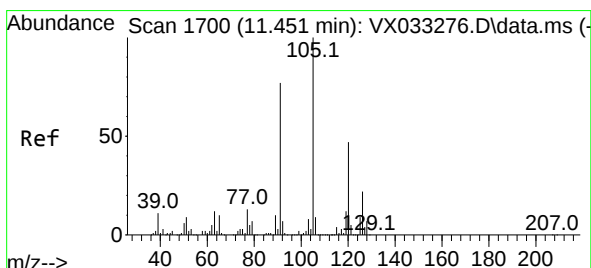
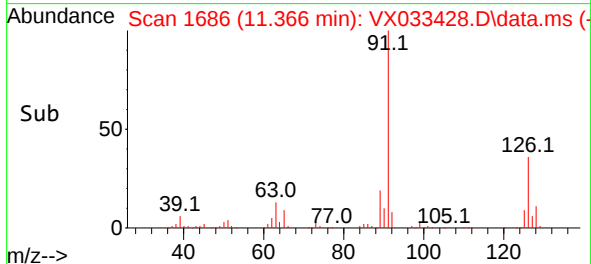
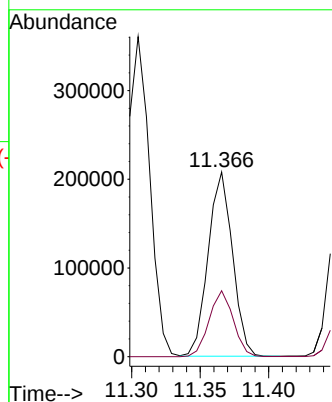
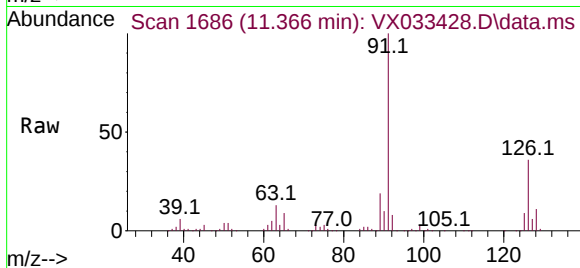
VSTDCCC050EC

Tgt Ion: 91 Resp: 256064

Ion Ratio Lower Upper

91 100

126 35.6 17.1 51.2



#80

1,3,5-Trimethylbenzene

Concen: 51.851 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX033428.D

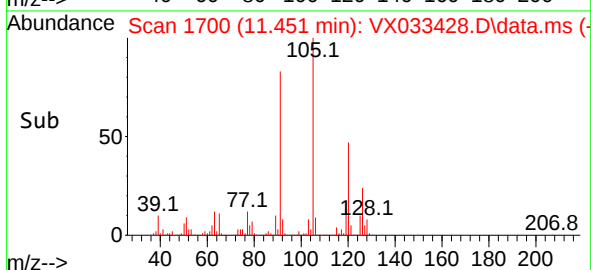
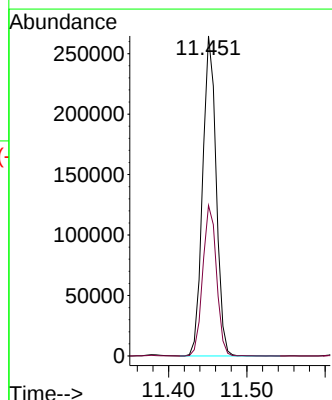
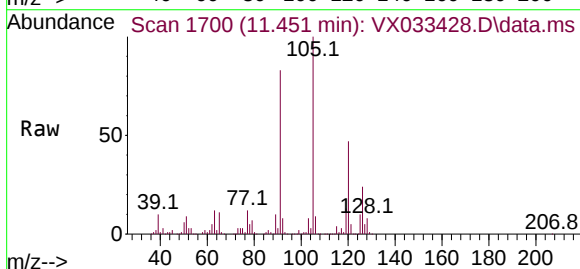
Acq: 14 Dec 2022 18:58

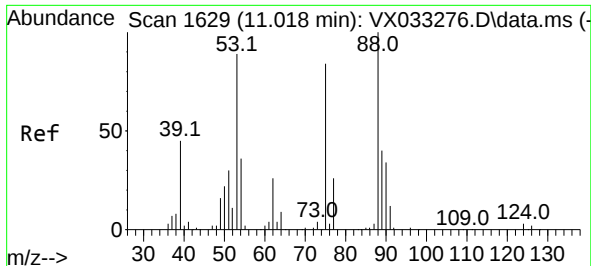
Tgt Ion: 105 Resp: 317025

Ion Ratio Lower Upper

105 100

120 47.8 23.6 71.0

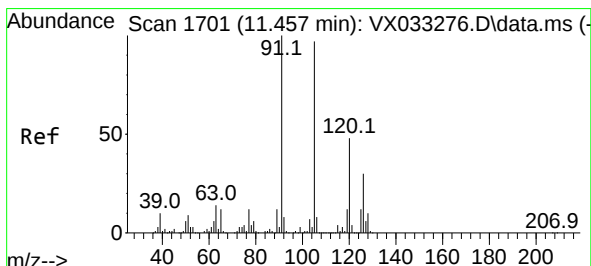
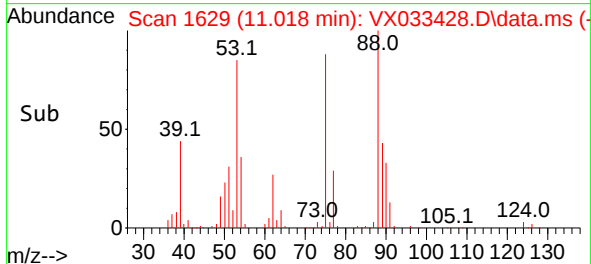
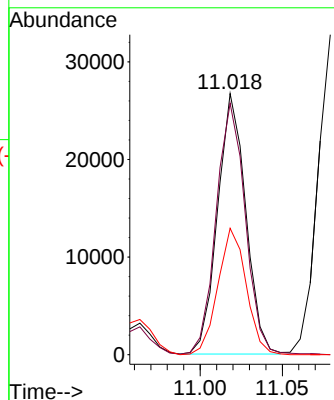
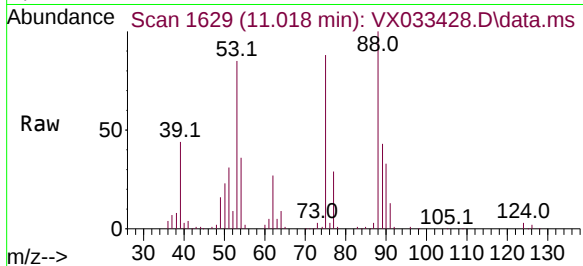




#81
trans-1,4-Dichloro-2-butene
Concen: 47.960 ug/l
RT: 11.018 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX033428.D
Acq: 14 Dec 2022 18:58

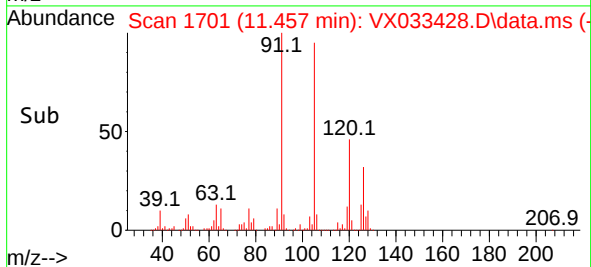
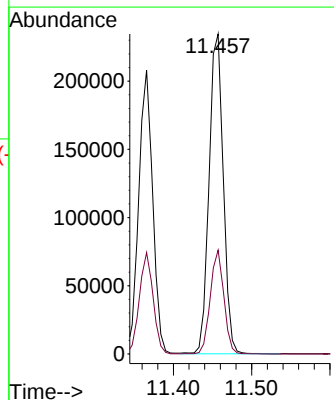
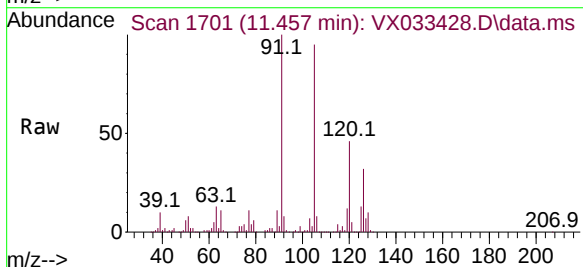
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

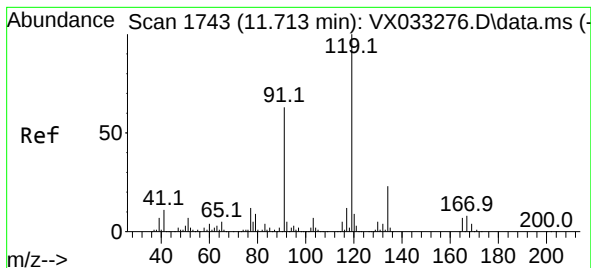
Tgt Ion: 75 Resp: 31788
Ion Ratio Lower Upper
75 100
53 100.3 86.9 130.3
89 48.8 38.3 57.5



#82
4-Chlorotoluene
Concen: 50.023 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX033428.D
Acq: 14 Dec 2022 18:58

Tgt Ion: 91 Resp: 294825
Ion Ratio Lower Upper
91 100
126 31.0 14.8 44.4





#83

tert-Butylbenzene

Concen: 52.112 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX033428.D

Acq: 14 Dec 2022 18:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

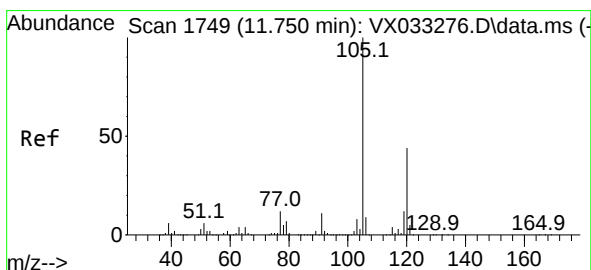
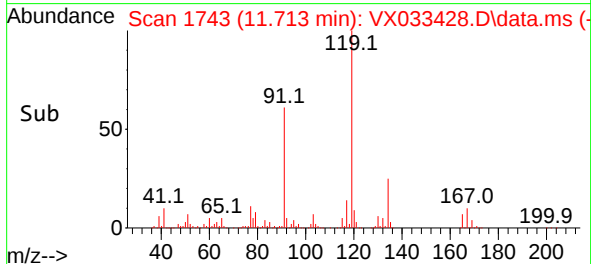
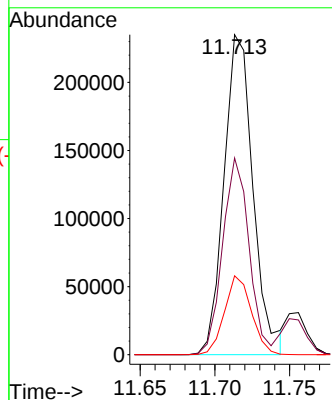
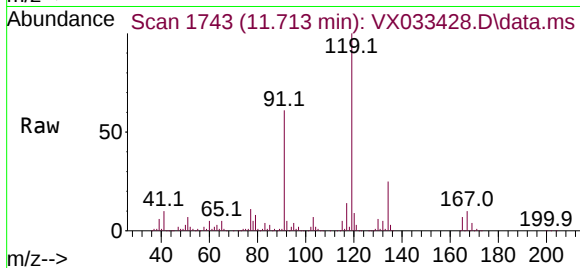
Tgt Ion:119 Resp: 317727

Ion Ratio Lower Upper

119 100

91 56.0 29.4 88.2

134 22.9 11.0 33.0



#84

1,2,4-Trimethylbenzene

Concen: 51.504 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX033428.D

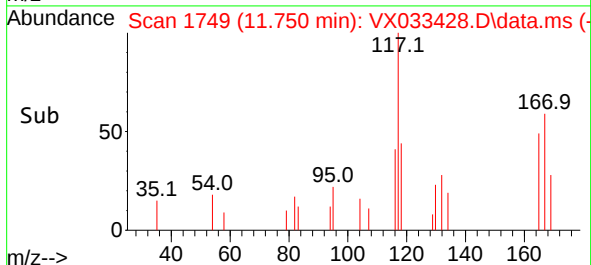
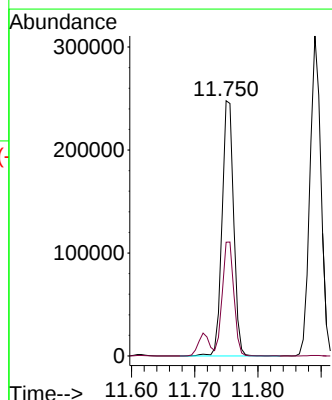
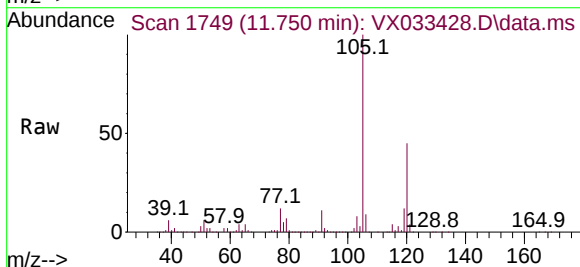
Acq: 14 Dec 2022 18:58

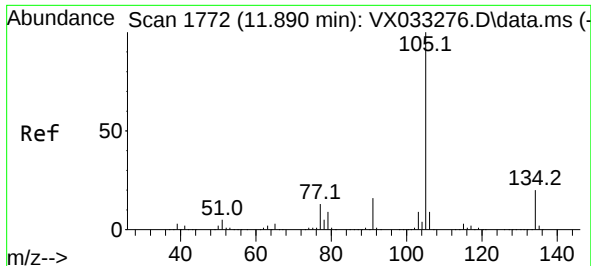
Tgt Ion:105 Resp: 314344

Ion Ratio Lower Upper

105 100

120 44.3 21.9 65.5

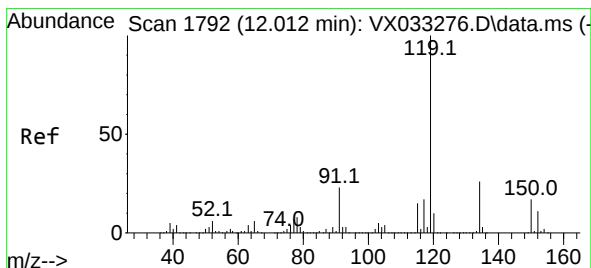
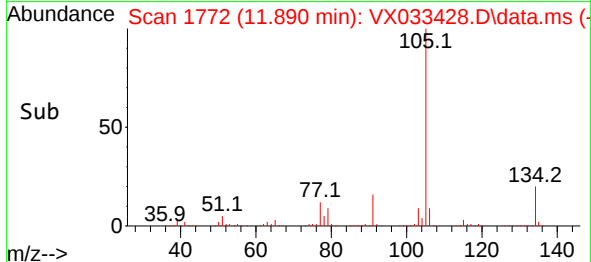
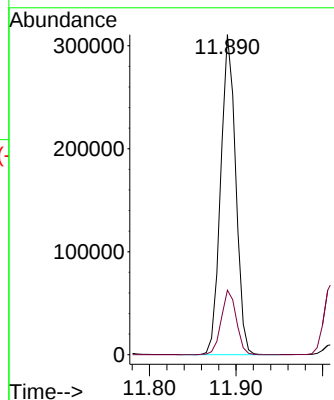
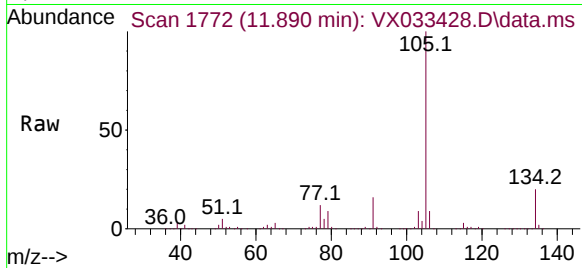




#85
 sec-Butylbenzene
 Concen: 52.684 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX033428.D
 Acq: 14 Dec 2022 18:58

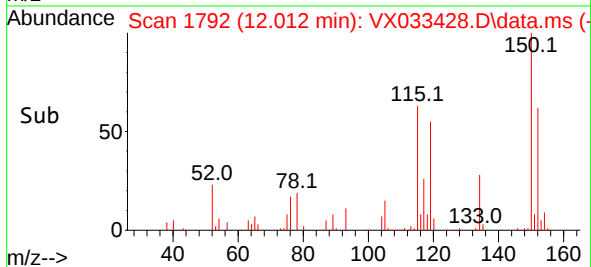
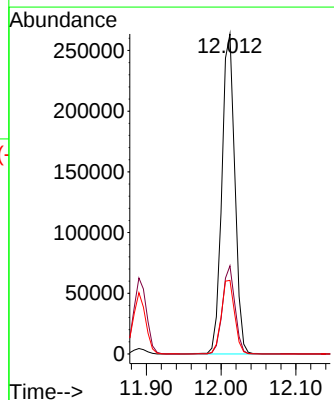
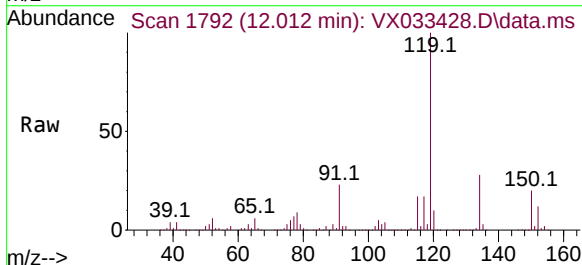
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:105 Resp: 374772
 Ion Ratio Lower Upper
 105 100
 134 20.1 9.9 29.7



#86
 p-Isopropyltoluene
 Concen: 52.069 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.000 min
 Lab File: VX033428.D
 Acq: 14 Dec 2022 18:58

Tgt Ion:119 Resp: 319339
 Ion Ratio Lower Upper
 119 100
 134 26.6 12.9 38.7
 91 23.6 12.5 37.5





#87

1,3-Dichlorobenzene

Concen: 51.214 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX033428.D

Acq: 14 Dec 2022 18:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

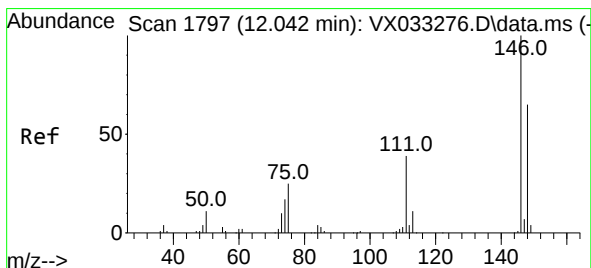
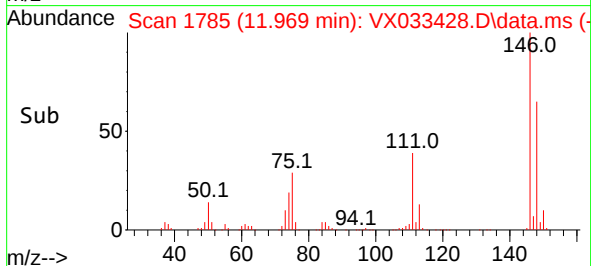
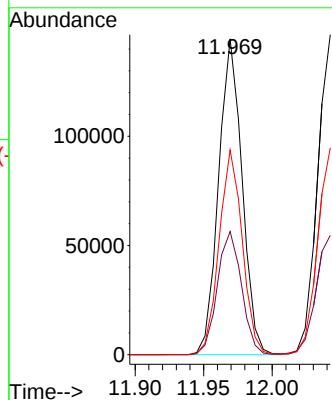
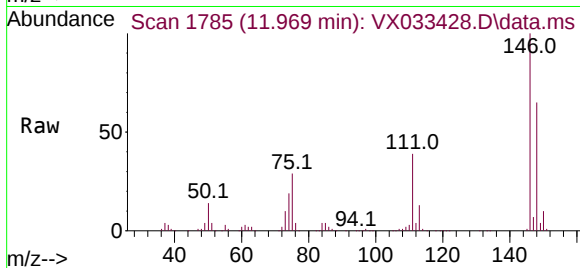
Tgt Ion:146 Resp: 172074

Ion Ratio Lower Upper

146 100

111 40.3 20.6 61.8

148 64.1 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 50.669 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX033428.D

Acq: 14 Dec 2022 18:58

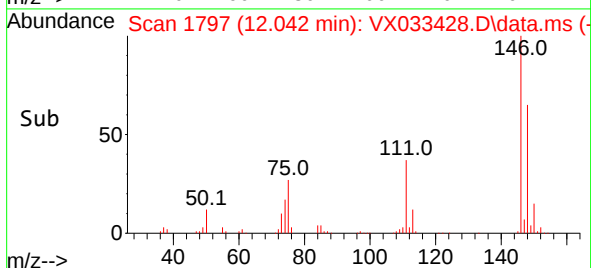
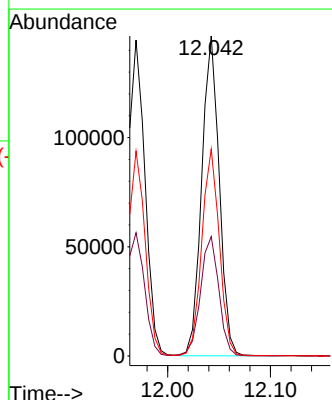
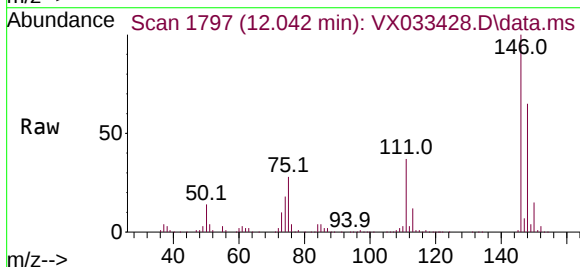
Tgt Ion:146 Resp: 173894

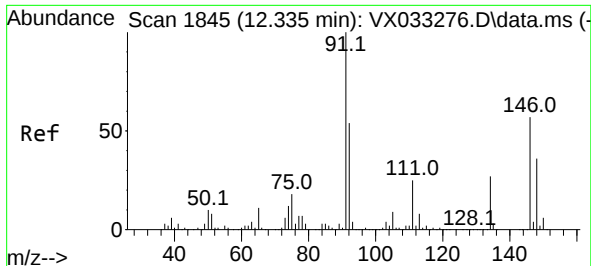
Ion Ratio Lower Upper

146 100

111 39.0 20.5 61.6

148 65.2 32.2 96.6





#89

n-Butylbenzene

Concen: 53.056 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX033428.D

Acq: 14 Dec 2022 18:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

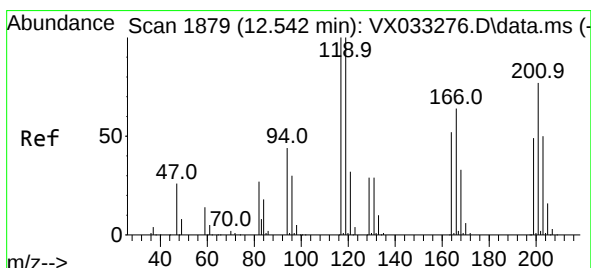
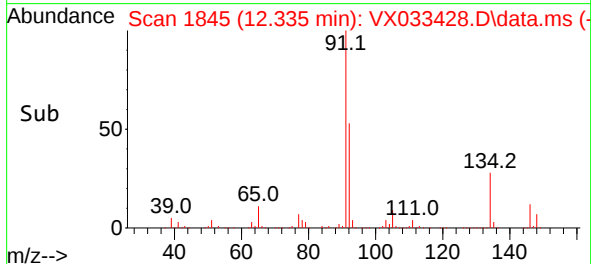
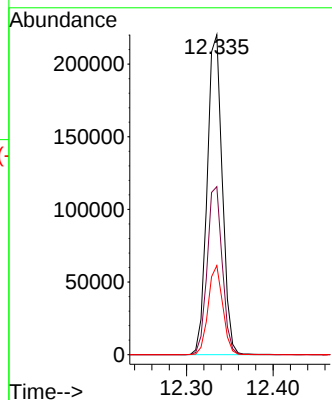
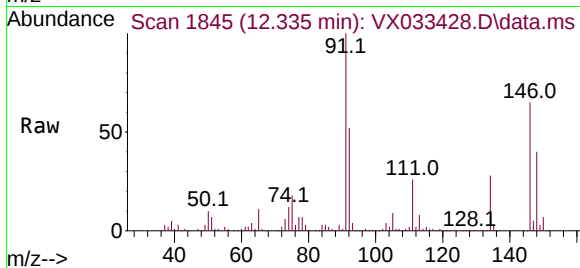
Tgt Ion: 91 Resp: 266512

Ion Ratio Lower Upper

91 100

92 52.6 26.2 78.6

134 26.9 12.9 38.6



#90

Hexachloroethane

Concen: 49.647 ug/l

RT: 12.542 min Scan# 1879

Delta R.T. 0.000 min

Lab File: VX033428.D

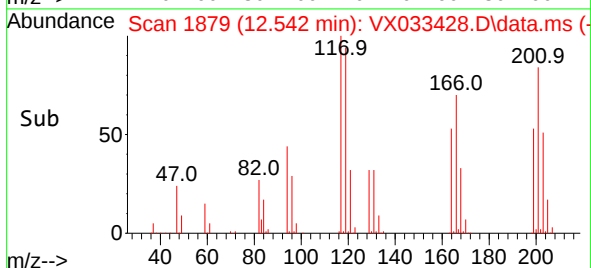
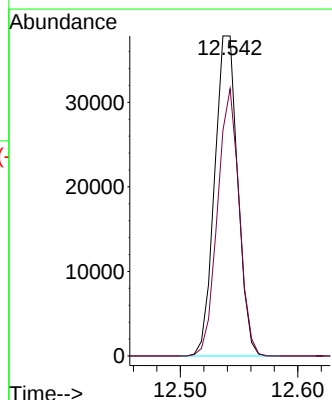
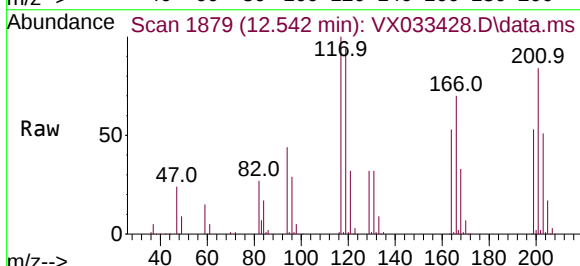
Acq: 14 Dec 2022 18:58

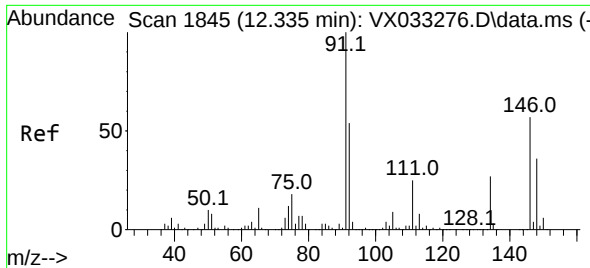
Tgt Ion: 117 Resp: 51756

Ion Ratio Lower Upper

117 100

201 78.4 37.6 112.9

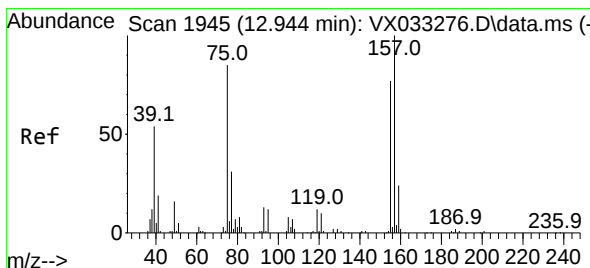
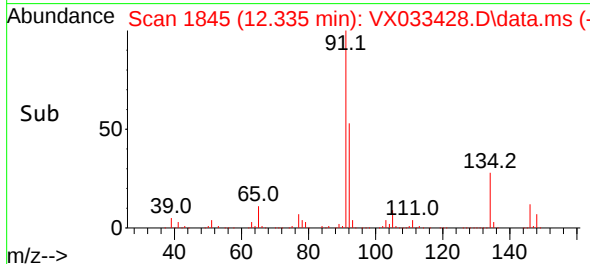
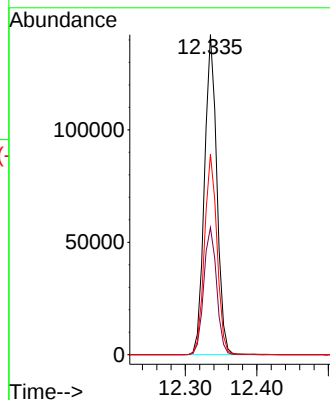
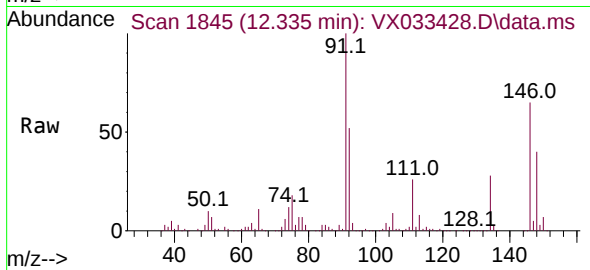




#91
1,2-Dichlorobenzene
Concen: 51.004 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX033428.D
Acq: 14 Dec 2022 18:58

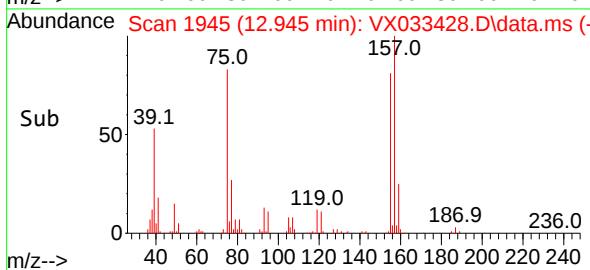
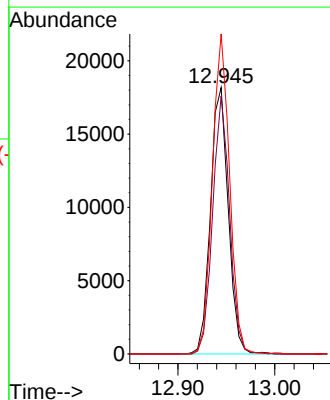
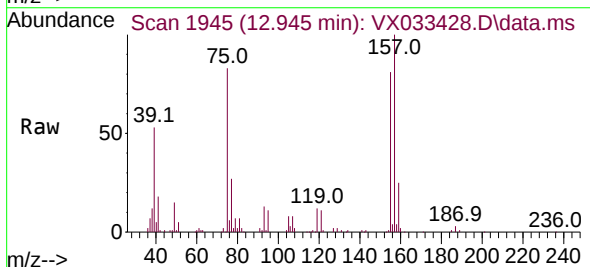
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

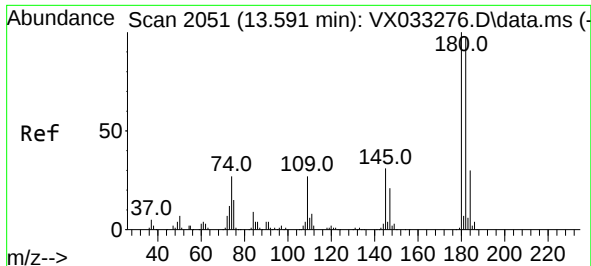
Tgt Ion:146 Resp: 171330
Ion Ratio Lower Upper
146 100
111 41.1 21.5 64.5
148 63.4 32.0 96.2



#92
1,2-Dibromo-3-Chloropropane
Concen: 46.234 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.000 min
Lab File: VX033428.D
Acq: 14 Dec 2022 18:58

Tgt Ion: 75 Resp: 23271
Ion Ratio Lower Upper
75 100
155 92.2 41.6 124.8
157 116.4 54.1 162.4

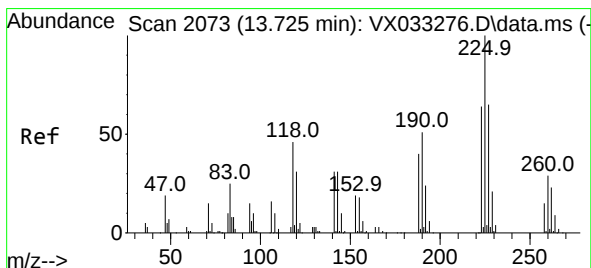
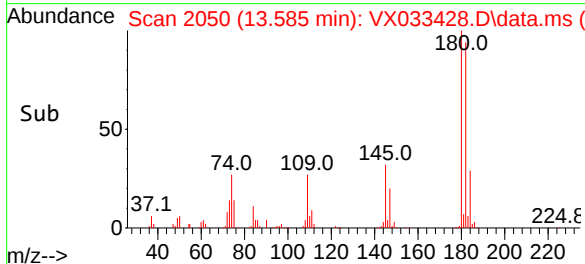
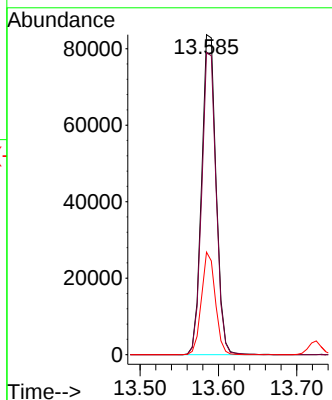
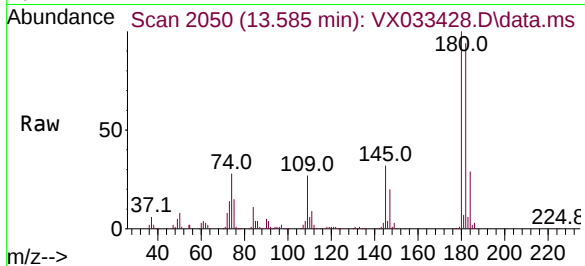




#93
1,2,4-Trichlorobenzene
Concen: 52.697 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. -0.006 min
Lab File: VX033428.D
Acq: 14 Dec 2022 18:58

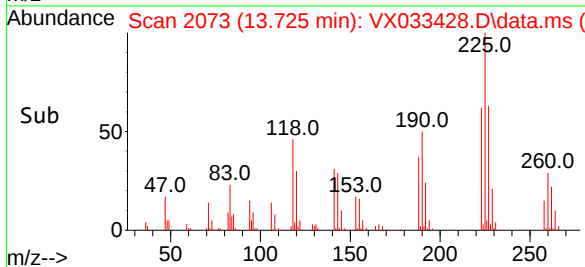
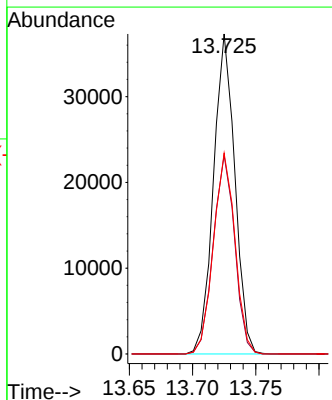
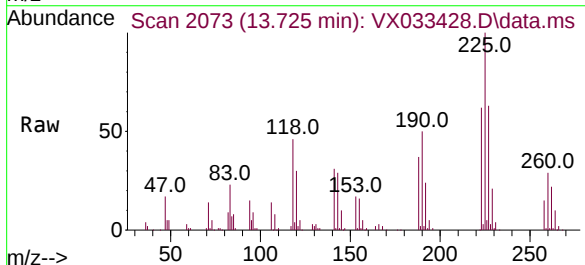
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

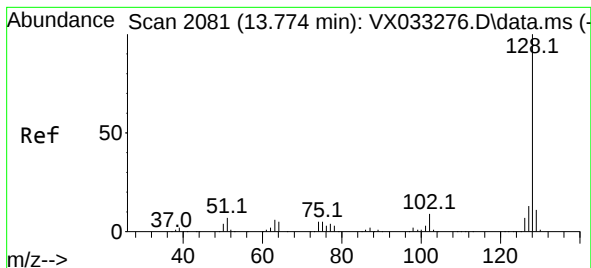
Tgt Ion:180 Resp: 106907
Ion Ratio Lower Upper
180 100
182 94.1 48.4 145.0
145 30.8 16.2 48.5



#94
Hexachlorobutadiene
Concen: 53.686 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX033428.D
Acq: 14 Dec 2022 18:58

Tgt Ion:225 Resp: 43614
Ion Ratio Lower Upper
225 100
223 62.4 31.9 95.9
227 63.5 31.9 95.5





#95

Naphthalene

Concen: 52.733 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX033428.D

Acq: 14 Dec 2022 18:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

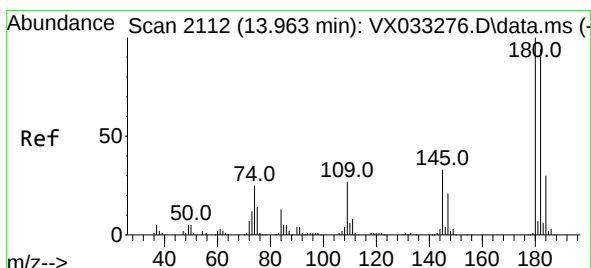
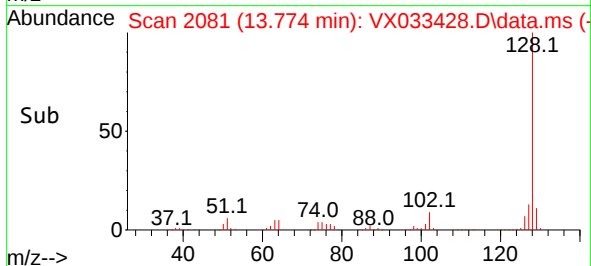
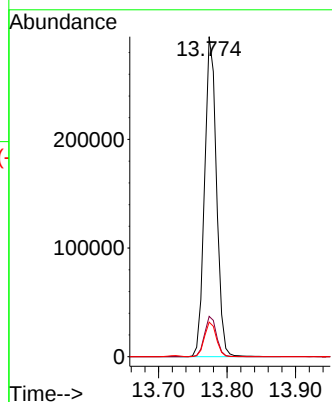
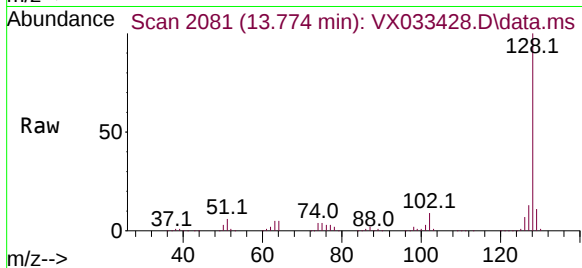
Tgt Ion:128 Resp: 356850

Ion Ratio Lower Upper

128 100

127 12.7 10.2 15.4

129 10.8 8.9 13.3



#96

1,2,3-Trichlorobenzene

Concen: 51.722 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. 0.000 min

Lab File: VX033428.D

Acq: 14 Dec 2022 18:58

Tgt Ion:180 Resp: 106272

Ion Ratio Lower Upper

180 100

182 95.3 47.5 142.6

145 33.4 16.9 50.6

