

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061323\
 Data File : VX036131.D
 Acq On : 13 Jun 2023 08:58
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Jun 14 00:47:17 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X053123W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 31 12:50:30 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	183125	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	319167	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	300314	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	149154	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	159978	53.798	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	107.600%
35) Dibromofluoromethane	5.379	113	111911	52.132	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.260%
50) Toluene-d8	8.647	98	392276	50.916	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	101.840%
62) 4-Bromofluorobenzene	11.079	95	171198	56.290	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	112.580%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	98582	49.271	ug/l	100
3) Chloromethane	1.294	50	100621	43.999	ug/l	100
4) Vinyl Chloride	1.374	62	97493	45.384	ug/l	99
5) Bromomethane	1.617	94	60473	42.742	ug/l	100
6) Chloroethane	1.691	64	63844	50.473	ug/l	99
7) Trichlorofluoromethane	1.886	101	151899	50.251	ug/l	99
8) Diethyl Ether	2.130	74	64188	48.895	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.331	101	98900	52.716	ug/l	99
10) Methyl Iodide	2.453	142	99324	44.975	ug/l	97
11) Tert butyl alcohol	3.056	59	56862	107.672	ug/l #	78
12) 1,1-Dichloroethene	2.319	96	89228	48.568	ug/l	99
13) Acrolein	2.245	56	112865	221.872	ug/l	99
14) Allyl chloride	2.666	41	183850	48.681	ug/l	99
15) Acrylonitrile	3.068	53	313325	252.521	ug/l	99
16) Acetone	2.404	43	358299	292.056	ug/l	99
17) Carbon Disulfide	2.514	76	190980	41.486	ug/l	97
18) Methyl Acetate	2.709	43	253676	53.188	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	376202	52.275	ug/l	100
20) Methylene Chloride	2.788	84	110038	46.563	ug/l	99
21) trans-1,2-Dichloroethene	3.087	96	96593	45.994	ug/l	94
22) Diisopropyl ether	3.751	45	386664	52.638	ug/l #	86
23) Vinyl Acetate	3.721	43	1377378	266.883	ug/l	99
24) 1,1-Dichloroethane	3.605	63	208691	51.222	ug/l	99
25) 2-Butanone	4.568	43	467848	266.442	ug/l	99
26) 2,2-Dichloropropane	4.471	77	177545	57.170	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	119721	47.498	ug/l	97
28) Bromochloromethane	4.897	49	112391	52.678	ug/l	97
29) Tetrahydrofuran	5.013	42	283839	250.845	ug/l	99
30) Chloroform	5.086	83	222354	52.986	ug/l	98
31) Cyclohexane	5.464	56	155448	49.927	ug/l	99
32) 1,1,1-Trichloroethane	5.379	97	190574	53.740	ug/l	99
36) 1,1-Dichloropropene	5.690	75	148869	52.011	ug/l	100
37) Ethyl Acetate	4.708	43	177157	55.576	ug/l	99
38) Carbon Tetrachloride	5.672	117	159442	57.162	ug/l	97
39) Methylcyclohexane	7.379	83	157326	52.681	ug/l	98
40) Benzene	6.037	78	427349	49.747	ug/l	100

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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	103915	57.465	ug/l	99
42) 1,2-Dichloroethane	6.080	62	193139	56.774	ug/l	100
43) Isopropyl Acetate	6.336	43	295889	56.452	ug/l	99
44) Trichloroethene	7.123	130	108106	48.511	ug/l	94
45) 1,2-Dichloropropane	7.427	63	117176	51.824	ug/l	98
46) Dibromomethane	7.580	93	83443	53.127	ug/l	98
47) Bromodichloromethane	7.818	83	168841	57.148	ug/l	97
48) Methyl methacrylate	7.690	41	145366	56.554	ug/l	99
49) 1,4-Dioxane	7.738	88	51561	875.866	ug/l #	80
51) 4-Methyl-2-Pentanone	8.574	43	909585	284.299	ug/l	100
52) Toluene	8.714	92	275331	50.980	ug/l	97
53) t-1,3-Dichloropropene	8.976	75	181184	58.013	ug/l	99
54) cis-1,3-Dichloropropene	8.360	75	191394	55.495	ug/l	99
55) 1,1,2-Trichloroethane	9.147	97	118198	52.529	ug/l	99
56) Ethyl methacrylate	9.116	69	188273	55.965	ug/l	99
57) 1,3-Dichloropropane	9.305	76	206498	53.325	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	458126	259.897	ug/l	99
59) 2-Hexanone	9.427	43	698234	295.193	ug/l	98
60) Dibromochloromethane	9.519	129	122876	56.252	ug/l	100
61) 1,2-Dibromoethane	9.610	107	123218	53.565	ug/l	100
64) Tetrachloroethene	9.269	164	89131	47.229	ug/l	98
65) Chlorobenzene	10.079	112	297507	49.096	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	112394	52.736	ug/l	99
67) Ethyl Benzene	10.189	91	551447	51.133	ug/l	99
68) m/p-Xylenes	10.299	106	413883	101.158	ug/l	100
69) o-Xylene	10.640	106	205862	50.070	ug/l	100
70) Styrene	10.652	104	352628	53.080	ug/l	99
71) Bromoform	10.799	173	79800	54.064	ug/l #	99
73) Isopropylbenzene	10.963	105	550938	50.830	ug/l	99
74) N-amyl acetate	10.841	43	253503	53.659	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	187263	50.507	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	210964	62.711	ug/l	83
77) Bromobenzene	11.195	156	126010	47.012	ug/l	98
78) n-propylbenzene	11.305	91	654395	53.493	ug/l	99
79) 2-Chlorotoluene	11.360	91	404030	50.713	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	473657	51.832	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	52384	52.450	ug/l	97
82) 4-Chlorotoluene	11.451	91	476102	52.066	ug/l	100
83) tert-Butylbenzene	11.713	119	455729	52.200	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	484095	51.618	ug/l	100
85) sec-Butylbenzene	11.890	105	571422	55.181	ug/l	99
86) p-Isopropyltoluene	12.006	119	484826	54.761	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	242532	49.396	ug/l	100
88) 1,4-Dichlorobenzene	12.042	146	245484	47.461	ug/l	100
89) n-Butylbenzene	12.329	91	431074	57.633	ug/l	100
90) Hexachloroethane	12.536	117	77611	55.281	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	238024	48.699	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	40433	52.843	ug/l	98
93) 1,2,4-Trichlorobenzene	13.585	180	139697	49.114	ug/l	99
94) Hexachlorobutadiene	13.725	225	55561	51.350	ug/l	99
95) Naphthalene	13.774	128	489288	49.424	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	137189	48.896	ug/l	98

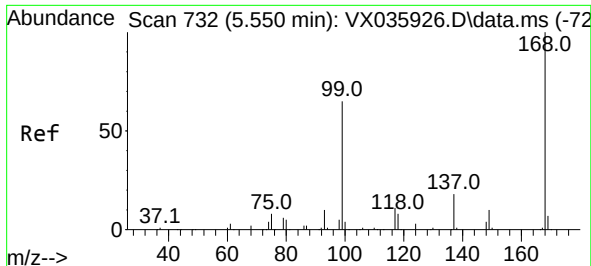
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Response via : Initial Calibration

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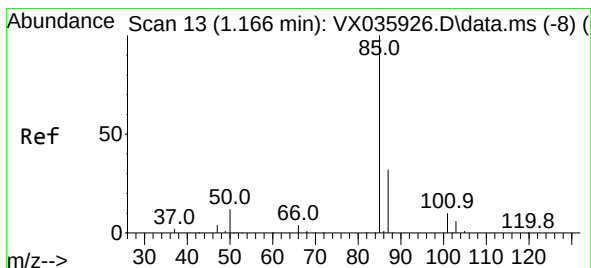
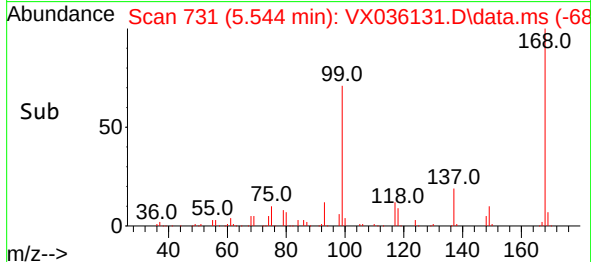
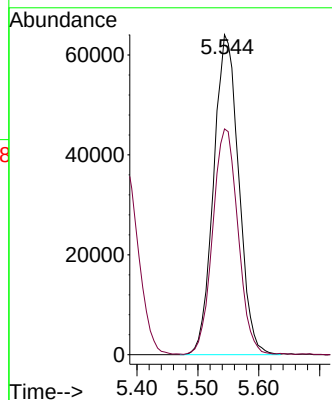
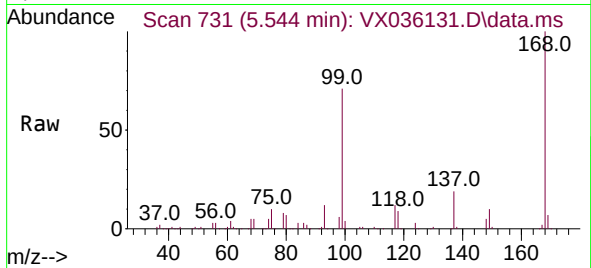
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.005 min
Lab File: VX036131.D
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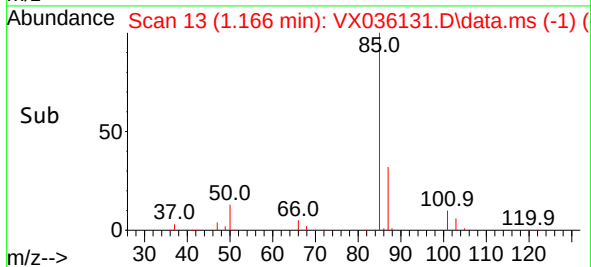
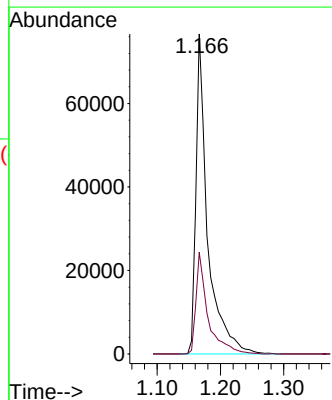
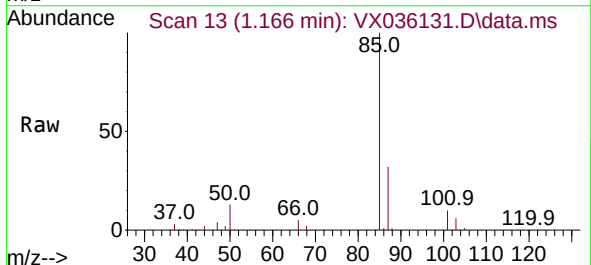
Instrument :
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VSTDCCC050

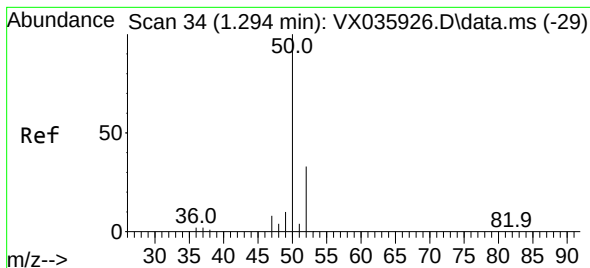
Tgt Ion:168 Resp: 183125
Ion Ratio Lower Upper
168 100
99 70.4 57.0 85.6



#2
Dichlorodifluoromethane
Concen: 49.271 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX036131.D
Acq: 13 Jun 2023 08:58

Tgt Ion: 85 Resp: 98582
Ion Ratio Lower Upper
85 100
87 31.8 15.8 47.4





#3

Chloromethane

Concen: 43.999 ug/l

RT: 1.294 min Scan# 34

Delta R.T. 0.000 min

Lab File: VX036131.D

Acq: 13 Jun 2023 08:58

Instrument :

MSVOA_X

ClientSampleId :

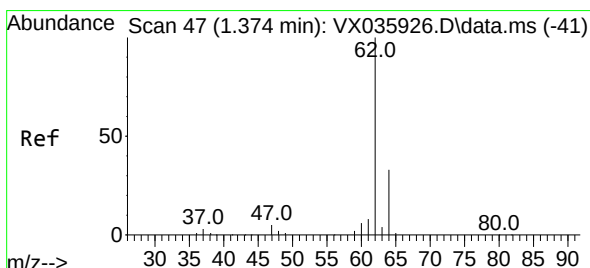
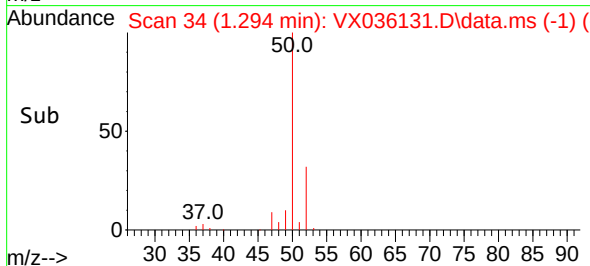
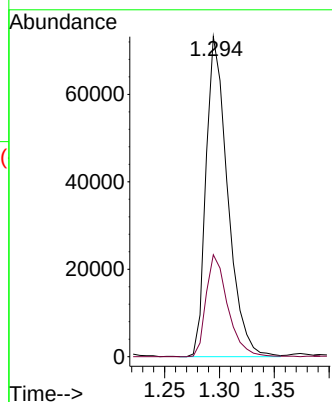
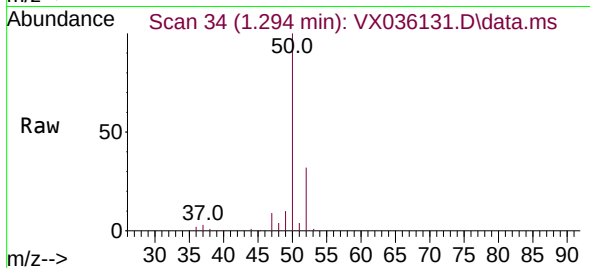
VSTDCCC050

Tgt Ion: 50 Resp: 100621

Ion Ratio Lower Upper

50 100

52 31.9 25.4 38.2



#4

Vinyl Chloride

Concen: 45.384 ug/l

RT: 1.374 min Scan# 47

Delta R.T. 0.001 min

Lab File: VX036131.D

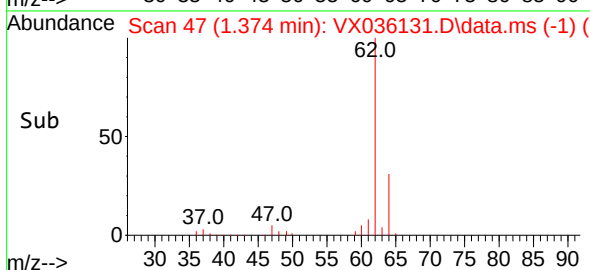
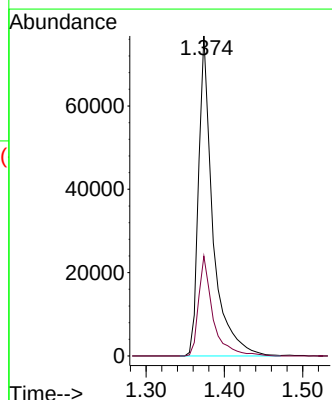
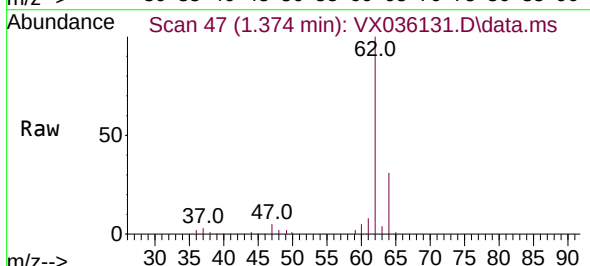
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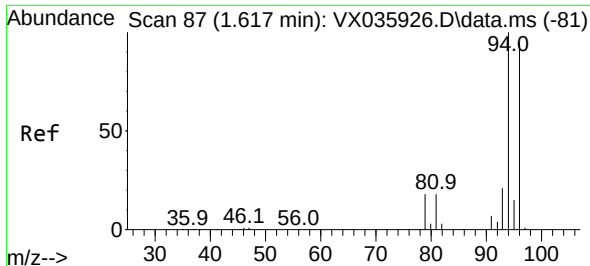
Tgt Ion: 62 Resp: 97493

Ion Ratio Lower Upper

62 100

64 31.2 25.2 37.8

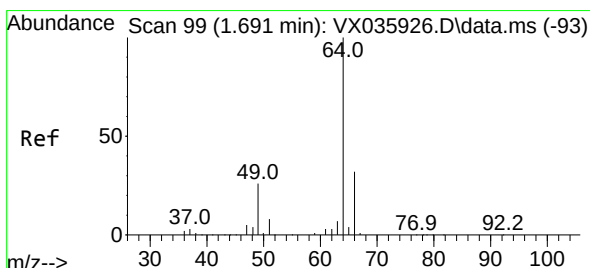
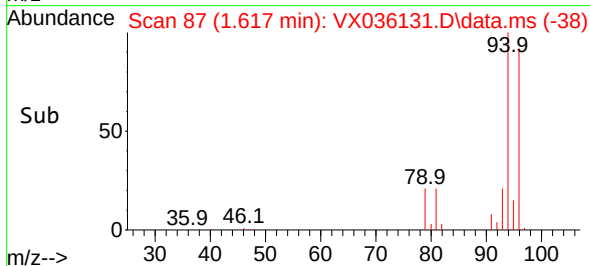
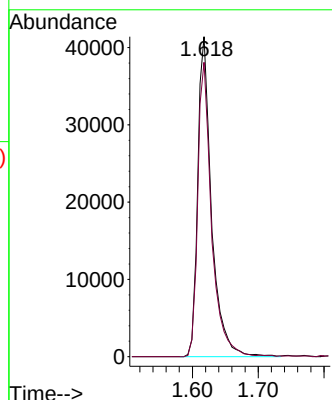
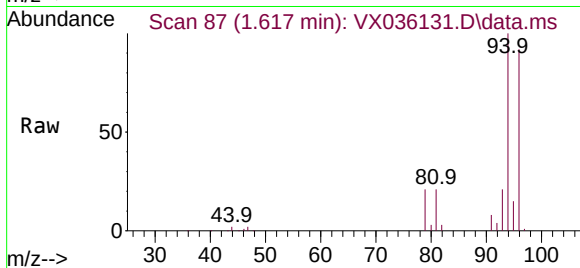




#5
Bromomethane
Concen: 42.742 ug/l
RT: 1.617 min Scan# 81
Delta R.T. 0.000 min
Lab File: VX036131.D
Acq: 13 Jun 2023 08:58

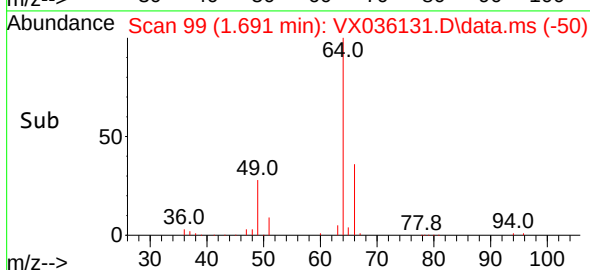
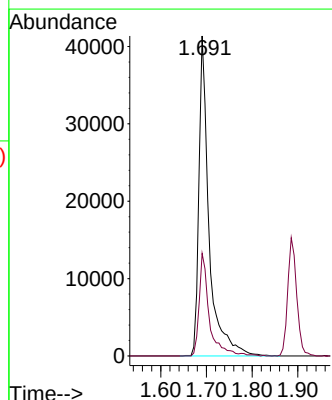
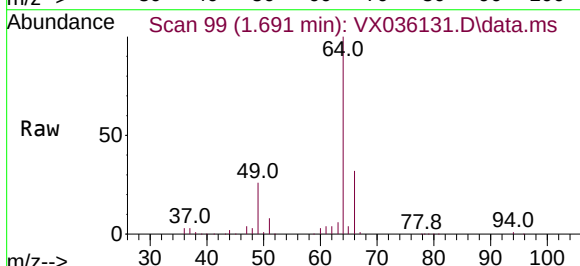
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

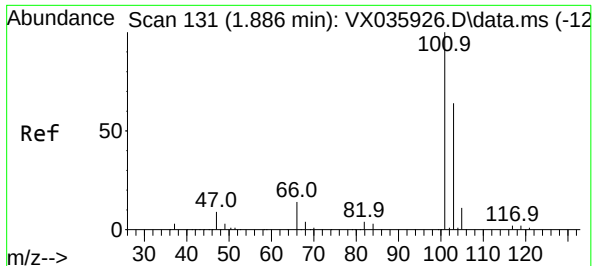
Tgt Ion: 94 Resp: 60473
Ion Ratio Lower Upper
94 100
96 92.0 73.5 110.3



#6
Chloroethane
Concen: 50.473 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.001 min
Lab File: VX036131.D
Acq: 13 Jun 2023 08:58

Tgt Ion: 64 Resp: 63844
Ion Ratio Lower Upper
64 100
66 32.1 26.0 39.0

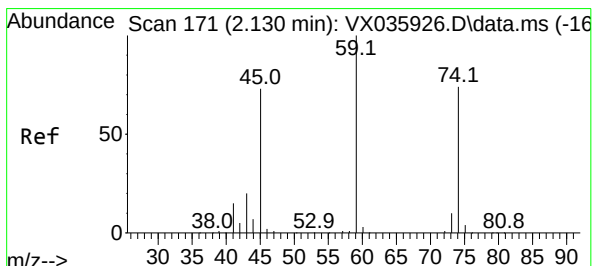
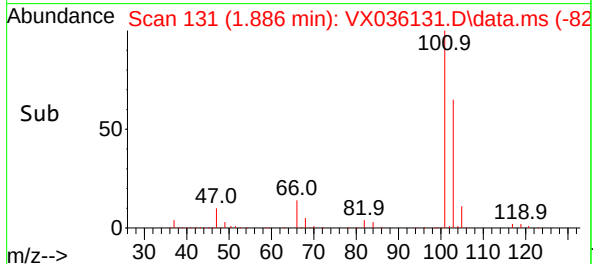
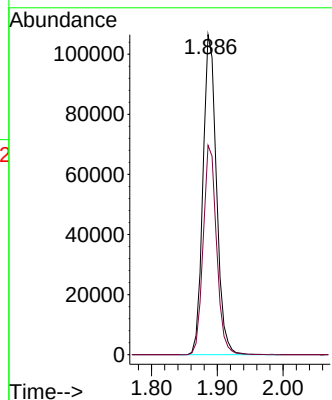
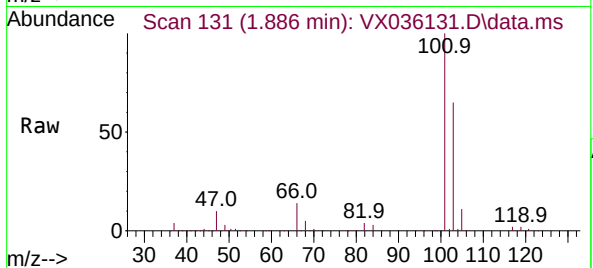




#7
Trichlorofluoromethane
Concen: 50.251 ug/l
RT: 1.886 min Scan# 131
Delta R.T. 0.001 min
Lab File: VX036131.D
Acq: 13 Jun 2023 08:58

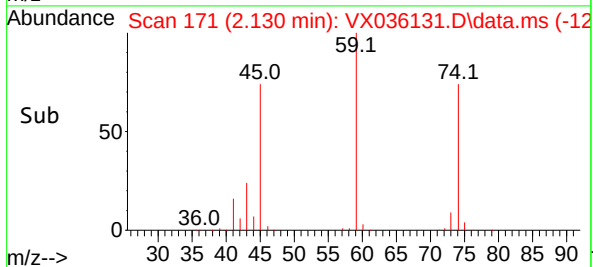
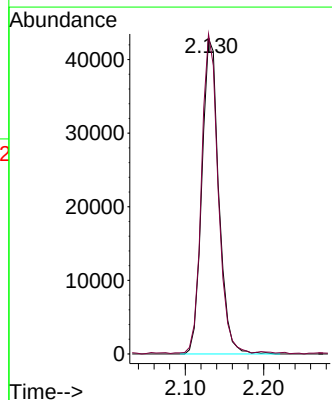
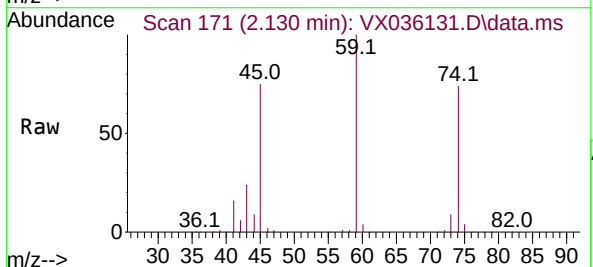
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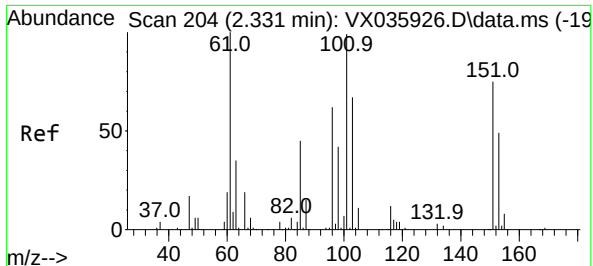
Tgt Ion:101 Resp: 151899
Ion Ratio Lower Upper
101 100
103 65.4 53.2 79.8



#8
Diethyl Ether
Concen: 48.895 ug/l
RT: 2.130 min Scan# 171
Delta R.T. 0.001 min
Lab File: VX036131.D
Acq: 13 Jun 2023 08:58

Tgt Ion: 74 Resp: 64188
Ion Ratio Lower Upper
74 100
45 99.7 50.6 151.9

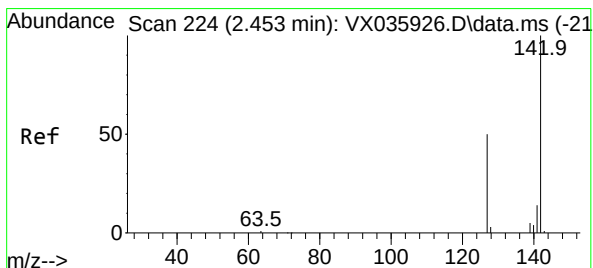
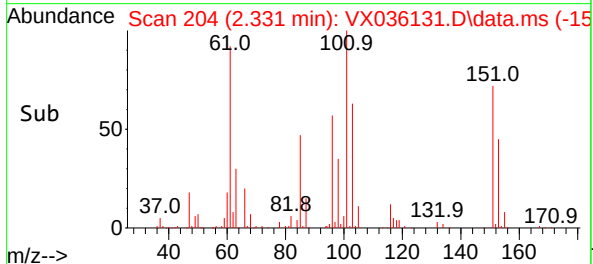
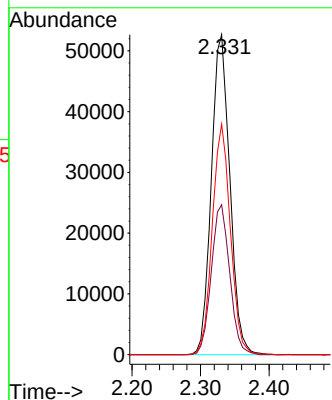
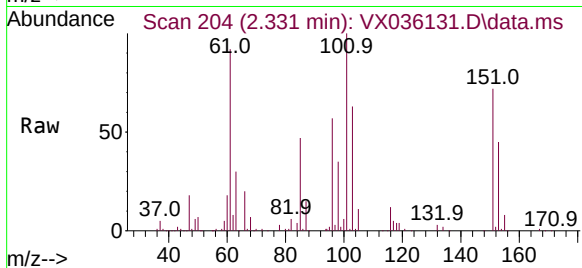




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 52.716 ug/l
 RT: 2.331 min Scan# 204
 Delta R.T. 0.001 min
 Lab File: VX036131.D
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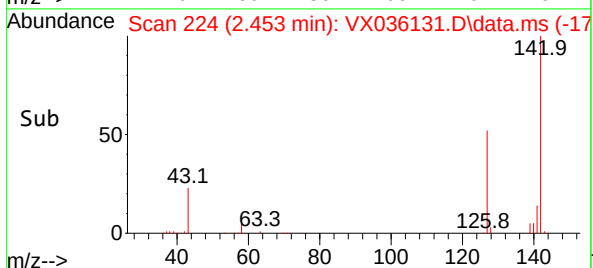
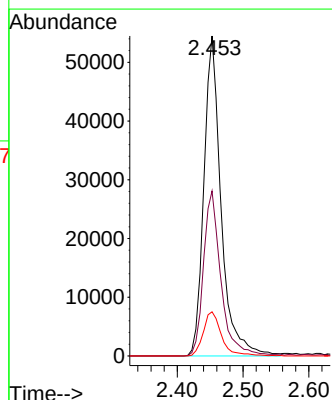
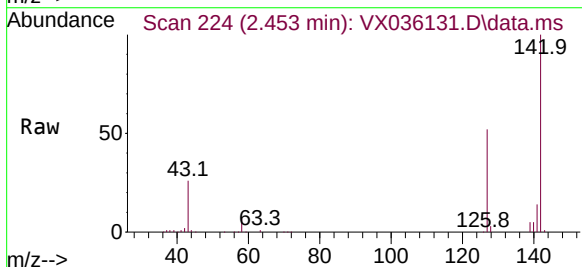
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 ClientSampleId :
 VSTDCCC050

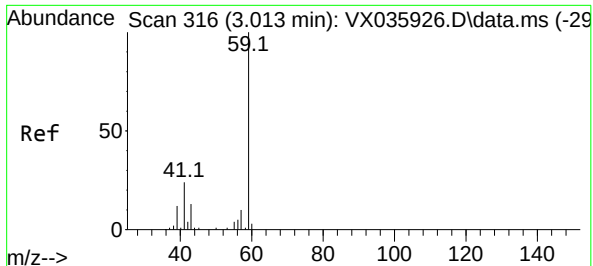
Tgt Ion:101 Resp: 98900
 Ion Ratio Lower Upper
 101 100
 85 46.7 37.3 55.9
 151 70.6 57.0 85.6



#10
 Methyl Iodide
 Concen: 44.975 ug/l
 RT: 2.453 min Scan# 224
 Delta R.T. 0.001 min
 Lab File: VX036131.D
 Acq: 13 Jun 2023 08:58

Tgt Ion:142 Resp: 99324
 Ion Ratio Lower Upper
 142 100
 127 52.5 40.3 60.5
 141 14.7 11.4 17.0





#11

Tert butyl alcohol

Concen: 107.672 ug/l

RT: 3.056 min Scan# 316

Delta R.T. 0.049 min

Lab File: VX036131.D

Acq: 13 Jun 2023 08:58

Instrument :

MSVOA_X

ClientSampleId :

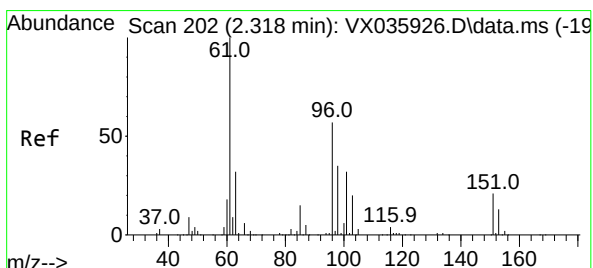
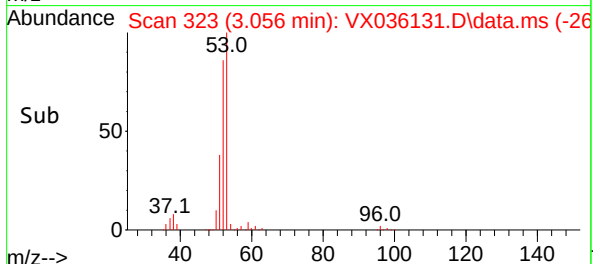
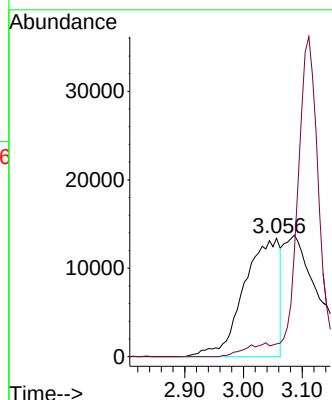
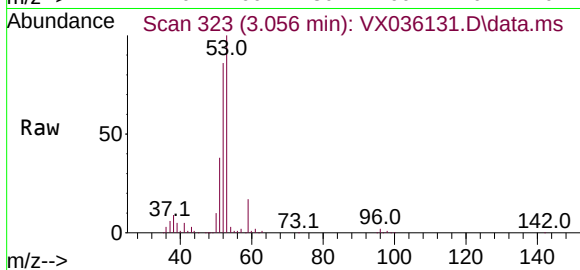
VSTDCCC050

Tgt Ion: 59 Resp: 56862

Ion Ratio Lower Upper

59 100

57 0.0 6.0 9.0#



#12

1,1-Dichloroethene

Concen: 48.568 ug/l

RT: 2.319 min Scan# 202

Delta R.T. 0.001 min

Lab File: VX036131.D

Acq: 13 Jun 2023 08:58

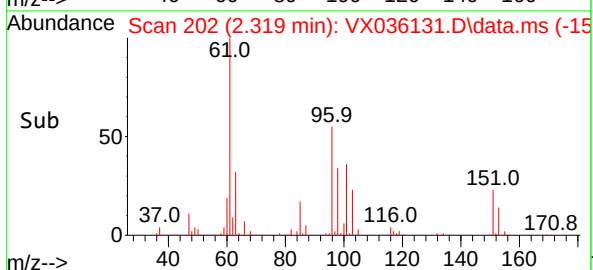
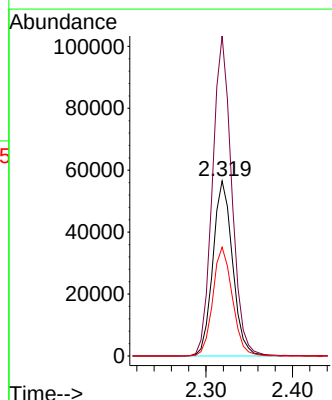
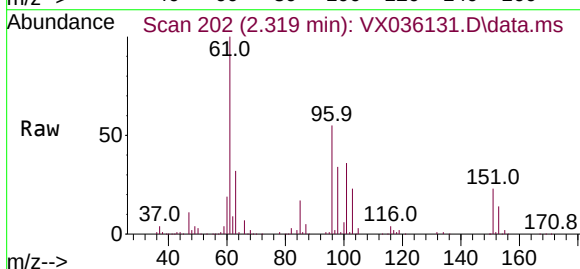
Tgt Ion: 96 Resp: 89228

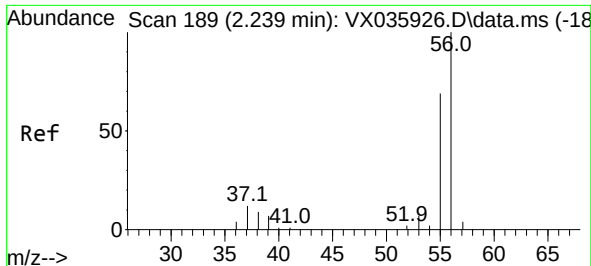
Ion Ratio Lower Upper

96 100

61 182.8 145.2 217.8

98 62.2 49.3 73.9

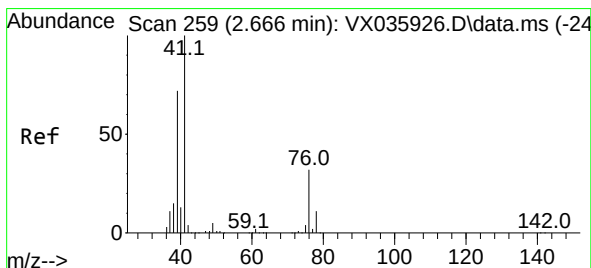
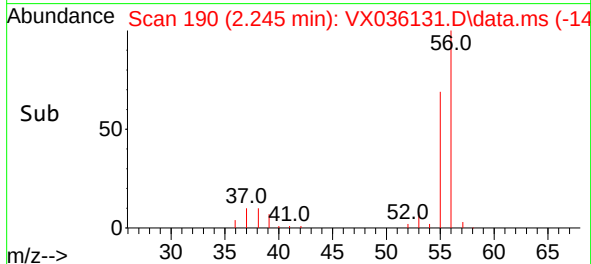
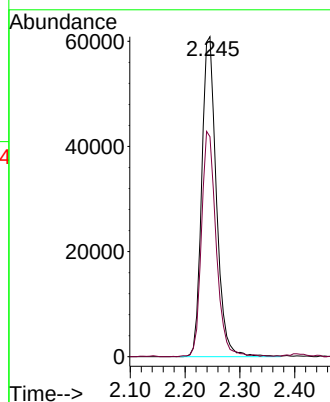
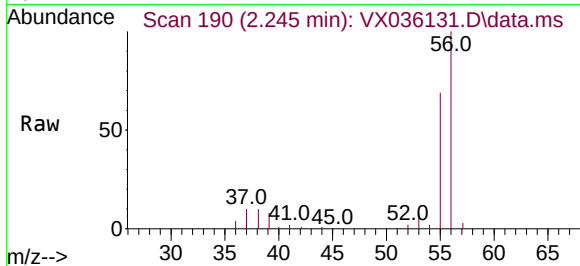




#13
Acrolein
Concen: 221.872 ug/l
RT: 2.245 min Scan# 190
Delta R.T. 0.006 min
Lab File: VX036131.D
Acq: 13 Jun 2023 08:58

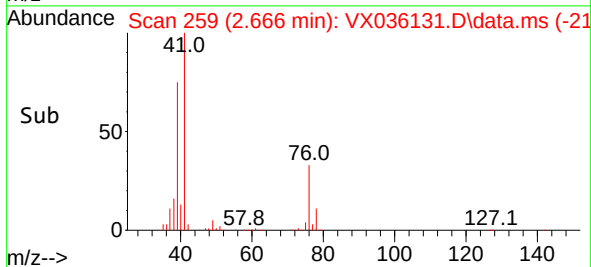
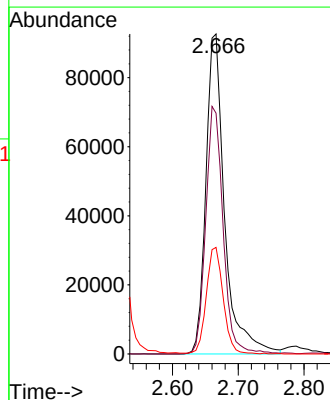
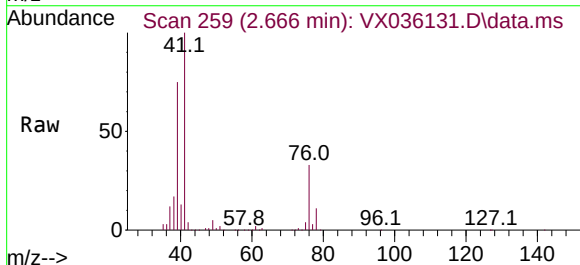
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

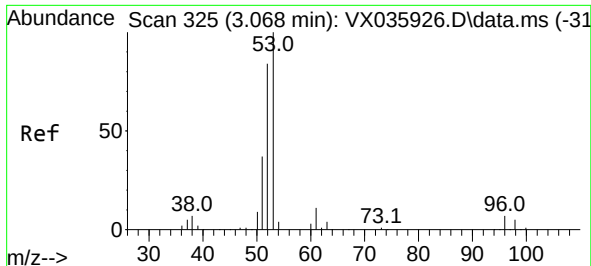
Tgt Ion: 56 Resp: 112865
Ion Ratio Lower Upper
56 100
55 71.1 57.3 85.9



#14
Allyl chloride
Concen: 48.681 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.000 min
Lab File: VX036131.D
Acq: 13 Jun 2023 08:58

Tgt Ion: 41 Resp: 183850
Ion Ratio Lower Upper
41 100
39 71.6 56.9 85.3
76 29.8 24.1 36.1





#15

Acrylonitrile

Concen: 252.521 ug/l

RT: 3.068 min Scan# 31

Delta R.T. 0.000 min

Lab File: VX036131.D

Acq: 13 Jun 2023 08:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

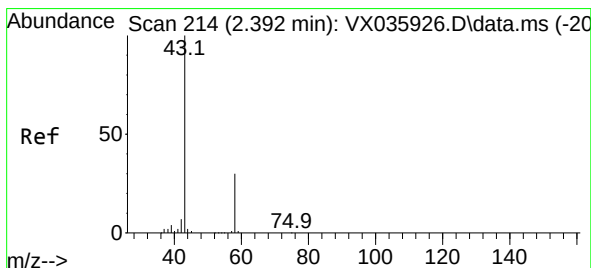
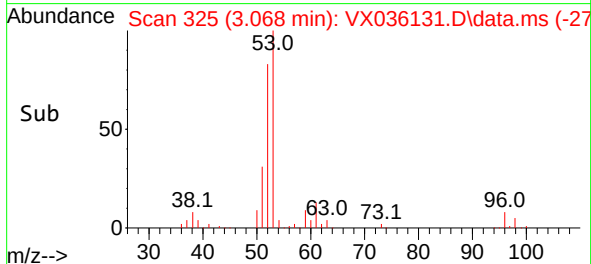
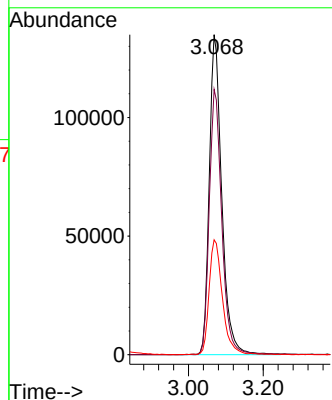
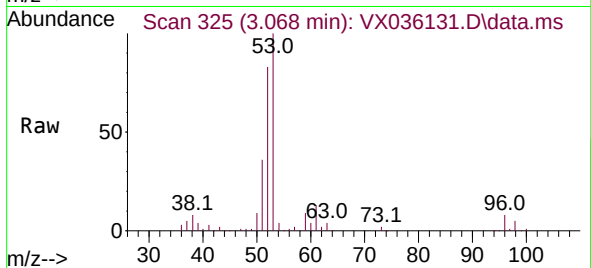
Tgt Ion: 53 Resp: 313325

Ion Ratio Lower Upper

53 100

52 82.8 67.0 100.4

51 38.1 29.8 44.8



#16

Acetone

Concen: 292.056 ug/l

RT: 2.404 min Scan# 216

Delta R.T. 0.013 min

Lab File: VX036131.D

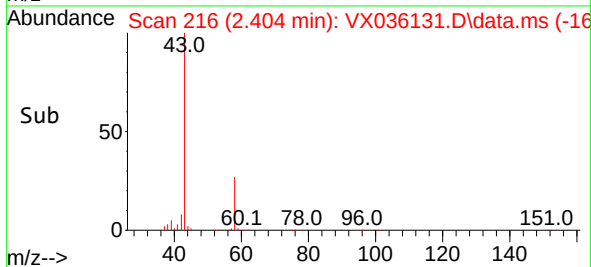
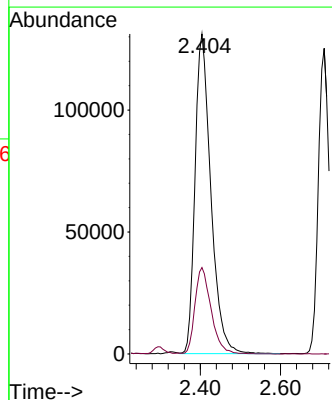
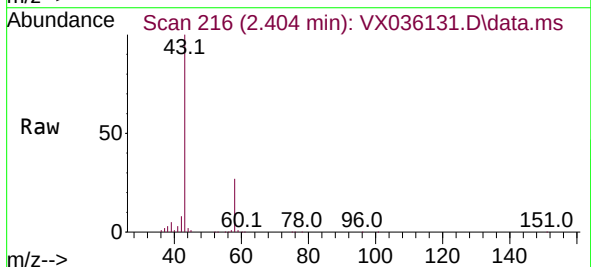
Acq: 13 Jun 2023 08:58

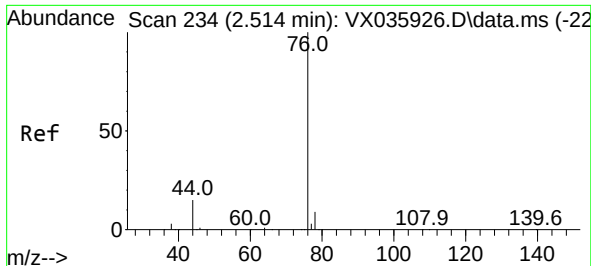
Tgt Ion: 43 Resp: 358299

Ion Ratio Lower Upper

43 100

58 27.0 22.2 33.2

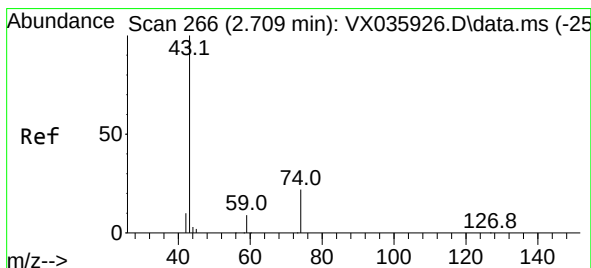
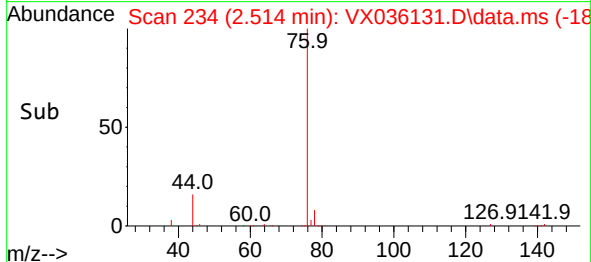
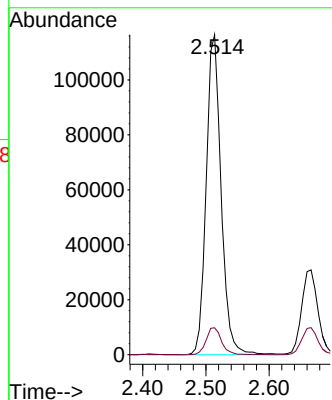
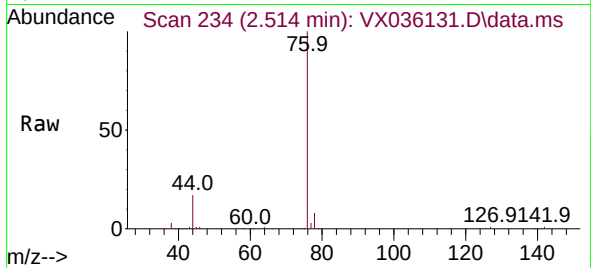




#17
Carbon Disulfide
Concen: 41.486 ug/l
RT: 2.514 min Scan# 21
Delta R.T. 0.001 min
Lab File: VX036131.D
Acq: 13 Jun 2023 08:58

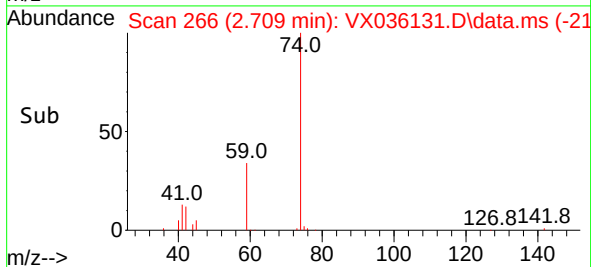
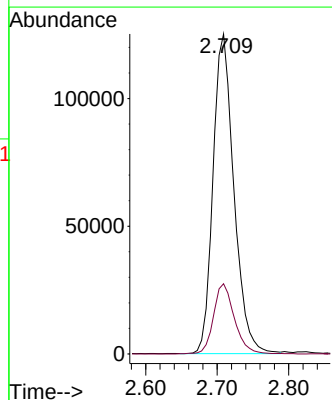
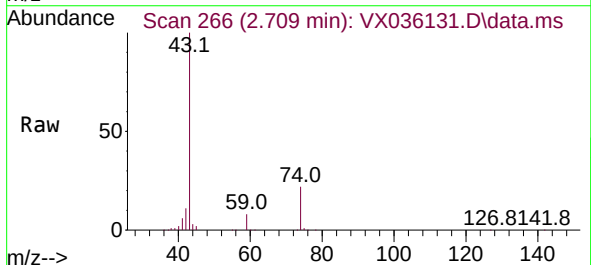
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

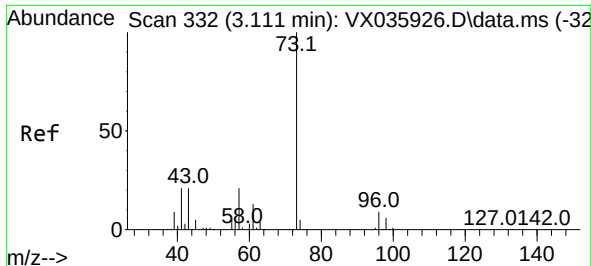
Tgt Ion: 76 Resp: 190980
Ion Ratio Lower Upper
76 100
78 8.4 7.6 11.4



#18
Methyl Acetate
Concen: 53.188 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.007 min
Lab File: VX036131.D
Acq: 13 Jun 2023 08:58

Tgt Ion: 43 Resp: 253676
Ion Ratio Lower Upper
43 100
74 22.1 17.7 26.5

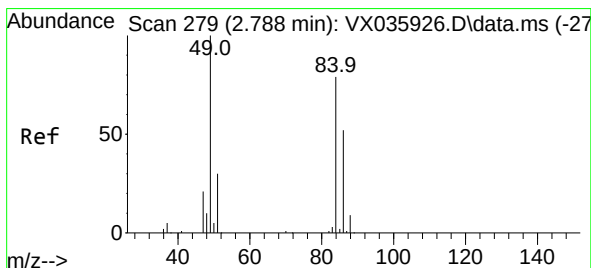
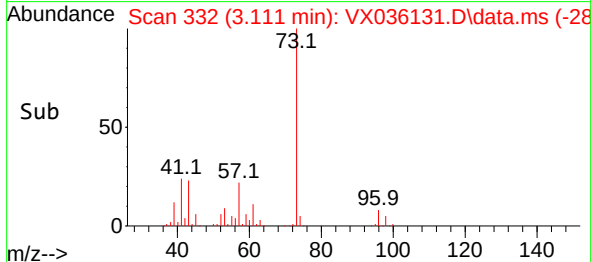
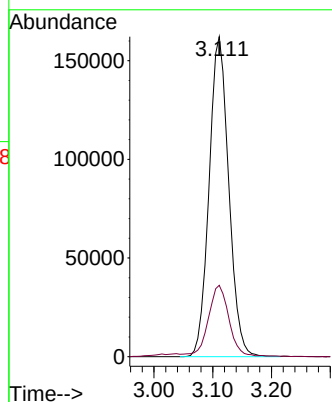
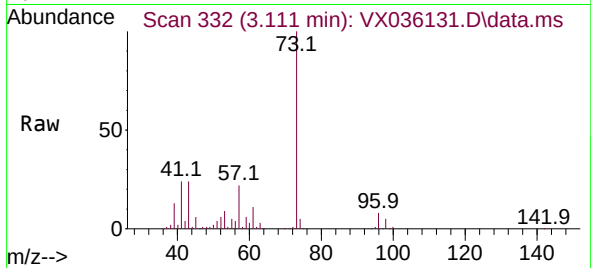




#19
Methyl tert-butyl Ether
Concen: 52.275 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX036131.D
Acq: 13 Jun 2023 08:58

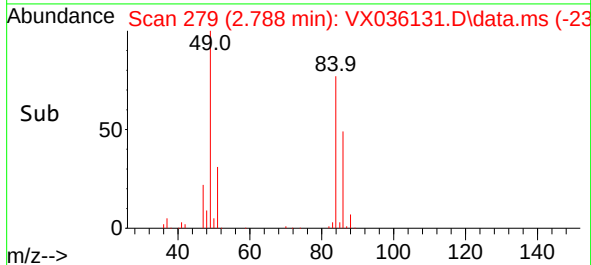
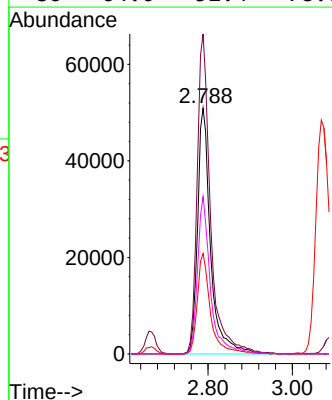
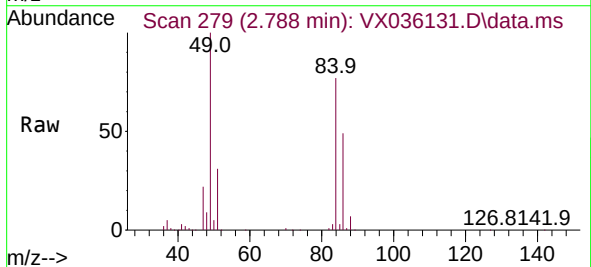
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

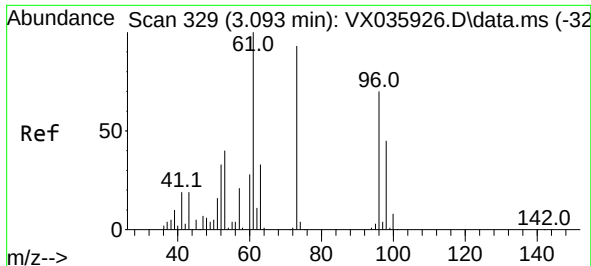
Tgt Ion: 73 Resp: 376202
Ion Ratio Lower Upper
73 100
57 22.2 17.6 26.4



#20
Methylene Chloride
Concen: 46.563 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX036131.D
Acq: 13 Jun 2023 08:58

Tgt Ion: 84 Resp: 110038
Ion Ratio Lower Upper
84 100
49 130.2 104.6 156.8
51 40.9 32.2 48.4
86 64.0 52.4 78.6

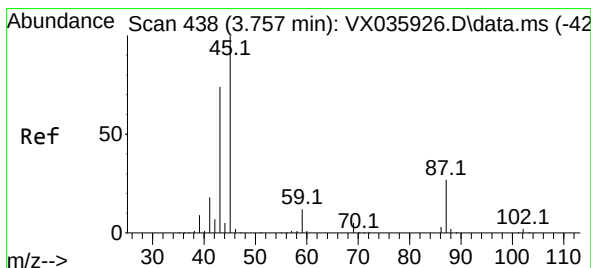
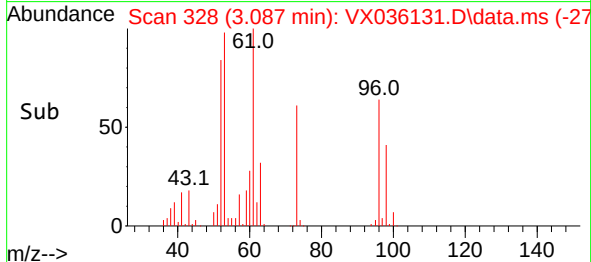
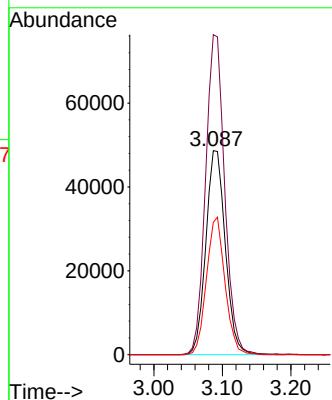
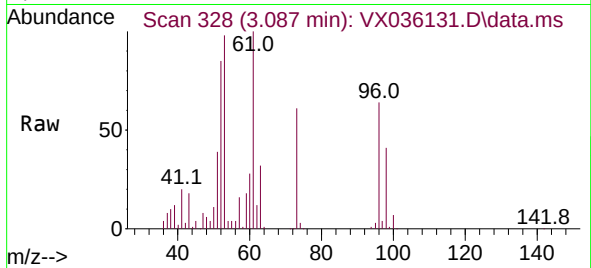




#21
trans-1,2-Dichloroethene
Concen: 45.994 ug/l
RT: 3.087 min Scan# 31
Delta R.T. 0.001 min
Lab File: VX036131.D
Acq: 13 Jun 2023 08:58

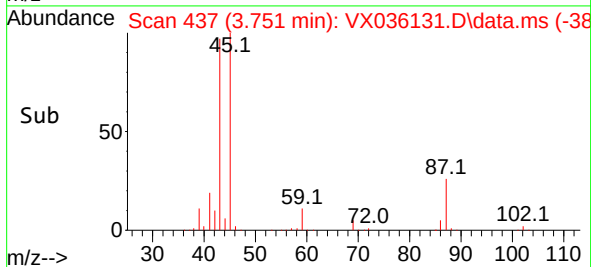
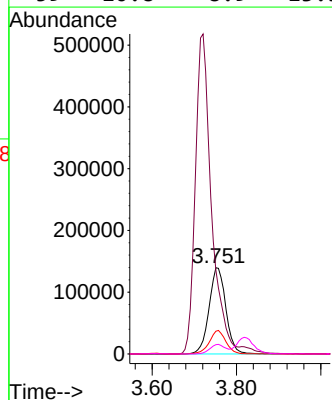
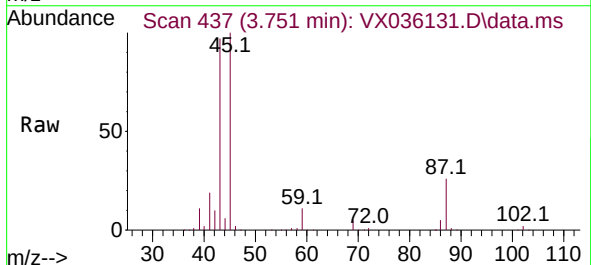
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

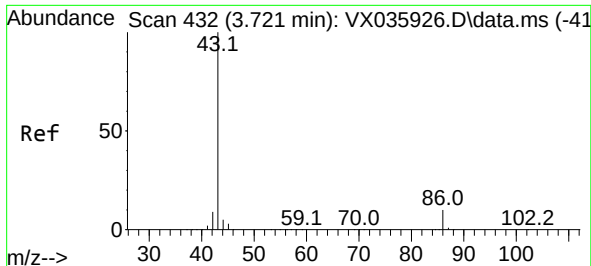
Tgt Ion: 96 Resp: 96593
Ion Ratio Lower Upper
96 100
61 156.9 118.2 177.4
98 64.9 50.6 75.8



#22
Diisopropyl ether
Concen: 52.638 ug/l
RT: 3.751 min Scan# 437
Delta R.T. -0.006 min
Lab File: VX036131.D
Acq: 13 Jun 2023 08:58

Tgt Ion: 45 Resp: 386664
Ion Ratio Lower Upper
45 100
43 97.1 63.8 95.6#
87 26.3 20.6 31.0
59 10.8 8.9 13.3

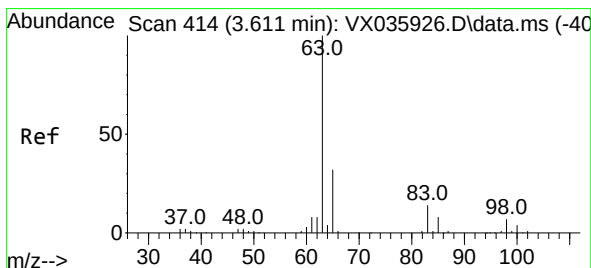
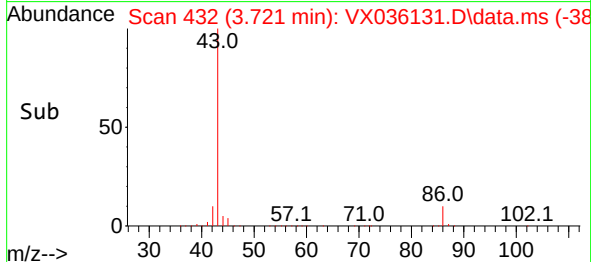
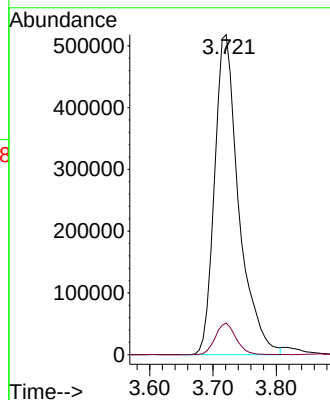
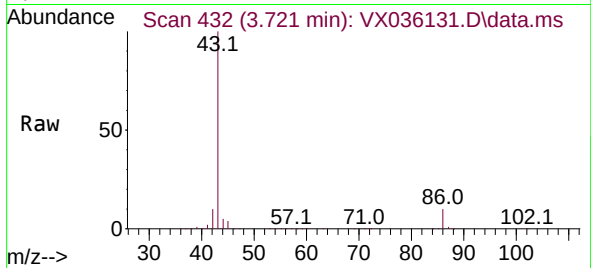




#23
 Vinyl Acetate
 Concen: 266.883 ug/l
 RT: 3.721 min Scan# 413
 Delta R.T. 0.001 min
 Lab File: VX036131.D
 Acq: 13 Jun 2023 08:58

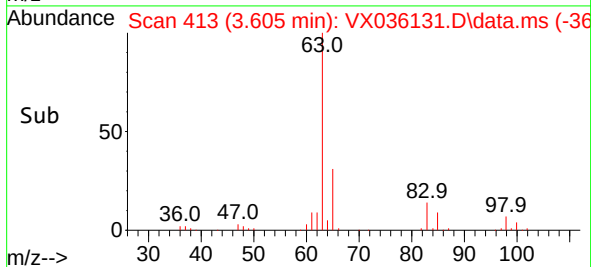
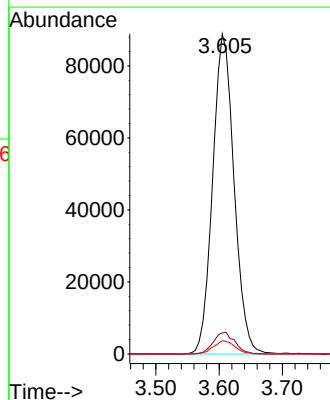
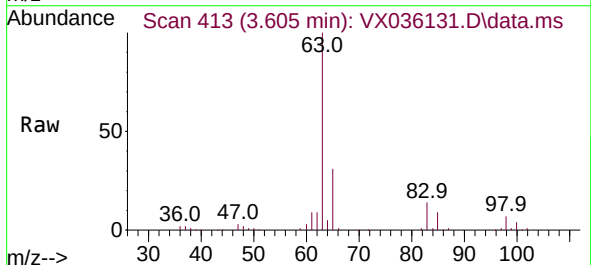
Instrument :
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 ClientSampleId :
 VSTDCCC050

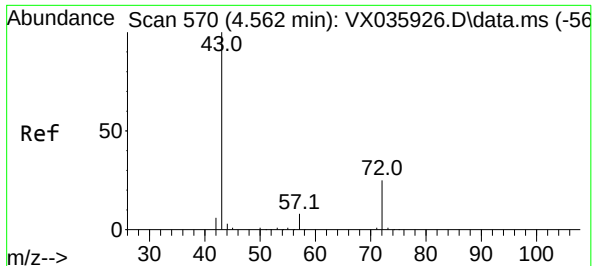
Tgt Ion: 43 Resp: 1377378
 Ion Ratio Lower Upper
 43 100
 86 9.9 7.8 11.6



#24
 1,1-Dichloroethane
 Concen: 51.222 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.006 min
 Lab File: VX036131.D
 Acq: 13 Jun 2023 08:58

Tgt Ion: 63 Resp: 208691
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.5 10.5
 100 4.2 2.3 6.9





#25

2-Butanone

Concen: 266.442 ug/l

RT: 4.568 min Scan# 51

Delta R.T. 0.006 min

Lab File: VX036131.D

Acq: 13 Jun 2023 08:58

Instrument :

MSVOA_X

ClientSampleId :

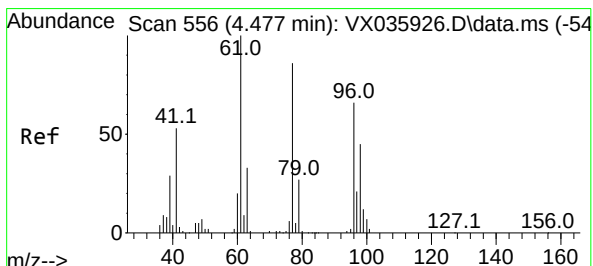
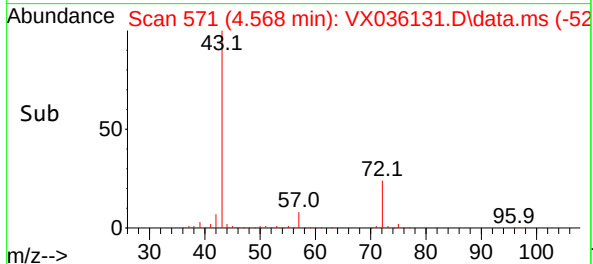
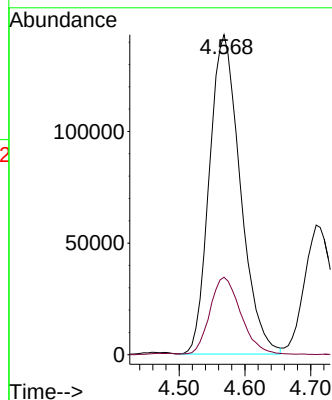
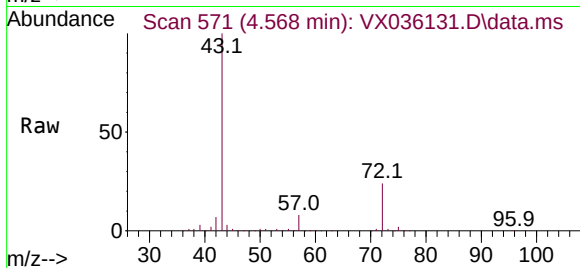
VSTDCCC050

Tgt Ion: 43 Resp: 467848

Ion Ratio Lower Upper

43 100

72 24.0 19.4 29.2



#26

2,2-Dichloropropane

Concen: 57.170 ug/l

RT: 4.471 min Scan# 555

Delta R.T. 0.001 min

Lab File: VX036131.D

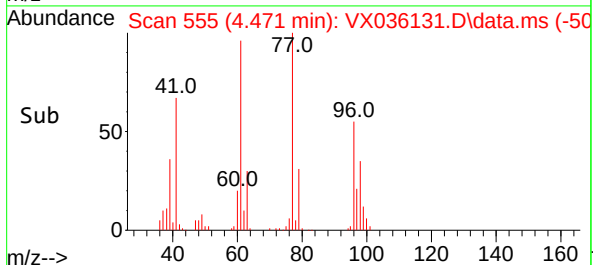
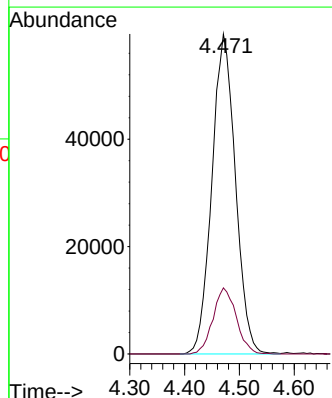
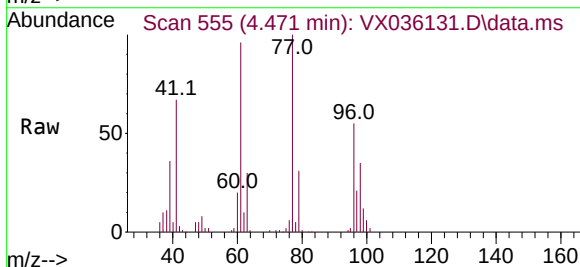
Acq: 13 Jun 2023 08:58

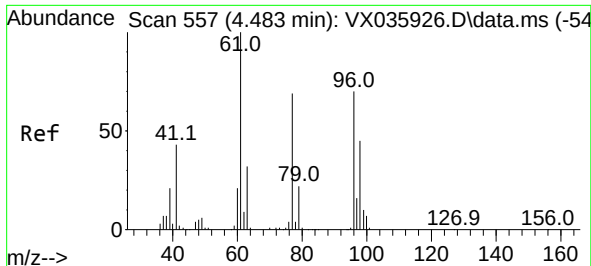
Tgt Ion: 77 Resp: 177545

Ion Ratio Lower Upper

77 100

97 20.4 10.5 31.6

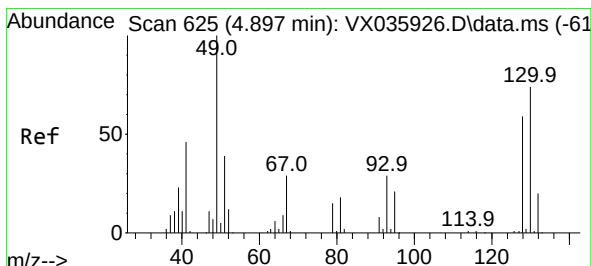
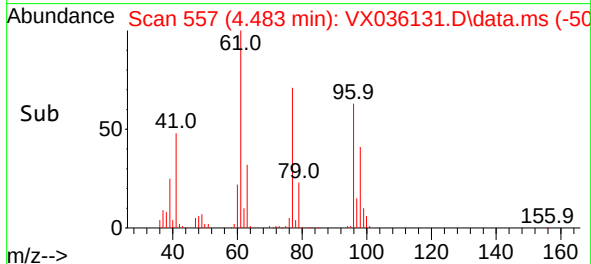
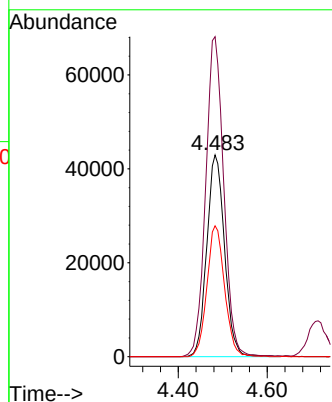
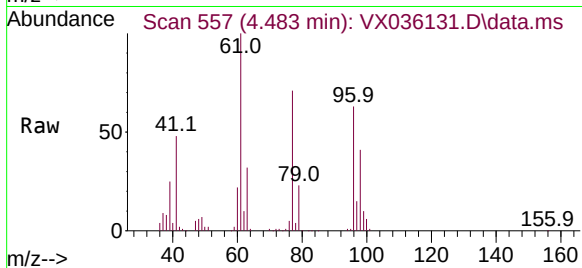




#27
 cis-1,2-Dichloroethene
 Concen: 47.498 ug/l
 RT: 4.483 min Scan# 511
 Delta R.T. -0.006 min
 Lab File: VX036131.D
 Acq: 13 Jun 2023 08:58

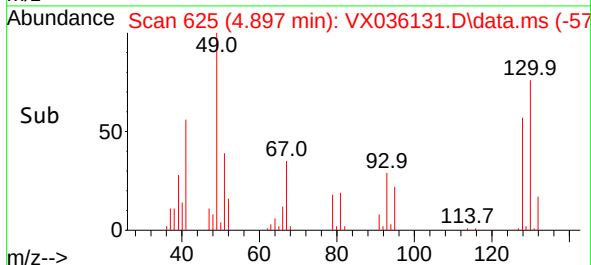
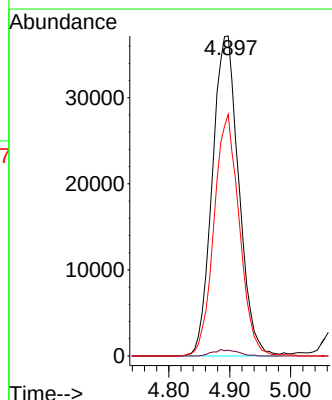
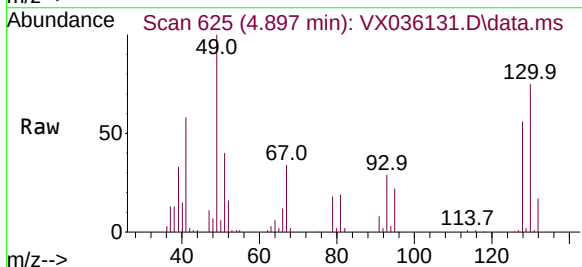
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

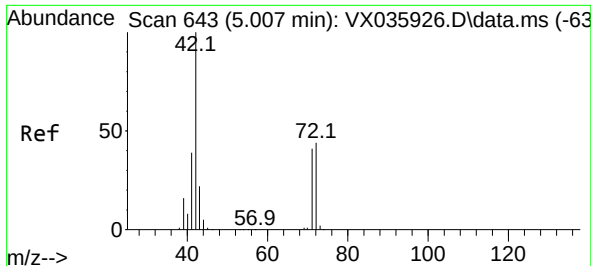
Tgt Ion: 96 Resp: 119721
 Ion Ratio Lower Upper
 96 100
 61 161.1 0.0 312.6
 98 64.5 0.0 130.0



#28
 Bromochloromethane
 Concen: 52.678 ug/l
 RT: 4.897 min Scan# 625
 Delta R.T. 0.000 min
 Lab File: VX036131.D
 Acq: 13 Jun 2023 08:58

Tgt Ion: 49 Resp: 112391
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 3.6
 130 72.2 55.8 83.8





#29

Tetrahydrofuran

Concen: 250.845 ug/l

RT: 5.013 min Scan# 64

Delta R.T. 0.000 min

Lab File: VX036131.D

Acq: 13 Jun 2023 08:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

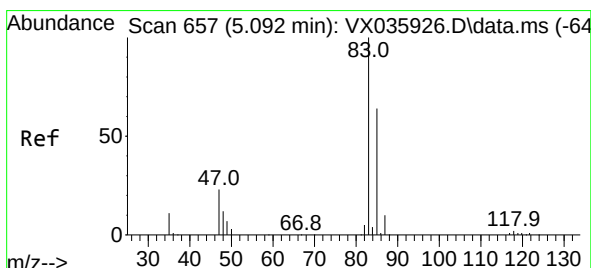
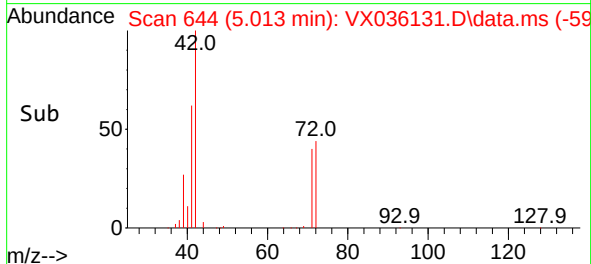
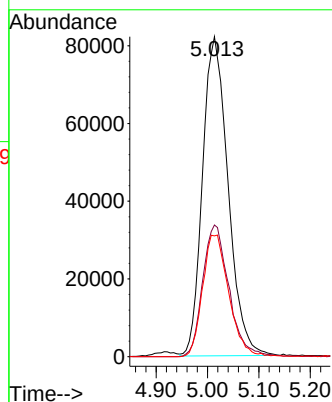
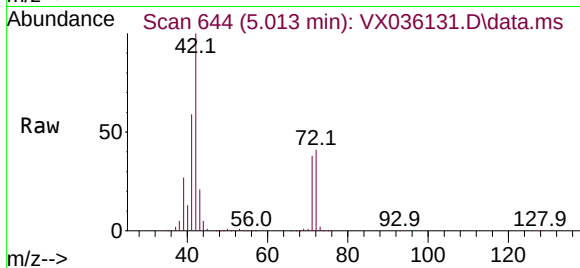
Tgt Ion: 42 Resp: 283839

Ion Ratio Lower Upper

42 100

72 42.3 34.2 51.2

71 39.2 31.8 47.8



#30

Chloroform

Concen: 52.986 ug/l

RT: 5.086 min Scan# 656

Delta R.T. -0.006 min

Lab File: VX036131.D

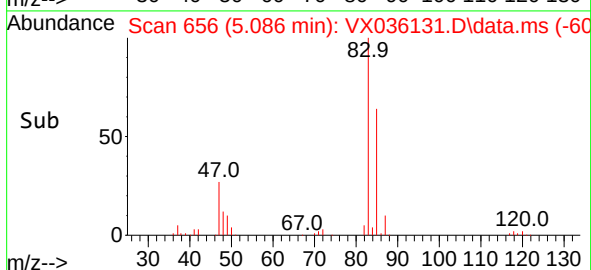
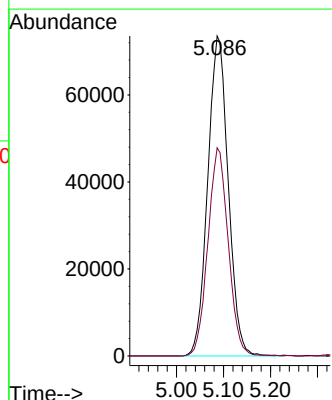
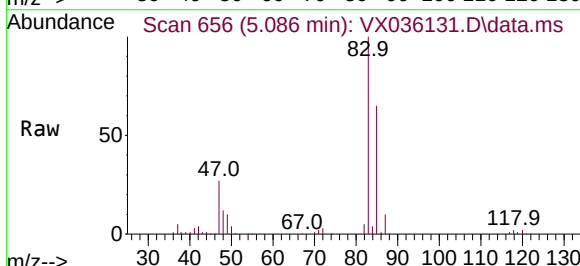
Acq: 13 Jun 2023 08:58

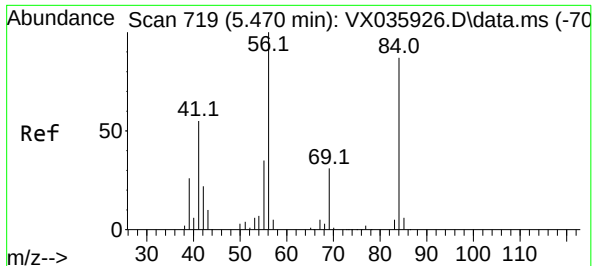
Tgt Ion: 83 Resp: 222354

Ion Ratio Lower Upper

83 100

85 65.1 51.0 76.4

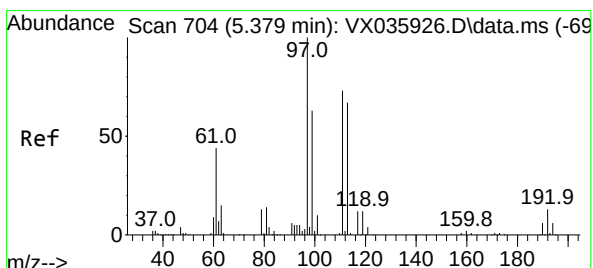
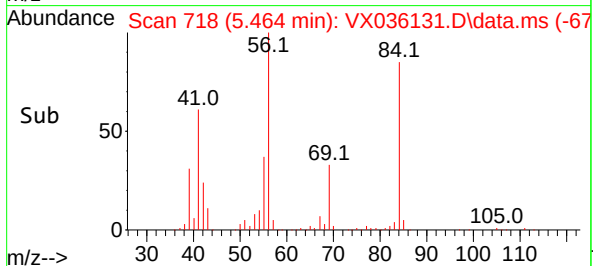
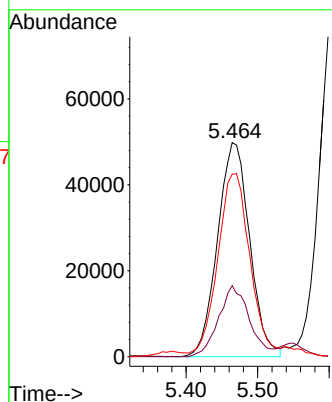
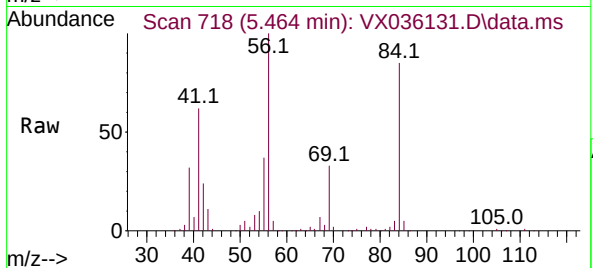




#31
Cyclohexane
Concen: 49.927 ug/l
RT: 5.464 min Scan# 719
Delta R.T. -0.006 min
Lab File: VX036131.D
Acq: 13 Jun 2023 08:58

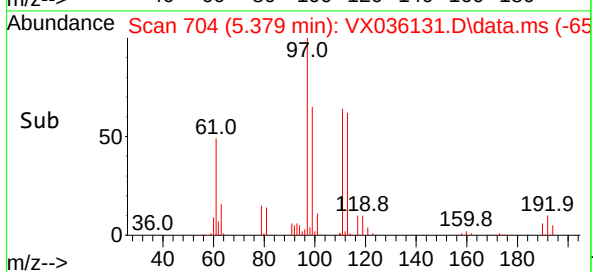
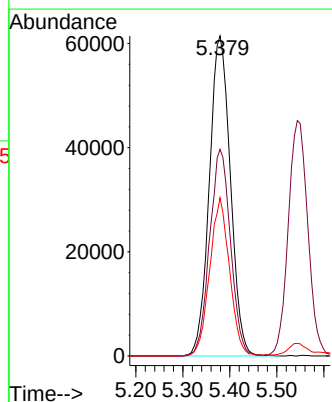
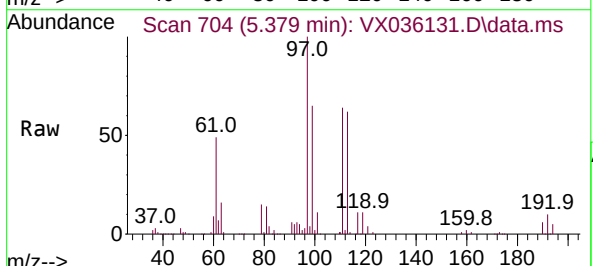
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

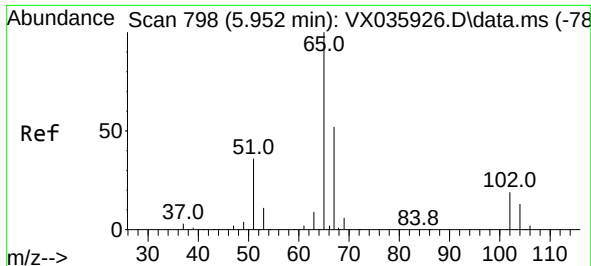
Tgt Ion: 56 Resp: 155448
Ion Ratio Lower Upper
56 100
69 33.2 25.9 38.9
84 83.4 67.6 101.4



#32
1,1,1-Trichloroethane
Concen: 53.740 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX036131.D
Acq: 13 Jun 2023 08:58

Tgt Ion: 97 Resp: 190574
Ion Ratio Lower Upper
97 100
99 64.4 51.2 76.8
61 46.6 36.9 55.3

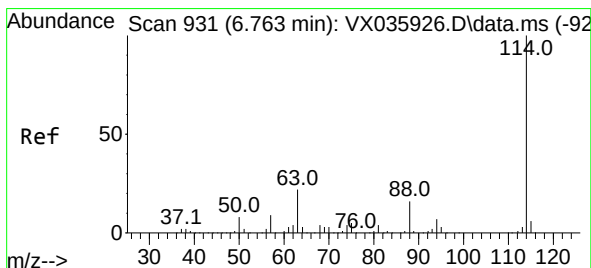
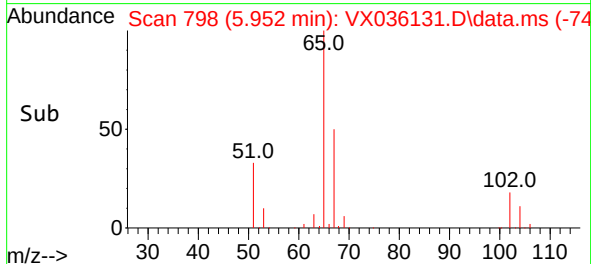
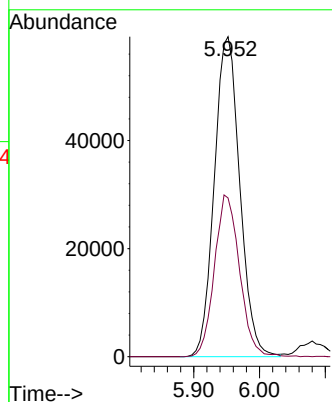
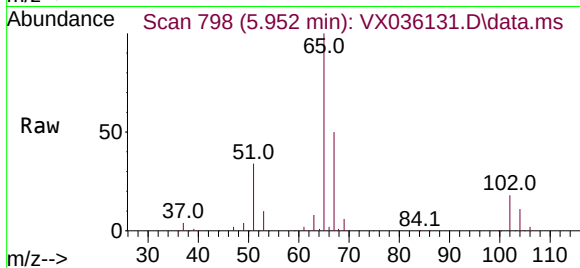




#33
 1,2-Dichloroethane-d4
 Concen: 53.798 ug/l
 RT: 5.952 min Scan# 798
 Delta R.T. 0.000 min
 Lab File: VX036131.D
 Acq: 13 Jun 2023 08:58

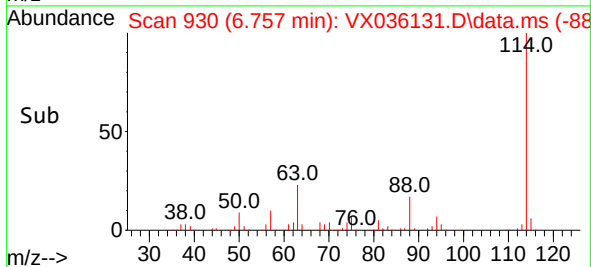
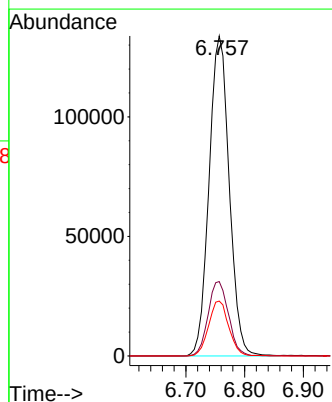
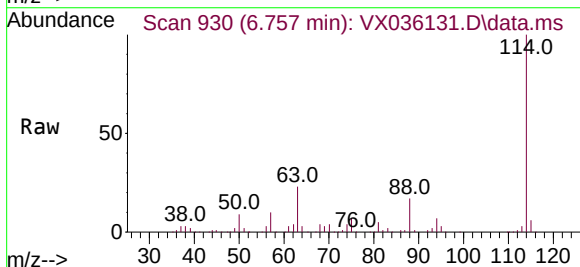
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

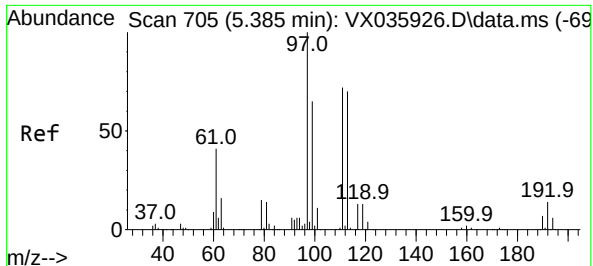
Tgt Ion: 65 Resp: 159978
 Ion Ratio Lower Upper
 65 100
 67 49.8 0.0 99.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 930
 Delta R.T. -0.006 min
 Lab File: VX036131.D
 Acq: 13 Jun 2023 08:58

Tgt Ion: 114 Resp: 319167
 Ion Ratio Lower Upper
 114 100
 63 23.3 0.0 46.0
 88 17.1 0.0 35.2

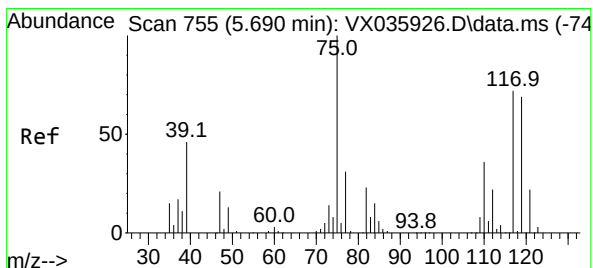
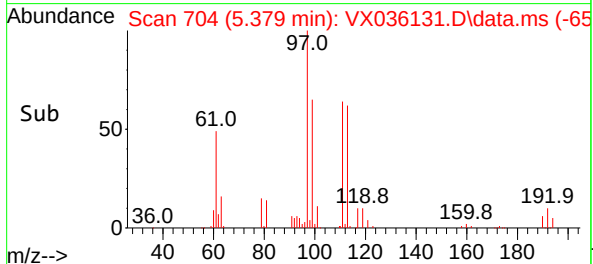
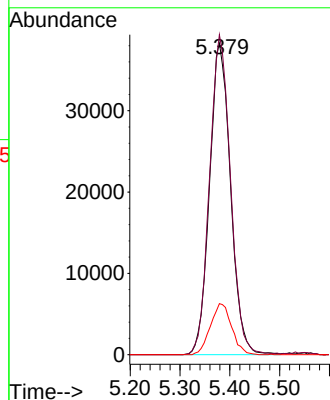
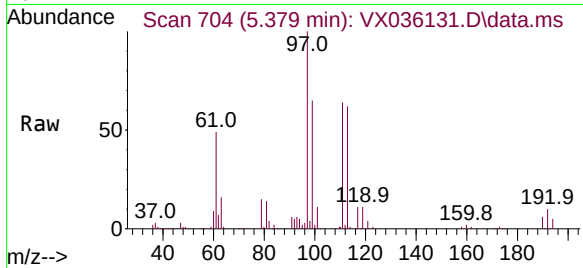




#35
Dibromofluoromethane
Concen: 52.132 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX036131.D
Acq: 13 Jun 2023 08:58

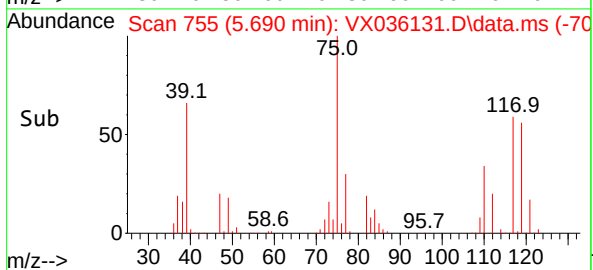
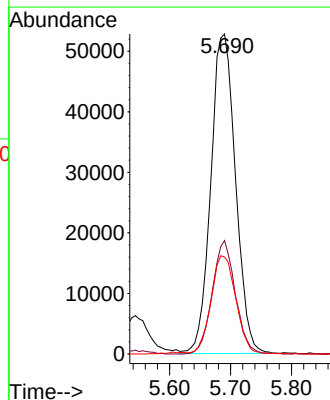
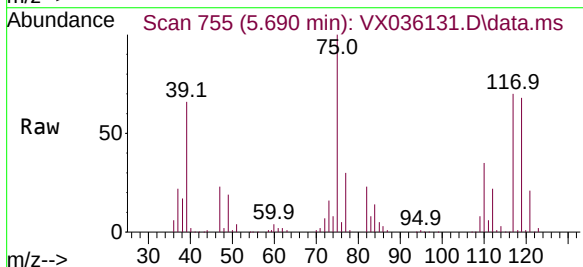
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

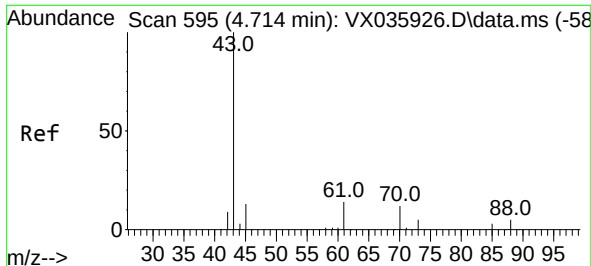
Tgt Ion:113 Resp: 111911
Ion Ratio Lower Upper
113 100
111 102.6 81.7 122.5
192 16.6 13.5 20.3



#36
1,1-Dichloropropene
Concen: 52.011 ug/l
RT: 5.690 min Scan# 755
Delta R.T. -0.000 min
Lab File: VX036131.D
Acq: 13 Jun 2023 08:58

Tgt Ion: 75 Resp: 148869
Ion Ratio Lower Upper
75 100
110 33.2 16.6 49.7
77 30.9 24.4 36.6





#37

Ethyl Acetate

Concen: 55.576 ug/l

RT: 4.708 min Scan# 594

Delta R.T. 0.000 min

Lab File: VX036131.D

Acq: 13 Jun 2023 08:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

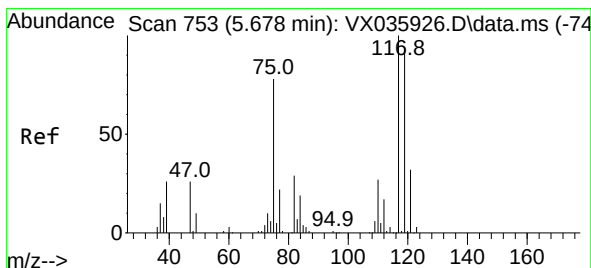
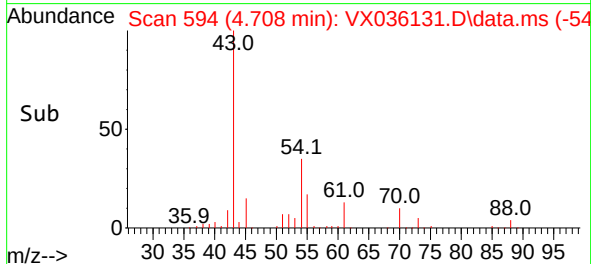
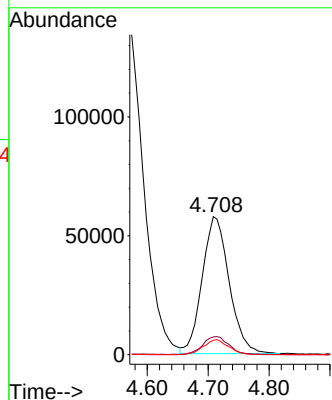
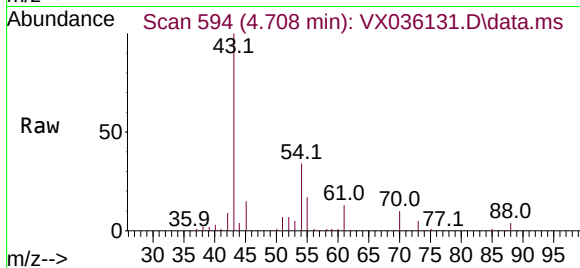
Tgt Ion: 43 Resp: 177157

Ion Ratio Lower Upper

43 100

61 13.2 10.3 15.5

70 10.2 8.3 12.5



#38

Carbon Tetrachloride

Concen: 57.162 ug/l

RT: 5.672 min Scan# 752

Delta R.T. -0.005 min

Lab File: VX036131.D

Acq: 13 Jun 2023 08:58

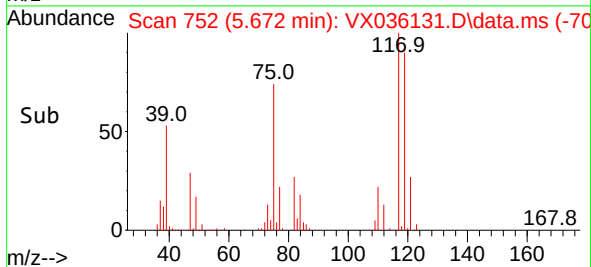
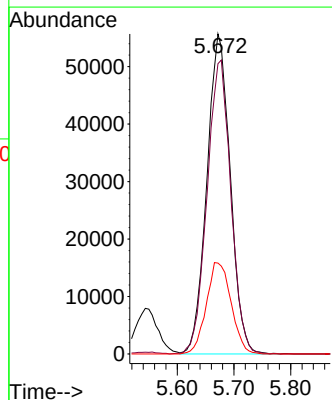
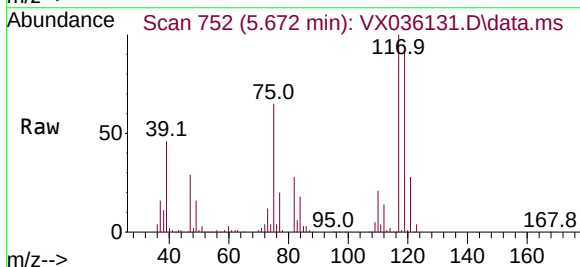
Tgt Ion: 117 Resp: 159442

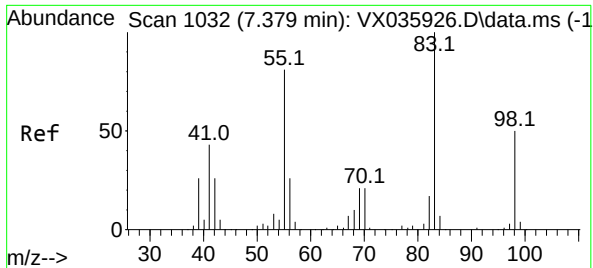
Ion Ratio Lower Upper

117 100

119 90.7 74.1 111.1

121 28.4 25.0 37.4

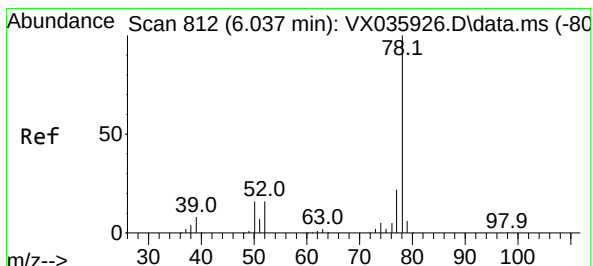
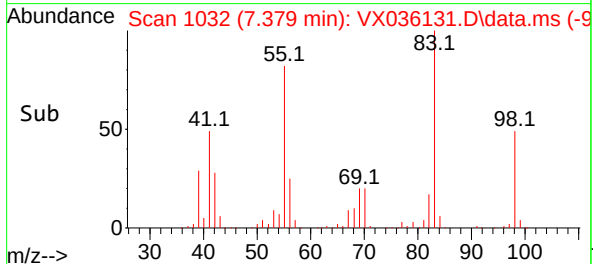
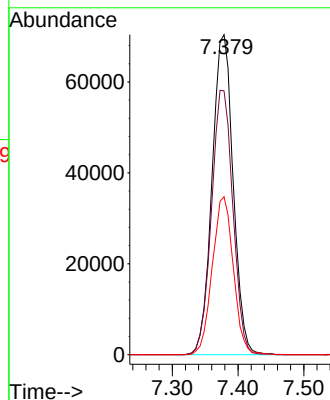
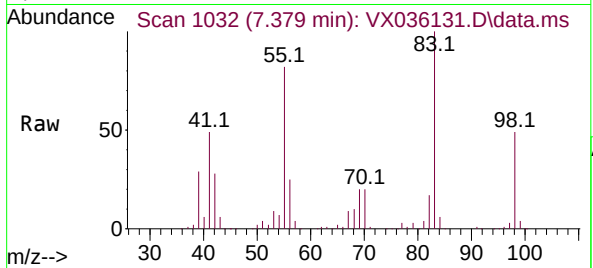




#39
Methylcyclohexane
Concen: 52.681 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. 0.001 min
Lab File: VX036131.D
Acq: 13 Jun 2023 08:58

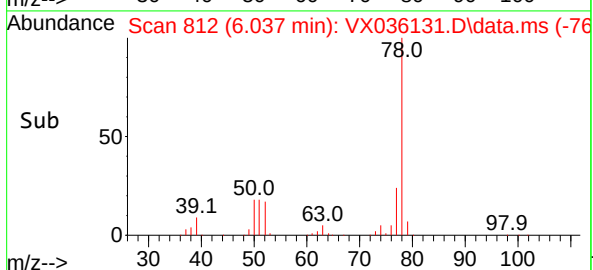
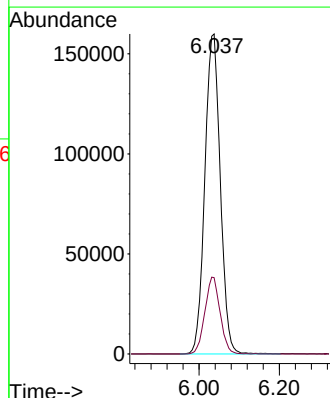
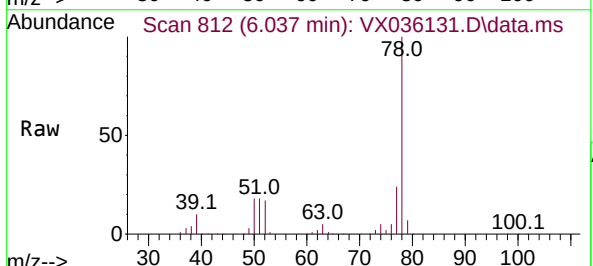
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

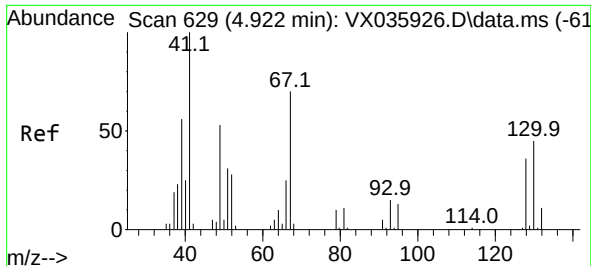
Tgt Ion: 83 Resp: 157326
Ion Ratio Lower Upper
83 100
55 82.5 64.9 97.3
98 49.3 38.1 57.1



#40
Benzene
Concen: 49.747 ug/l
RT: 6.037 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX036131.D
Acq: 13 Jun 2023 08:58

Tgt Ion: 78 Resp: 427349
Ion Ratio Lower Upper
78 100
77 23.8 19.0 28.6



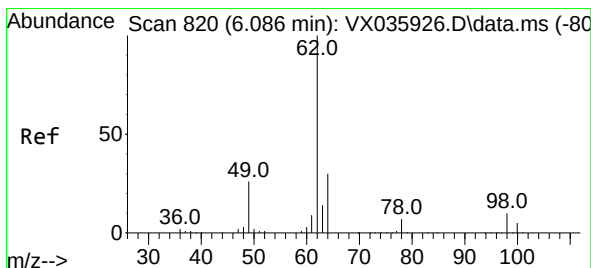
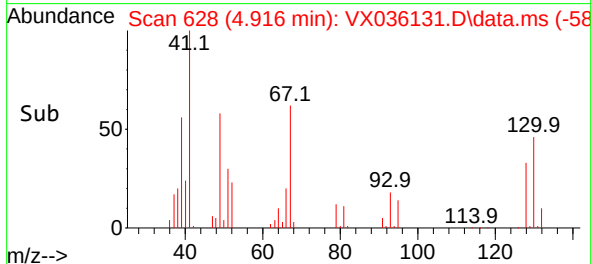
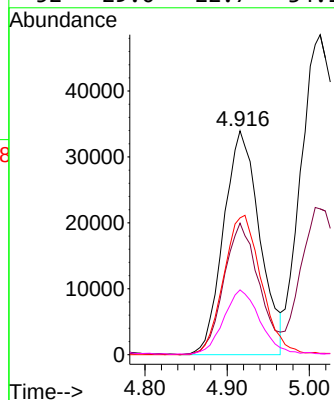
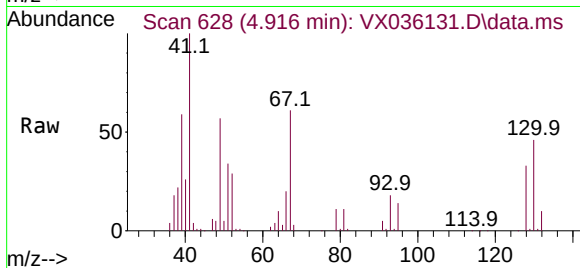


#41
Methacrylonitrile
Concen: 57.465 ug/l
RT: 4.916 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX036131.D
Acq: 13 Jun 2023 08:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 41 Resp: 103915

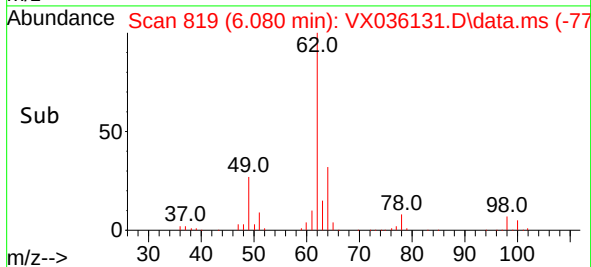
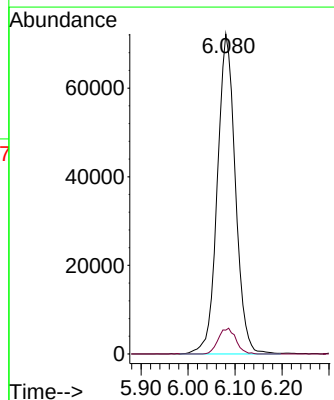
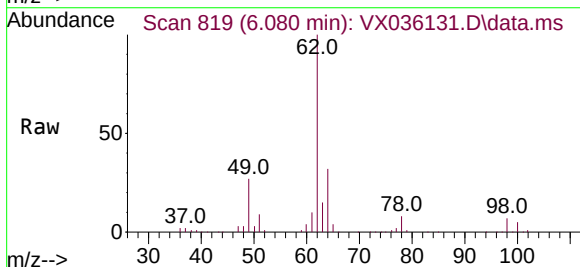
Ion	Ratio	Lower	Upper
41	100		
39	57.3	45.6	68.4
67	65.2	51.8	77.6
52	29.0	22.7	34.1

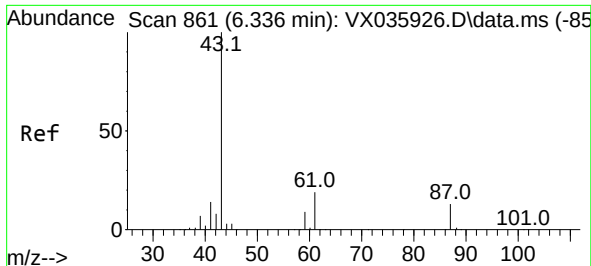


#42
1,2-Dichloroethane
Concen: 56.774 ug/l
RT: 6.080 min Scan# 819
Delta R.T. -0.006 min
Lab File: VX036131.D
Acq: 13 Jun 2023 08:58

Tgt Ion: 62 Resp: 193139

Ion	Ratio	Lower	Upper
62	100		
98	7.9	0.0	16.0

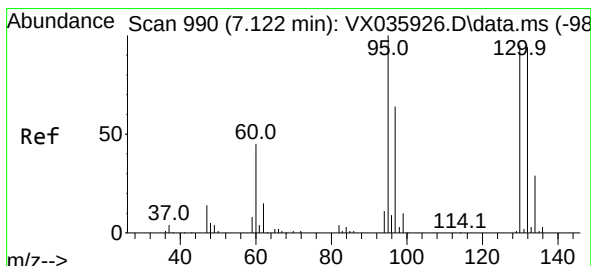
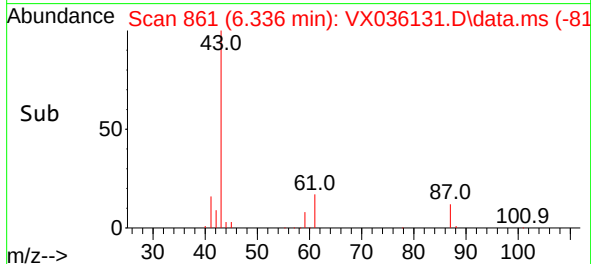
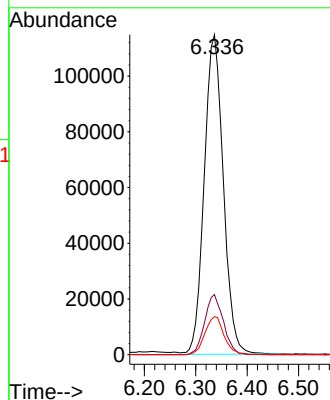
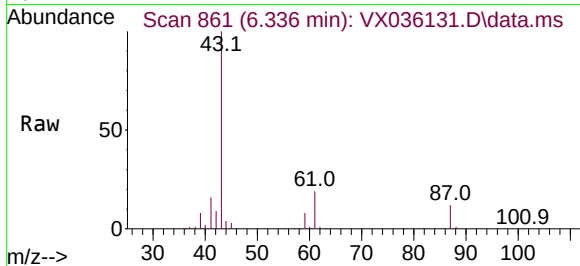




#43
Isopropyl Acetate
Concen: 56.452 ug/l
RT: 6.336 min Scan# 861
Delta R.T. 0.000 min
Lab File: VX036131.D
Acq: 13 Jun 2023 08:58

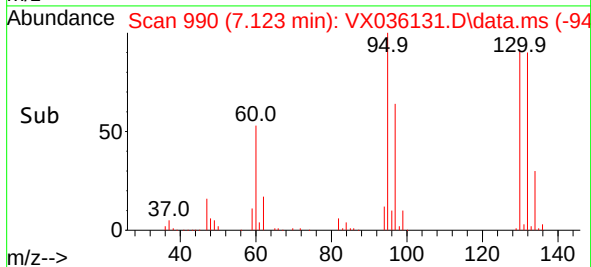
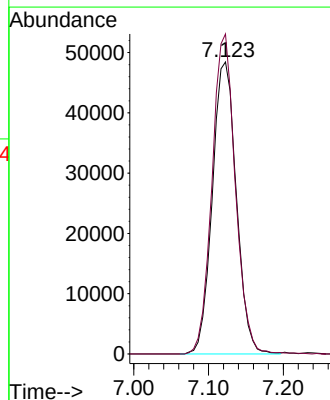
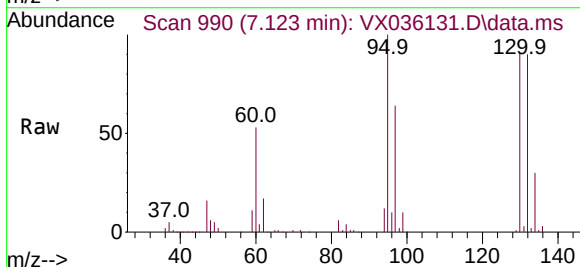
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

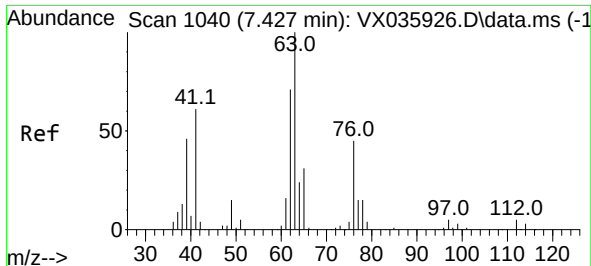
Tgt Ion: 43 Resp: 295889
Ion Ratio Lower Upper
43 100
61 18.5 15.0 22.4
87 11.9 9.9 14.9



#44
Trichloroethene
Concen: 48.511 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.001 min
Lab File: VX036131.D
Acq: 13 Jun 2023 08:58

Tgt Ion:130 Resp: 108106
Ion Ratio Lower Upper
130 100
95 109.6 0.0 207.6





#45

1,2-Dichloropropane

Concen: 51.824 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VX036131.D

Acq: 13 Jun 2023 08:58

Instrument :

MSVOA_X

ClientSampleId :

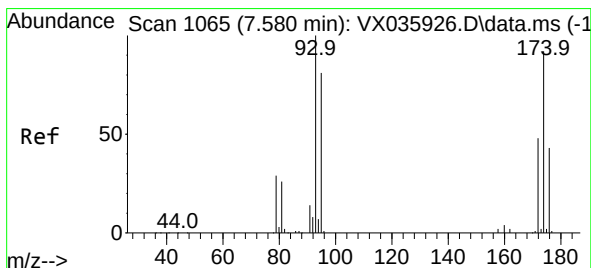
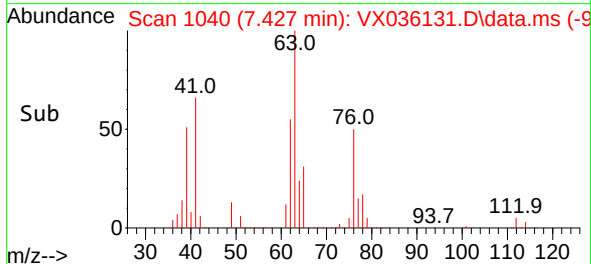
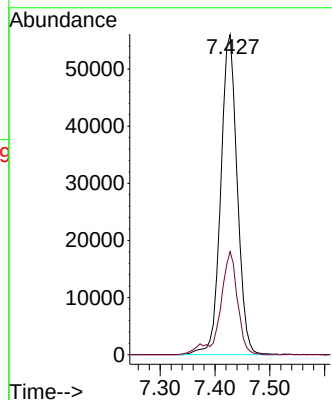
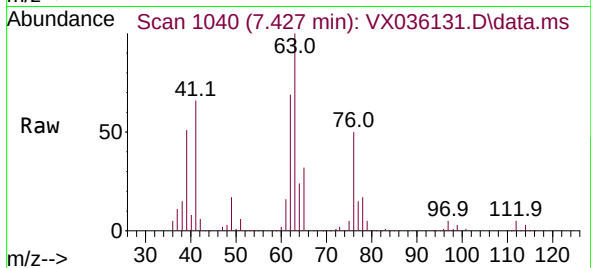
VSTDCCC050

Tgt Ion: 63 Resp: 117176

Ion Ratio Lower Upper

63 100

65 32.2 24.8 37.2



#46

Dibromomethane

Concen: 53.127 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VX036131.D

Acq: 13 Jun 2023 08:58

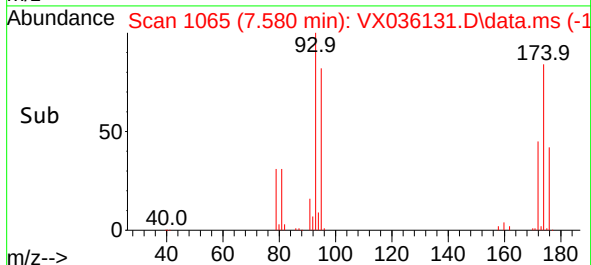
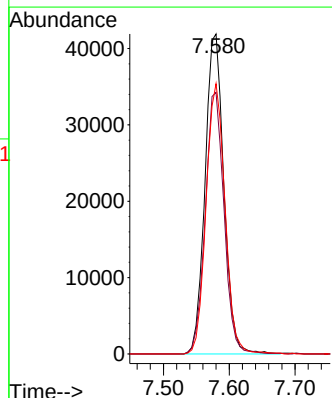
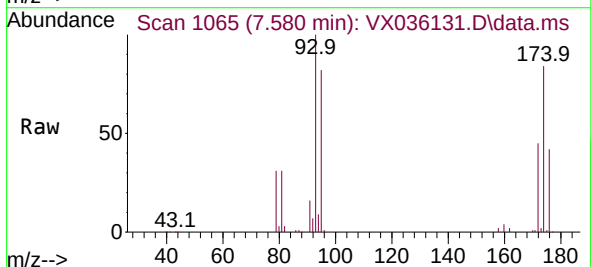
Tgt Ion: 93 Resp: 83443

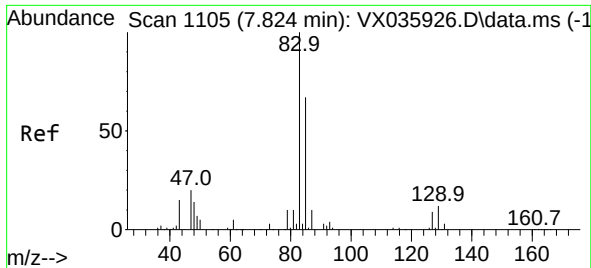
Ion Ratio Lower Upper

93 100

95 81.6 66.2 99.2

174 85.0 69.5 104.3

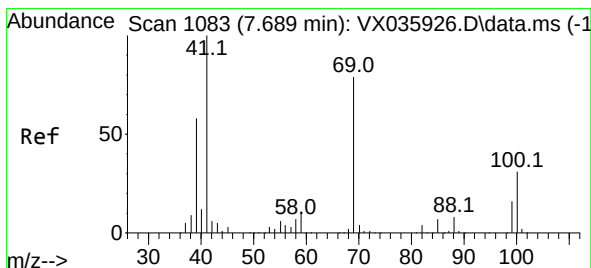
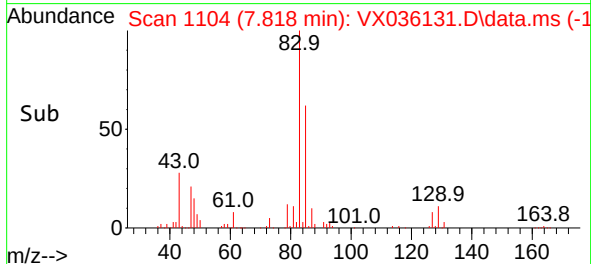
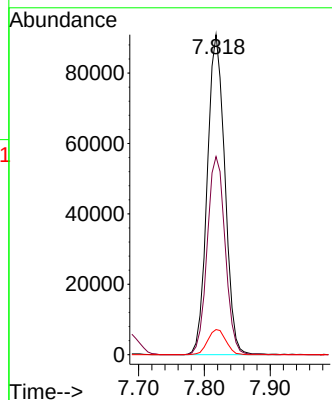
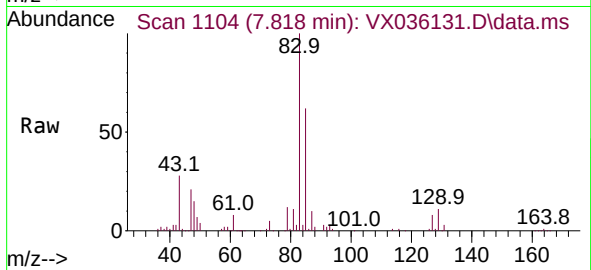




#47
Bromodichloromethane
Concen: 57.148 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.005 min
Lab File: VX036131.D
Acq: 13 Jun 2023 08:58

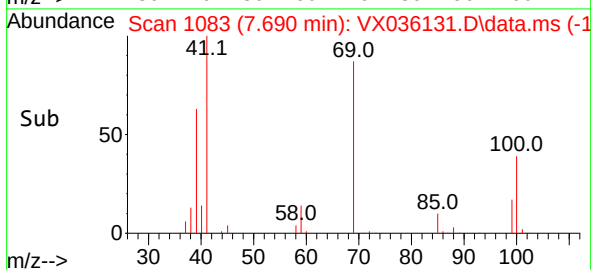
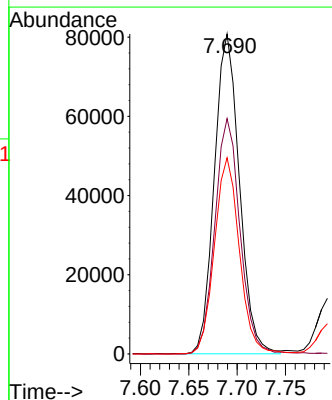
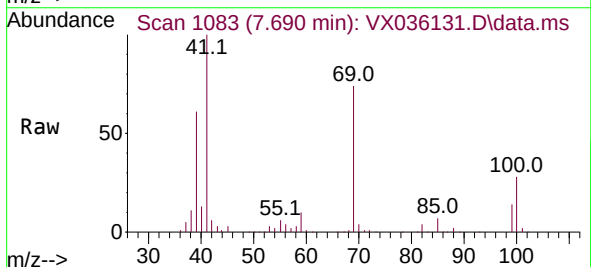
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

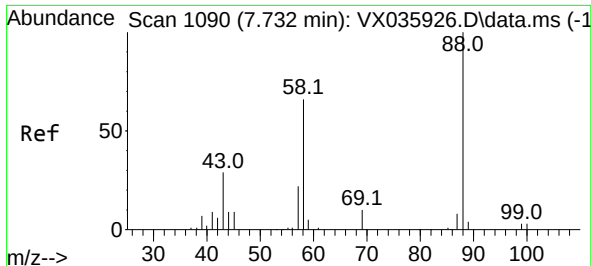
Tgt Ion: 83 Resp: 168841
Ion Ratio Lower Upper
83 100
85 61.9 51.3 76.9
127 7.8 6.6 10.0



#48
Methyl methacrylate
Concen: 56.554 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.001 min
Lab File: VX036131.D
Acq: 13 Jun 2023 08:58

Tgt Ion: 41 Resp: 145366
Ion Ratio Lower Upper
41 100
69 74.1 59.0 88.6
39 61.3 48.4 72.6





#49

1,4-Dioxane

Concen: 875.866 ug/l

RT: 7.738 min Scan# 1090

Delta R.T. 0.024 min

Lab File: VX036131.D

Acq: 13 Jun 2023 08:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

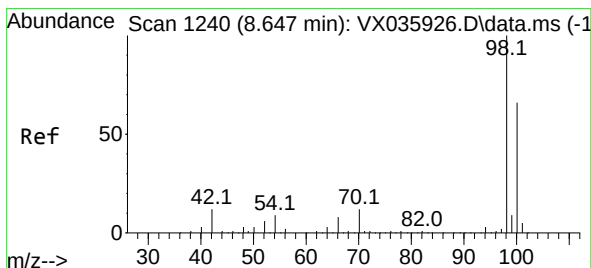
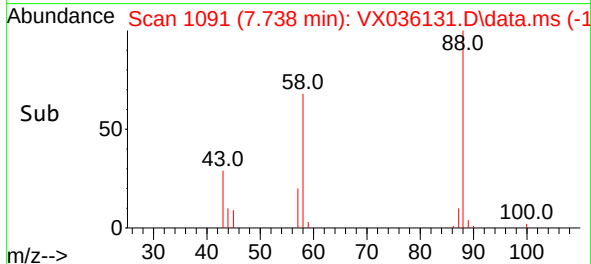
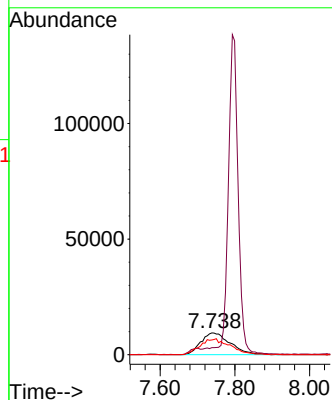
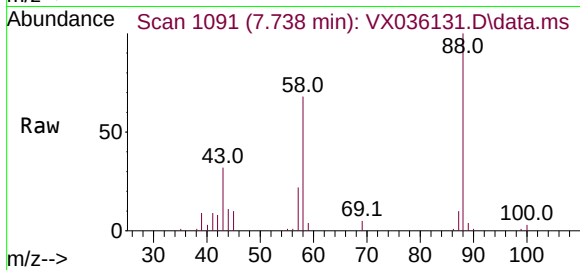
Tgt Ion: 88 Resp: 51561

Ion Ratio Lower Upper

88 100

43 0.0 27.4 41.0#

58 74.4 58.9 88.3



#50

Toluene-d8

Concen: 50.916 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.001 min

Lab File: VX036131.D

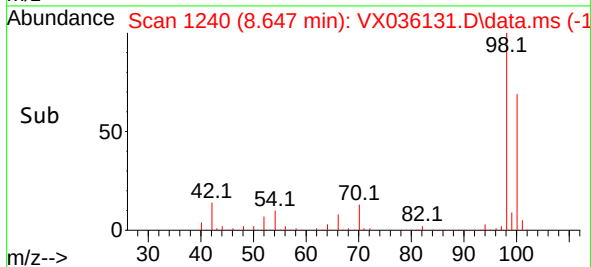
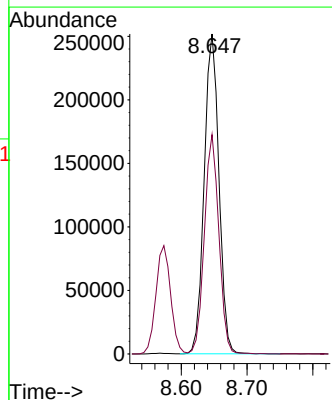
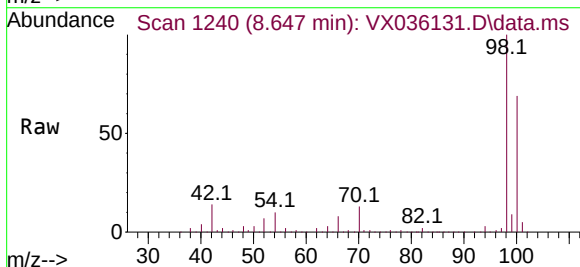
Acq: 13 Jun 2023 08:58

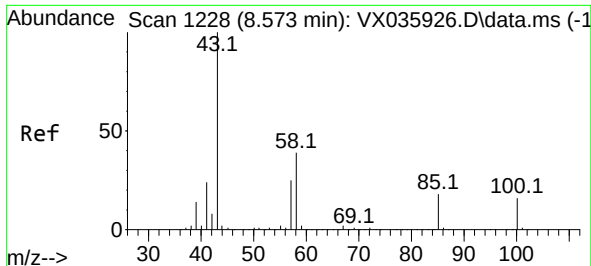
Tgt Ion: 98 Resp: 392276

Ion Ratio Lower Upper

98 100

100 67.5 53.4 80.0

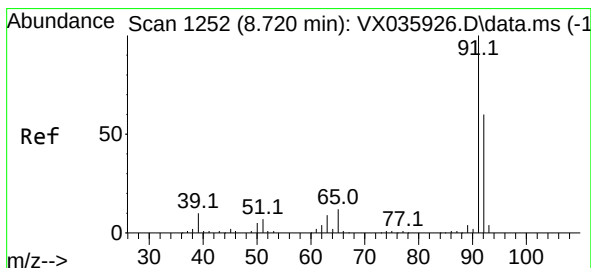
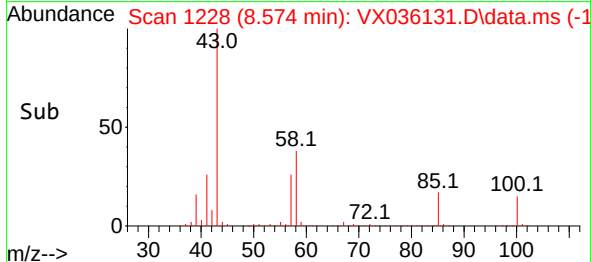
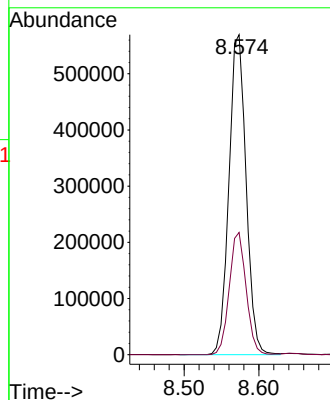
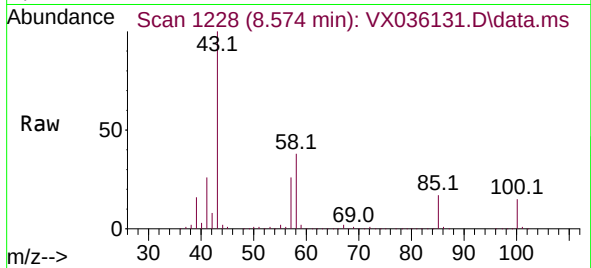




#51
4-Methyl-2-Pentanone
Concen: 284.299 ug/l
RT: 8.574 min Scan# 11
Delta R.T. 0.001 min
Lab File: VX036131.D
Acq: 13 Jun 2023 08:58

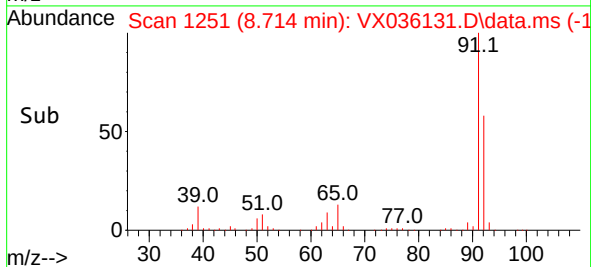
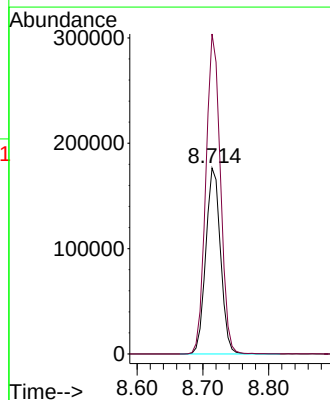
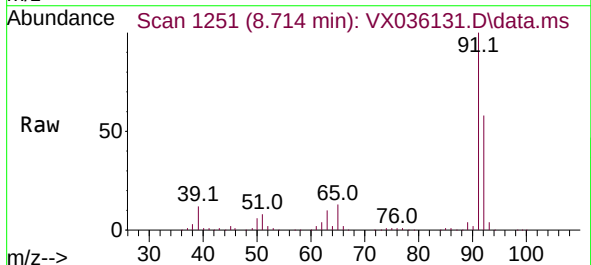
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

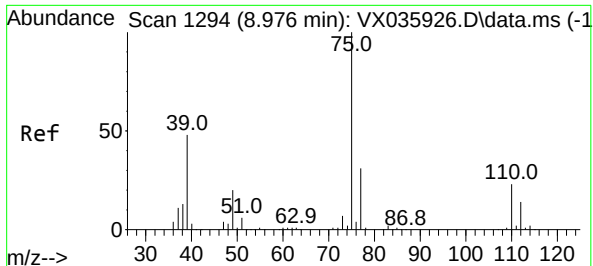
Tgt Ion: 43 Resp: 909585
Ion Ratio Lower Upper
43 100
58 37.5 30.1 45.1



#52
Toluene
Concen: 50.980 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.006 min
Lab File: VX036131.D
Acq: 13 Jun 2023 08:58

Tgt Ion: 92 Resp: 275331
Ion Ratio Lower Upper
92 100
91 170.4 133.5 200.3





#53

t-1,3-Dichloropropene

Concen: 58.013 ug/l

RT: 8.976 min Scan# 1193

Delta R.T. -0.000 min

Lab File: VX036131.D

Acq: 13 Jun 2023 08:58

Instrument :

MSVOA_X

ClientSampleId :

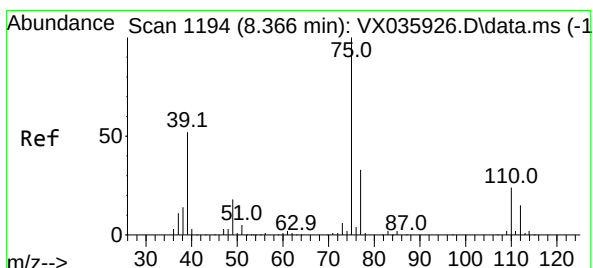
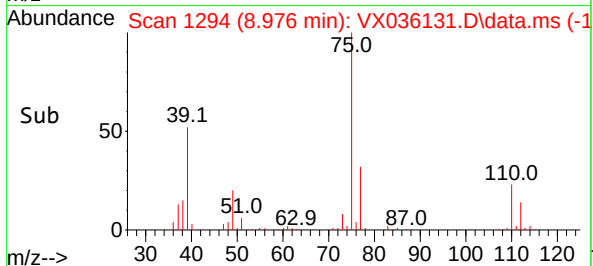
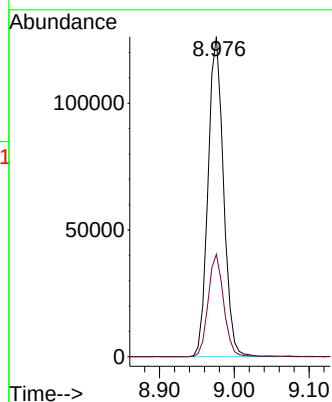
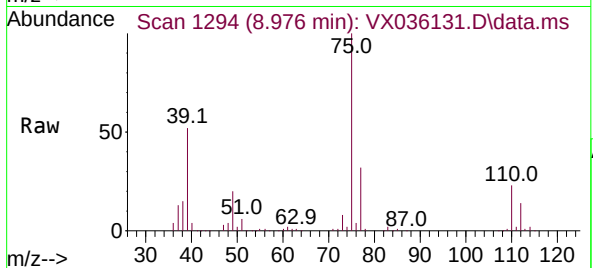
VSTDCCC050

Tgt Ion: 75 Resp: 181184

Ion Ratio Lower Upper

75 100

77 32.0 25.0 37.6



#54

cis-1,3-Dichloropropene

Concen: 55.495 ug/l

RT: 8.360 min Scan# 1193

Delta R.T. -0.006 min

Lab File: VX036131.D

Acq: 13 Jun 2023 08:58

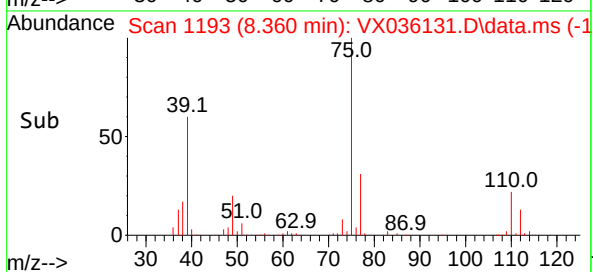
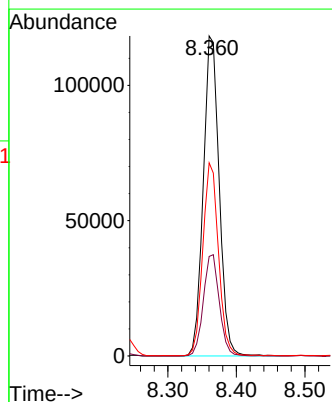
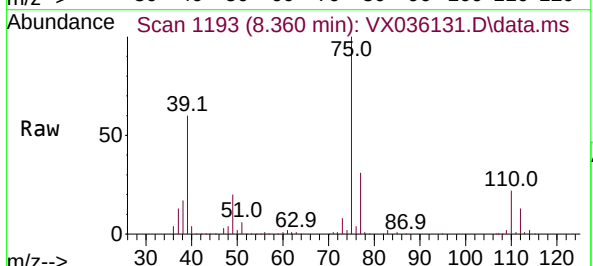
Tgt Ion: 75 Resp: 191394

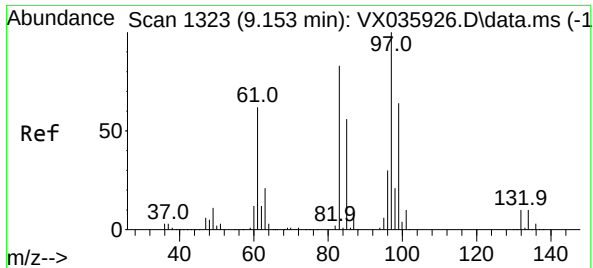
Ion Ratio Lower Upper

75 100

77 31.1 24.7 37.1

39 60.3 47.0 70.6

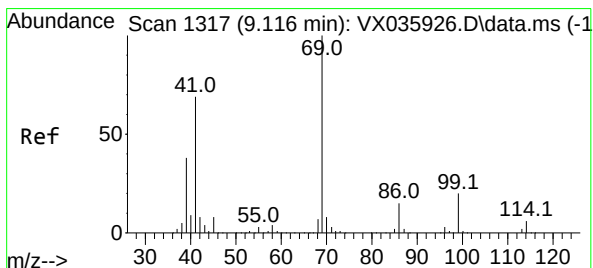
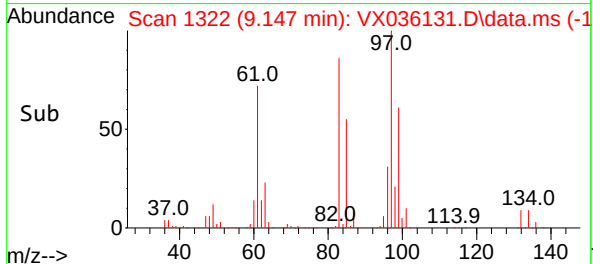
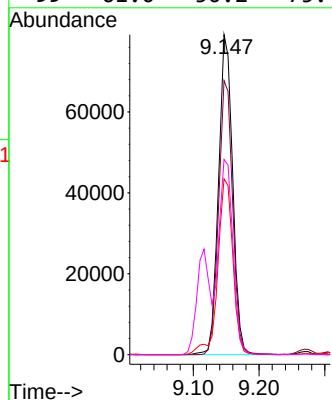
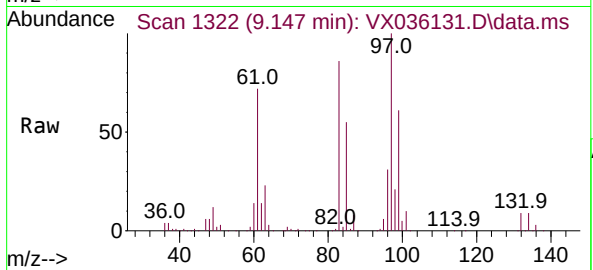




#55
1,1,2-Trichloroethane
Concen: 52.529 ug/l
RT: 9.147 min Scan# 11
Delta R.T. -0.005 min
Lab File: VX036131.D
Acq: 13 Jun 2023 08:58

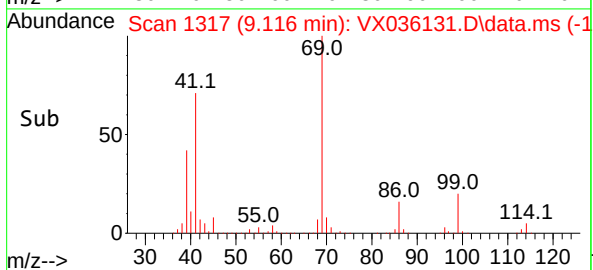
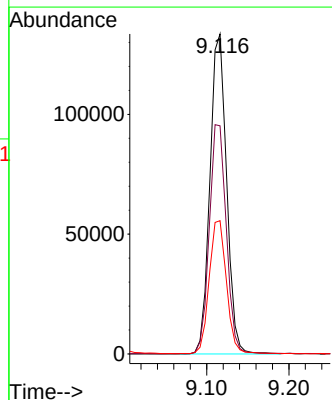
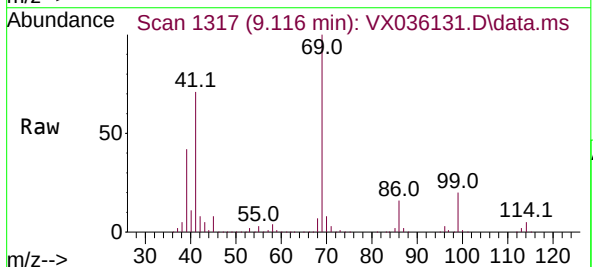
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

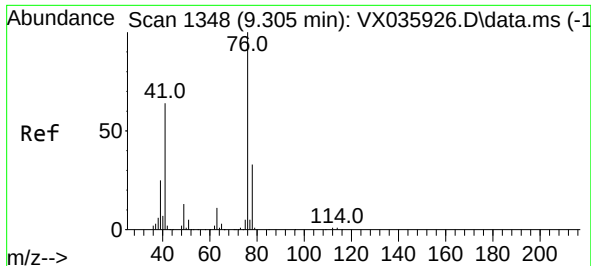
Tgt Ion: 97	Resp: 118198		
Ion	Ratio	Lower	Upper
97	100		
83	85.7	68.3	102.5
85	54.9	44.2	66.2
99	61.0	50.2	75.4



#56
Ethyl methacrylate
Concen: 55.965 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX036131.D
Acq: 13 Jun 2023 08:58

Tgt Ion: 69	Resp: 188273
Ion Ratio	Lower Upper
69 100	
41 73.0	58.9 88.3
39 43.2	33.4 50.0

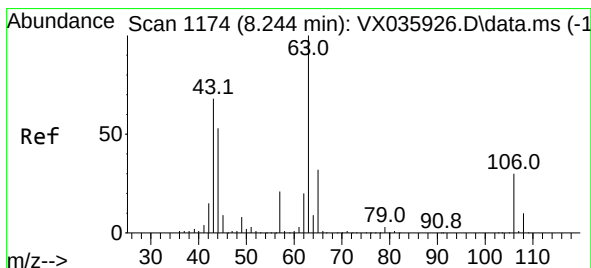
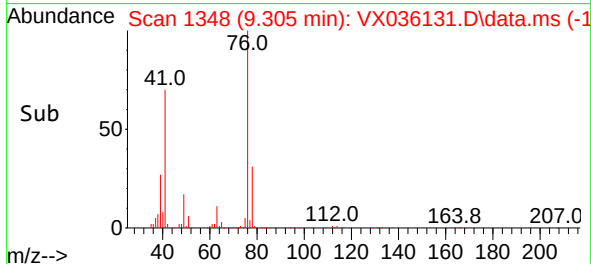
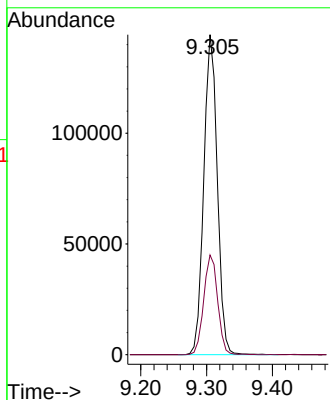
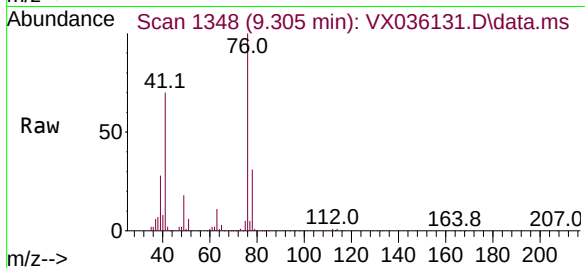




#57
1,3-Dichloropropane
Concen: 53.325 ug/l
RT: 9.305 min Scan# 111
Delta R.T. -0.006 min
Lab File: VX036131.D
Acq: 13 Jun 2023 08:58

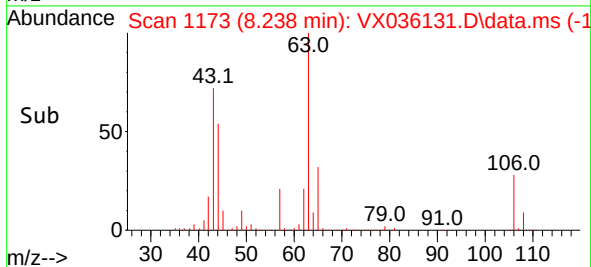
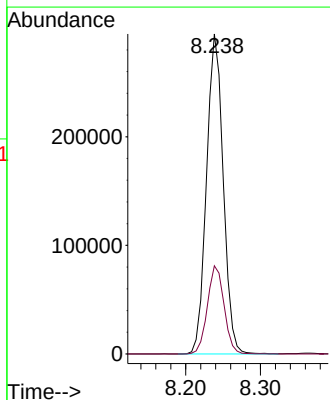
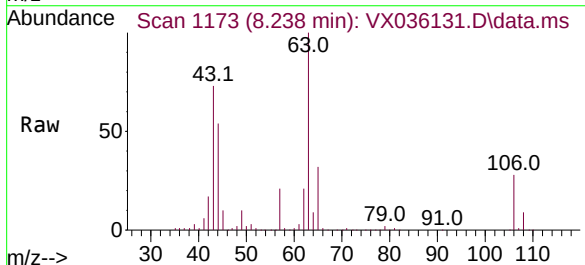
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

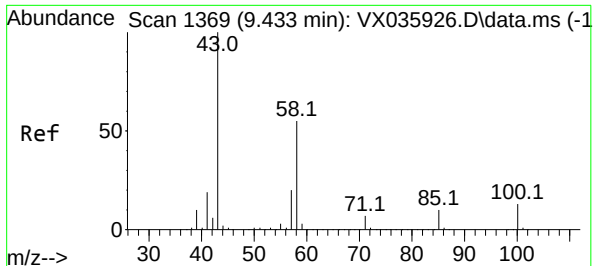
Tgt Ion: 76 Resp: 206498
Ion Ratio Lower Upper
76 100
78 32.1 26.0 39.0



#58
2-Chloroethyl Vinyl ether
Concen: 259.897 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. -0.006 min
Lab File: VX036131.D
Acq: 13 Jun 2023 08:58

Tgt Ion: 63 Resp: 458126
Ion Ratio Lower Upper
63 100
106 27.6 22.3 33.5





#59

2-Hexanone

Concen: 295.193 ug/l

RT: 9.427 min Scan# 1368

Delta R.T. -0.006 min

Lab File: VX036131.D

Acq: 13 Jun 2023 08:58

Instrument :

MSVOA_X

ClientSampleId :

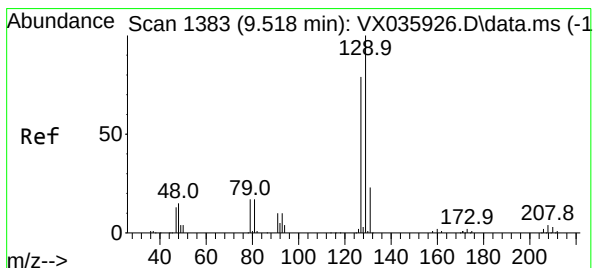
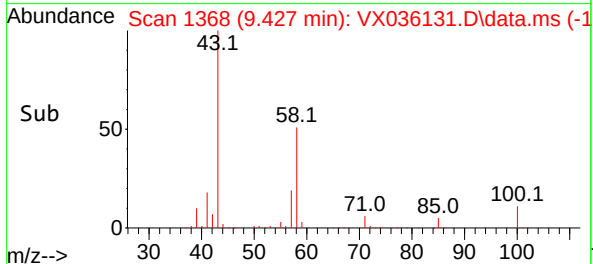
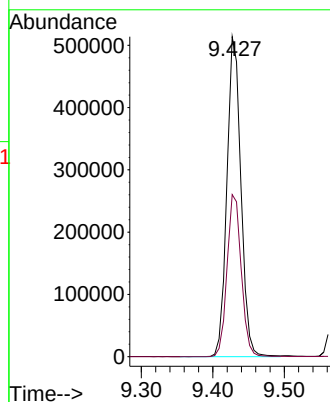
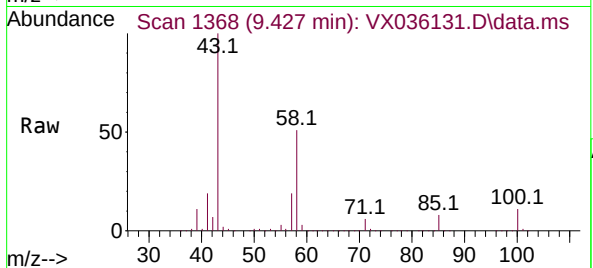
VSTDCCC050

Tgt Ion: 43 Resp: 698234

Ion Ratio Lower Upper

43 100

58 51.4 26.3 78.8



#60

Dibromochloromethane

Concen: 56.252 ug/l

RT: 9.519 min Scan# 1383

Delta R.T. -0.005 min

Lab File: VX036131.D

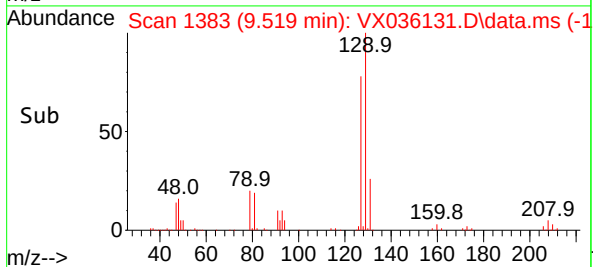
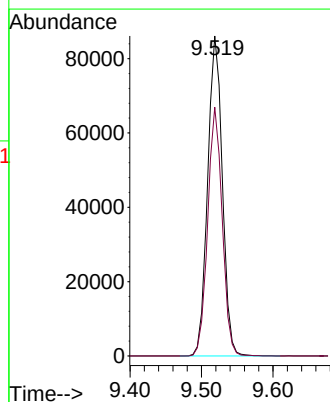
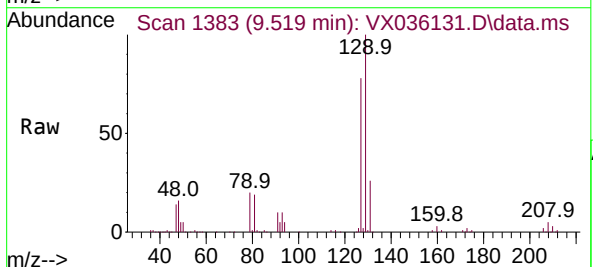
Acq: 13 Jun 2023 08:58

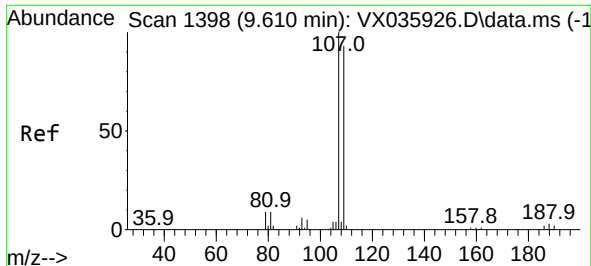
Tgt Ion:129 Resp: 122876

Ion Ratio Lower Upper

129 100

127 76.7 38.4 115.1

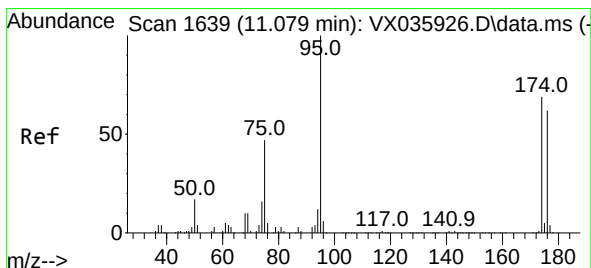
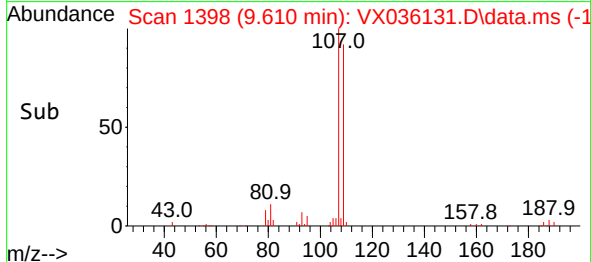
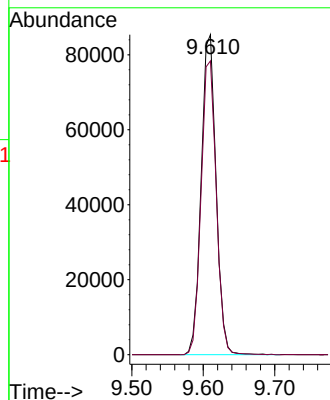
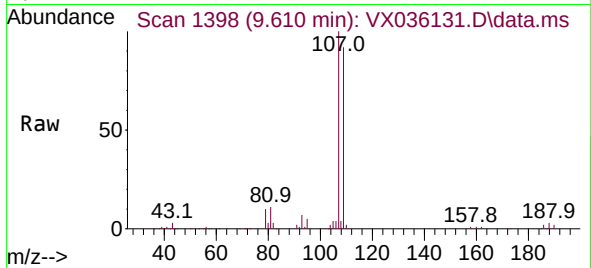




#61
1,2-Dibromoethane
Concen: 53.565 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX036131.D
Acq: 13 Jun 2023 08:58

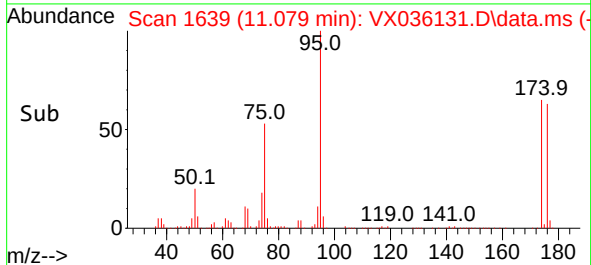
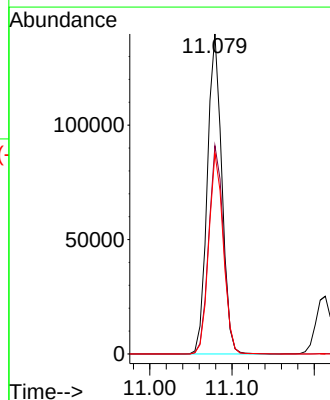
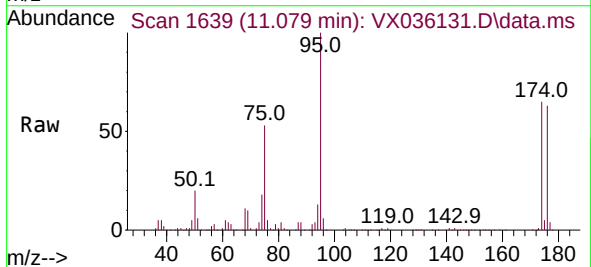
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

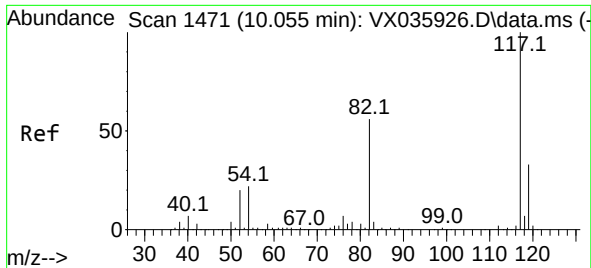
Tgt Ion:107 Resp: 123218
Ion Ratio Lower Upper
107 100
109 93.7 74.8 112.2



#62
4-Bromofluorobenzene
Concen: 56.290 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX036131.D
Acq: 13 Jun 2023 08:58

Tgt Ion: 95 Resp: 171198
Ion Ratio Lower Upper
95 100
174 66.3 0.0 132.6
176 63.0 0.0 128.0

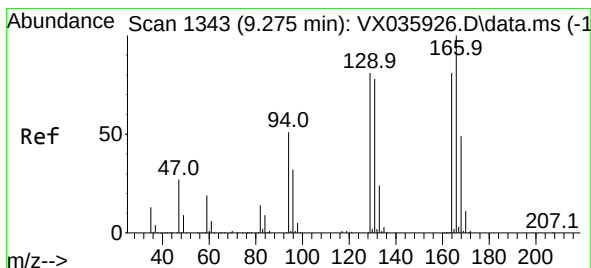
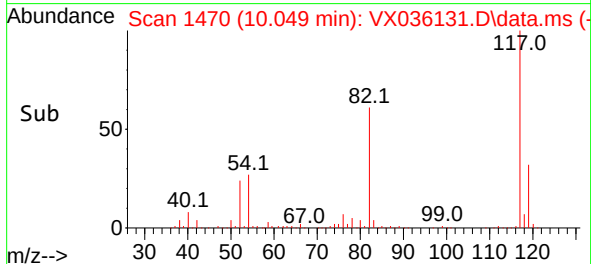
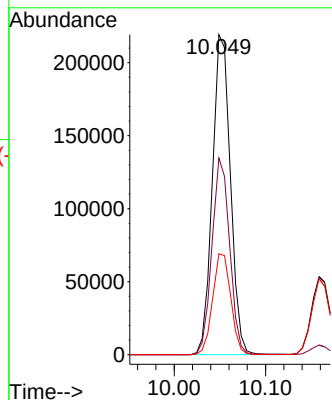
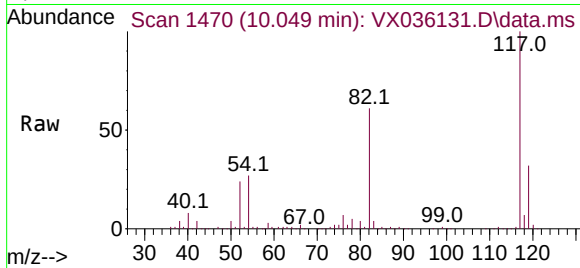




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX036131.D
Acq: 13 Jun 2023 08:58

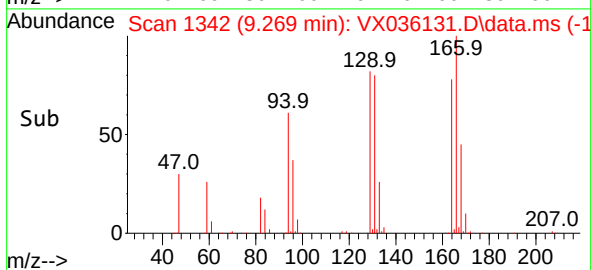
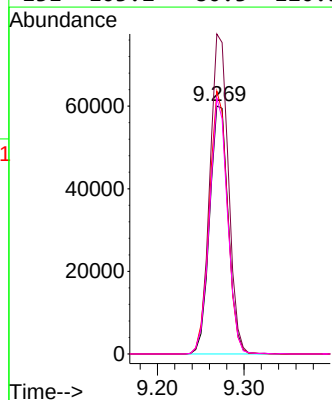
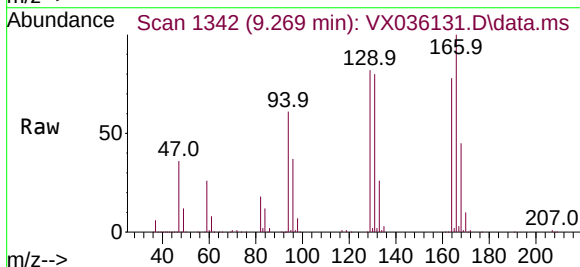
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

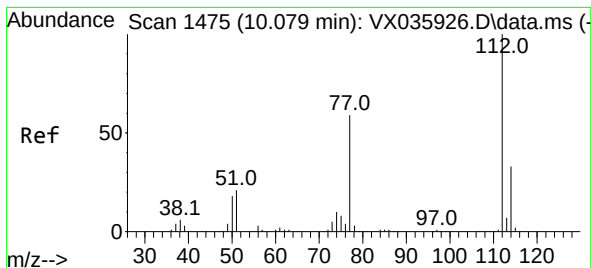
Tgt Ion:117 Resp: 300314
Ion Ratio Lower Upper
117 100
82 61.5 46.6 69.8
119 31.5 25.4 38.2



#64
Tetrachloroethene
Concen: 47.229 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.005 min
Lab File: VX036131.D
Acq: 13 Jun 2023 08:58

Tgt Ion:164 Resp: 89131
Ion Ratio Lower Upper
164 100
166 129.0 104.4 156.6
129 106.0 82.0 123.0
131 103.2 80.3 120.5

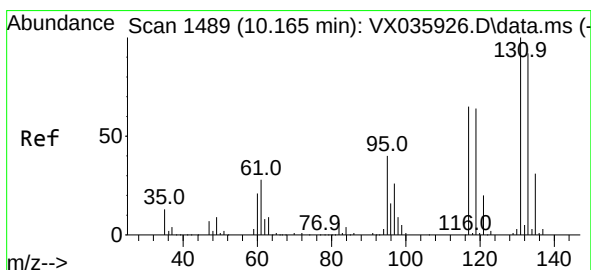
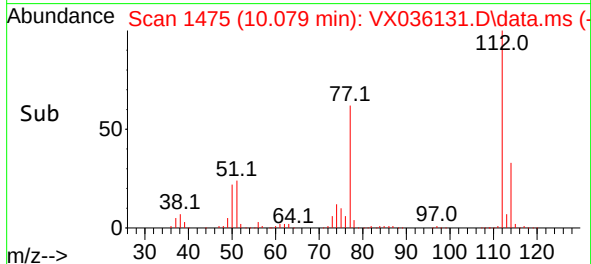
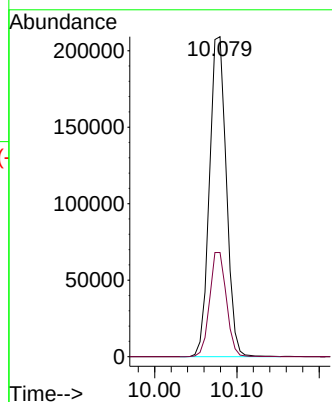
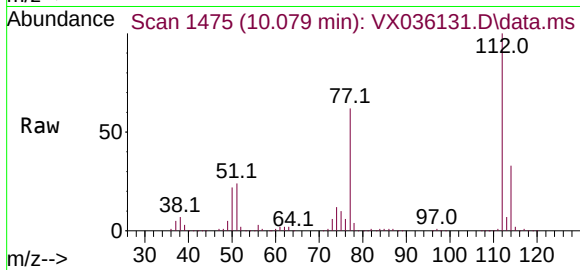




#65
Chlorobenzene
Concen: 49.096 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX036131.D
Acq: 13 Jun 2023 08:58

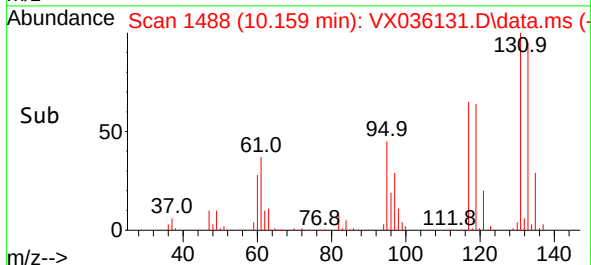
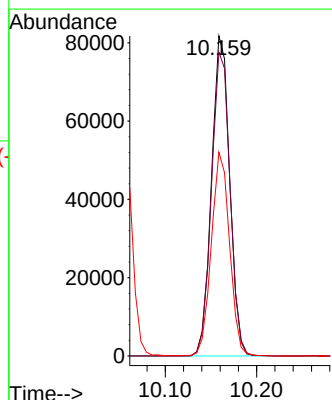
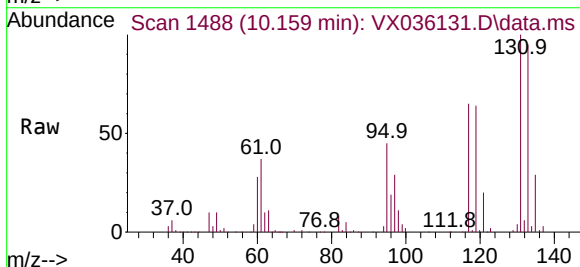
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

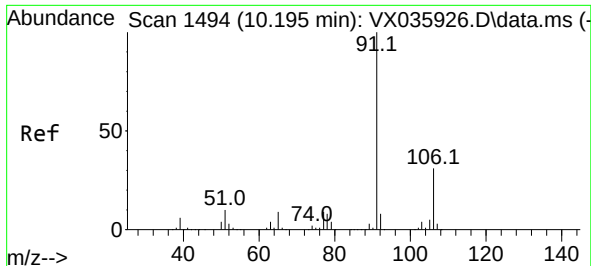
Tgt Ion:112 Resp: 297507
Ion Ratio Lower Upper
112 100
114 32.6 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 52.736 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.005 min
Lab File: VX036131.D
Acq: 13 Jun 2023 08:58

Tgt Ion:131 Resp: 112394
Ion Ratio Lower Upper
131 100
133 97.0 48.1 144.3
119 64.0 32.1 96.5





#67

Ethyl Benzene

Concen: 51.133 ug/l

RT: 10.189 min Scan# 1494

Delta R.T. -0.006 min

Lab File: VX036131.D

Acq: 13 Jun 2023 08:58

Instrument :

MSVOA_X

ClientSampleId :

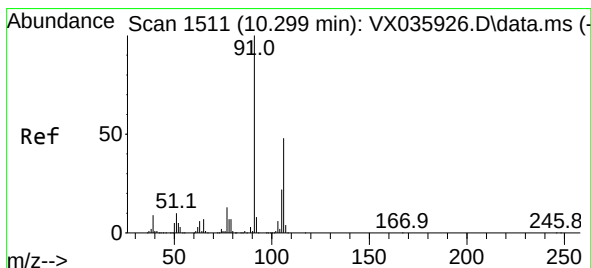
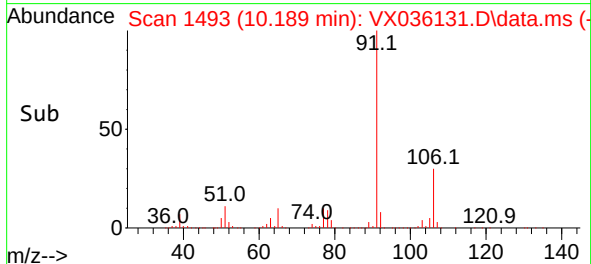
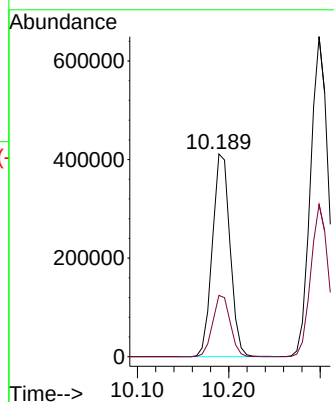
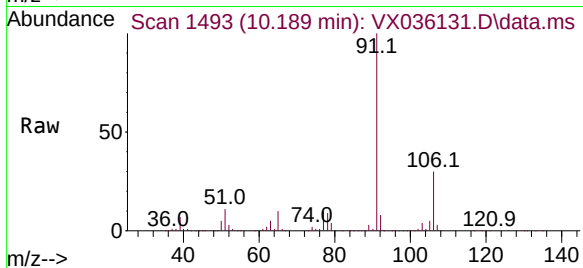
VSTDCCC050

Tgt Ion: 91 Resp: 551447

Ion Ratio Lower Upper

91 100

106 30.2 24.6 37.0



#68

m/p-Xylenes

Concen: 101.158 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. -0.000 min

Lab File: VX036131.D

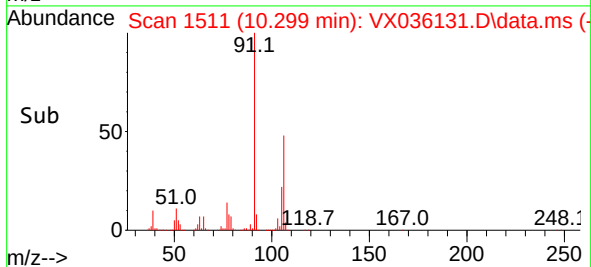
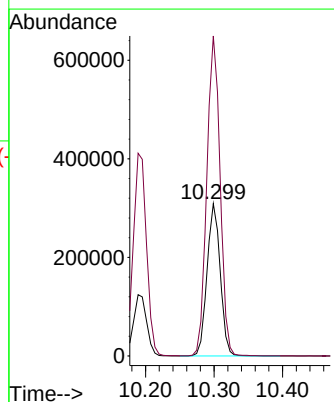
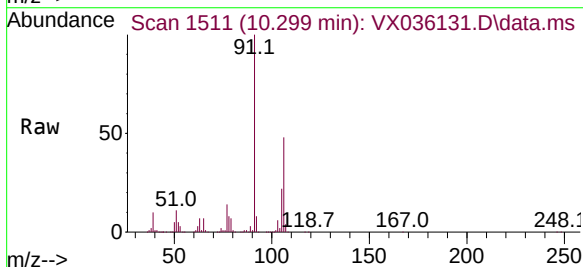
Acq: 13 Jun 2023 08:58

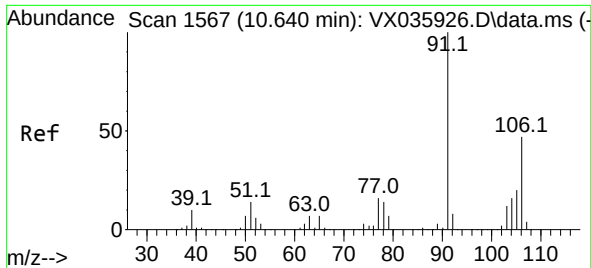
Tgt Ion:106 Resp: 413883

Ion Ratio Lower Upper

106 100

91 212.0 169.8 254.8

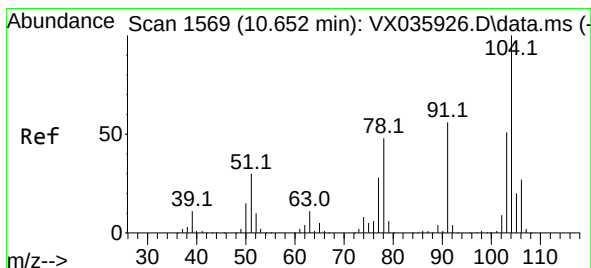
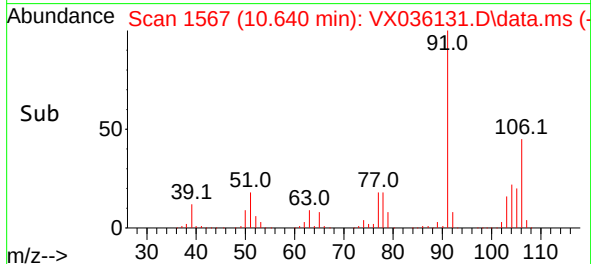
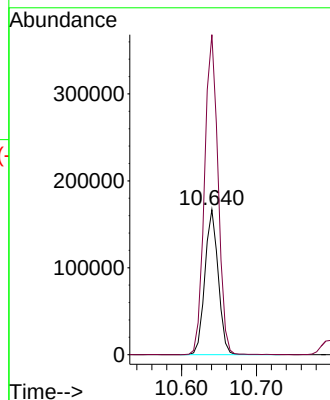
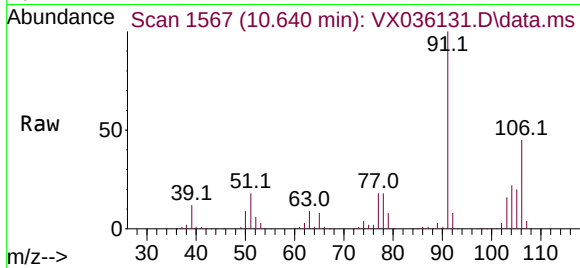




#69
o-Xylene
Concen: 50.070 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX036131.D
Acq: 13 Jun 2023 08:58

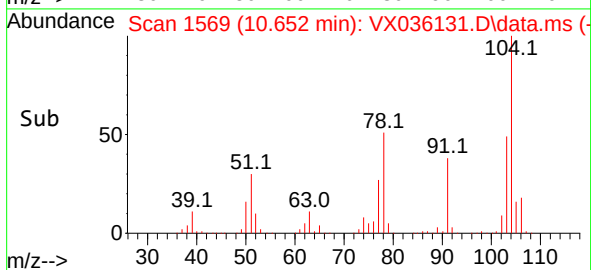
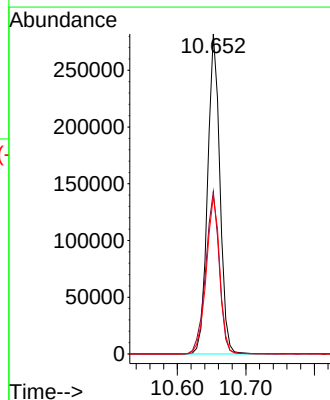
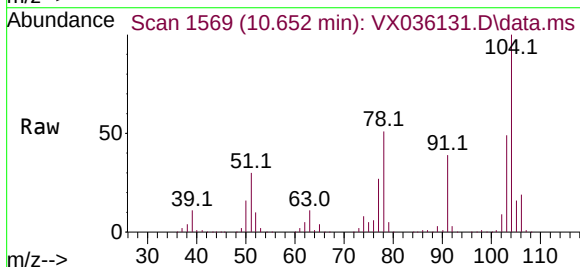
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

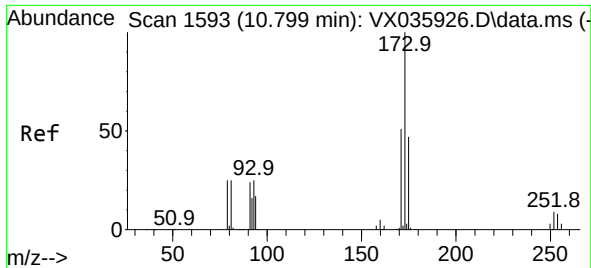
Tgt Ion:106 Resp: 205862
Ion Ratio Lower Upper
106 100
91 225.1 112.5 337.4



#70
Styrene
Concen: 53.080 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.006 min
Lab File: VX036131.D
Acq: 13 Jun 2023 08:58

Tgt Ion:104 Resp: 352628
Ion Ratio Lower Upper
104 100
78 56.2 44.7 67.1
103 54.1 44.0 66.0

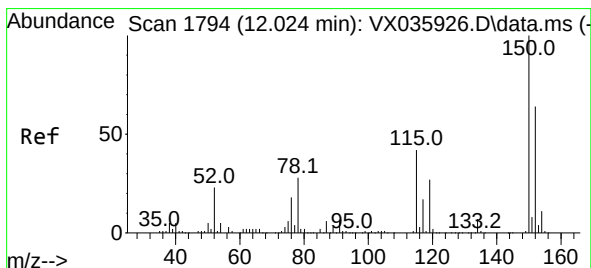
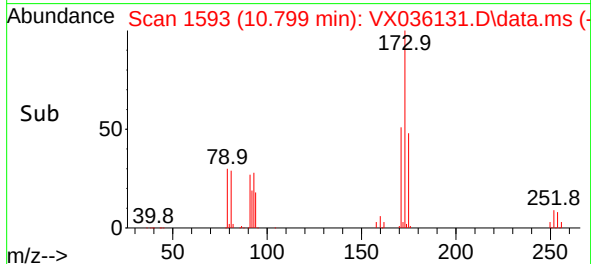
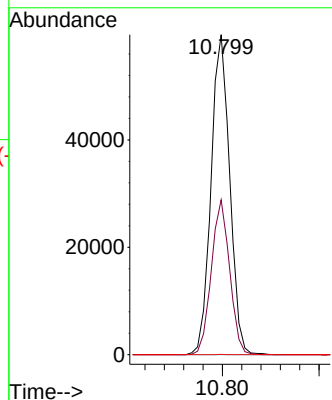
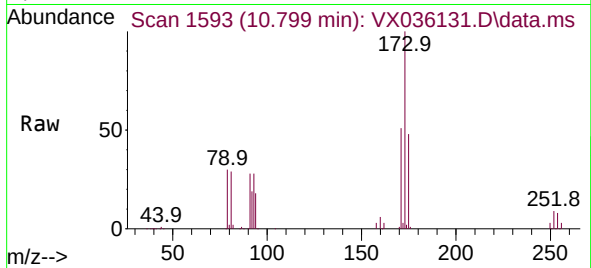




#71
Bromoform
Concen: 54.064 ug/l
RT: 10.799 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX036131.D
Acq: 13 Jun 2023 08:58

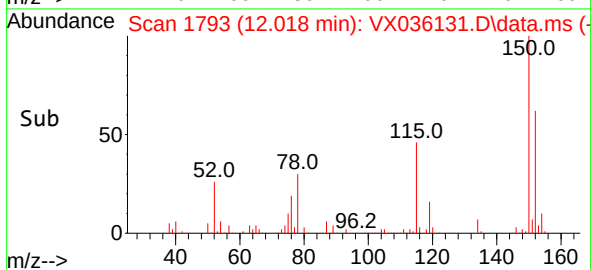
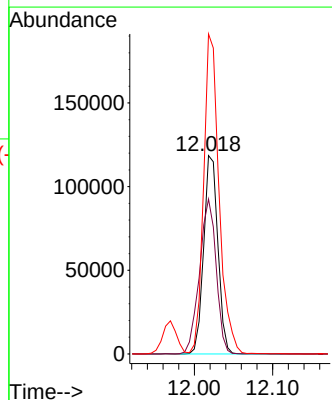
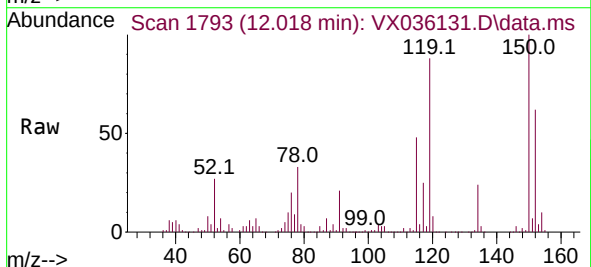
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

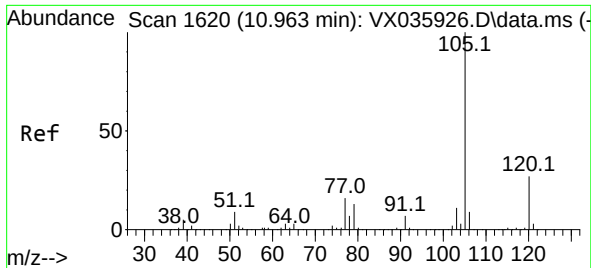
Tgt Ion:173 Resp: 79800
Ion Ratio Lower Upper
173 100
175 47.5 24.2 72.6
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VX036131.D
Acq: 13 Jun 2023 08:58

Tgt Ion:152 Resp: 149154
Ion Ratio Lower Upper
152 100
115 91.6 45.5 136.5
150 174.9 0.0 345.2

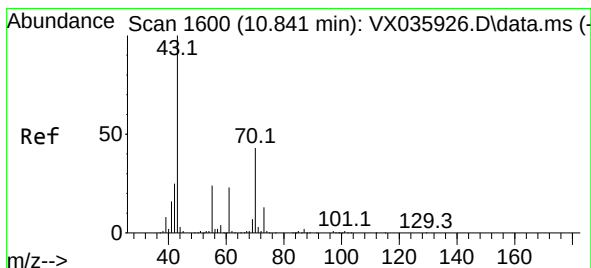
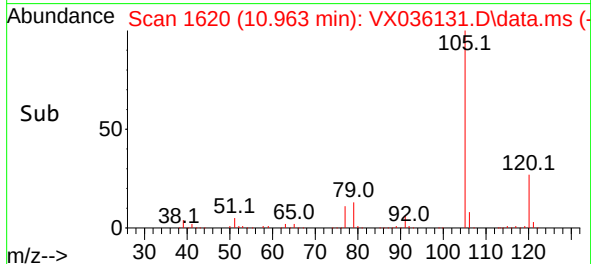
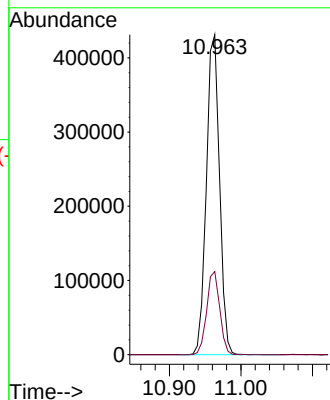
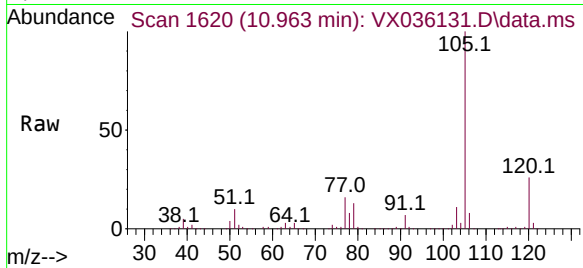




#73
Isopropylbenzene
Concen: 50.830 ug/l
RT: 10.963 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX036131.D
Acq: 13 Jun 2023 08:58

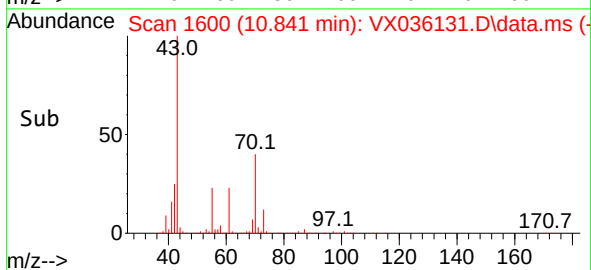
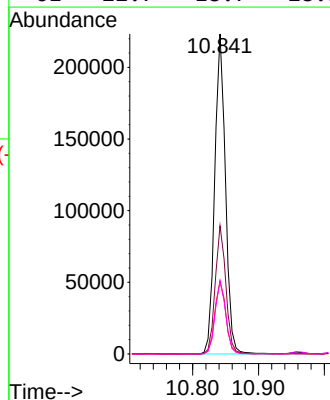
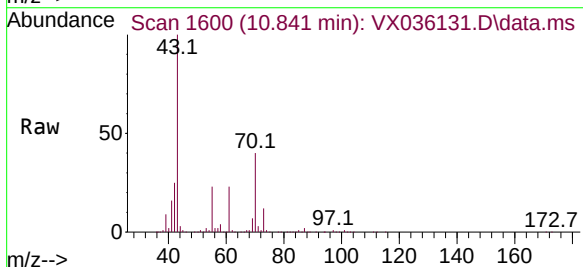
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

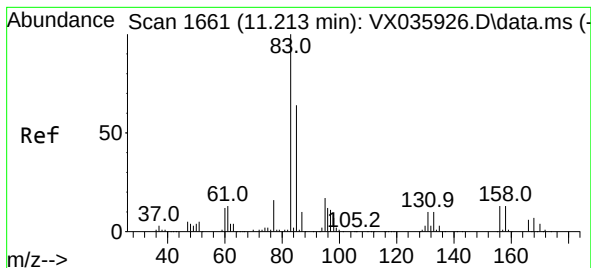
Tgt Ion:105 Resp: 550938
Ion Ratio Lower Upper
105 100
120 25.8 12.7 38.0



#74
N-ethyl acetate
Concen: 53.659 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX036131.D
Acq: 13 Jun 2023 08:58

Tgt Ion: 43 Resp: 253503
Ion Ratio Lower Upper
43 100
70 39.8 32.6 48.8
55 23.6 19.0 28.4
61 22.7 18.7 28.1

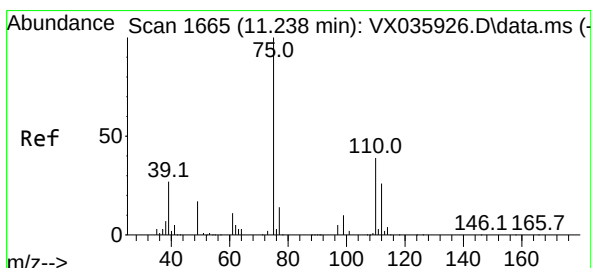
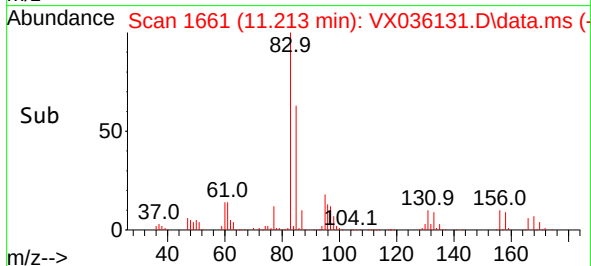
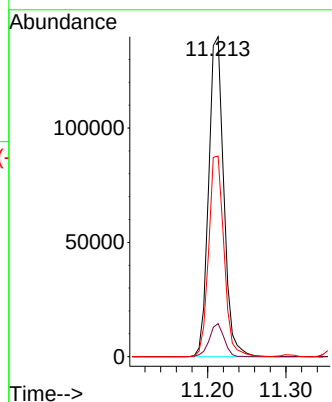
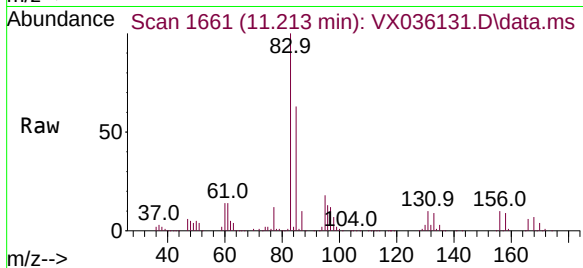




#75
 1,1,2,2-Tetrachloroethane
 Concen: 50.507 ug/l
 RT: 11.213 min Scan# 1661
 Delta R.T. 0.000 min
 Lab File: VX036131.D
 Acq: 13 Jun 2023 08:58

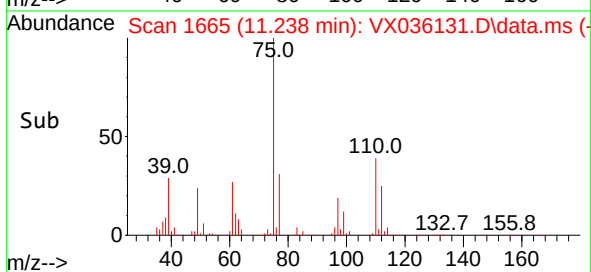
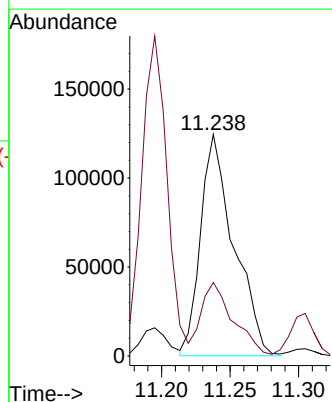
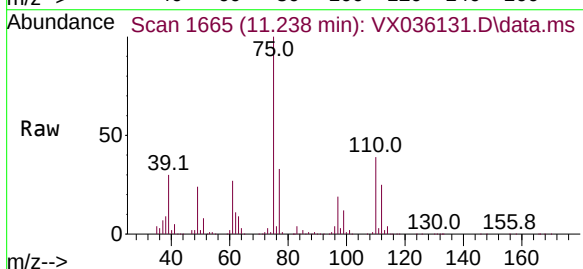
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

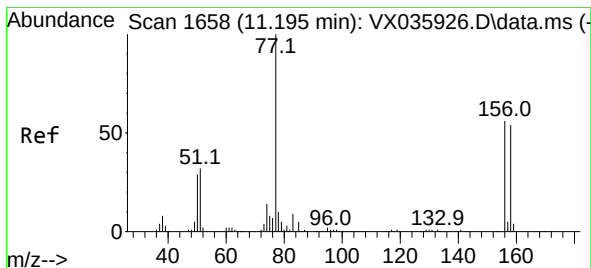
Tgt Ion: 83 Resp: 187263
 Ion Ratio Lower Upper
 83 100
 131 10.1 4.9 14.7
 85 63.6 32.4 97.0



#76
 1,2,3-Trichloropropane
 Concen: 62.711 ug/l
 RT: 11.238 min Scan# 1665
 Delta R.T. 0.001 min
 Lab File: VX036131.D
 Acq: 13 Jun 2023 08:58

Tgt Ion: 75 Resp: 210964
 Ion Ratio Lower Upper
 75 100
 77 31.9 21.4 64.2





#77

Bromobenzene

Concen: 47.012 ug/l

RT: 11.195 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX036131.D

Acq: 13 Jun 2023 08:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

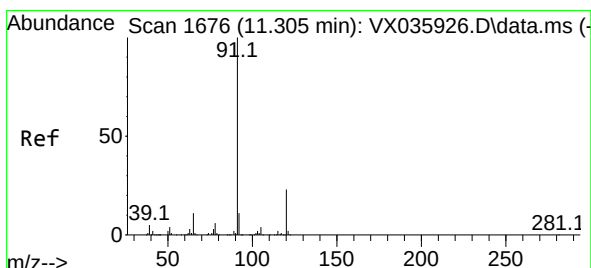
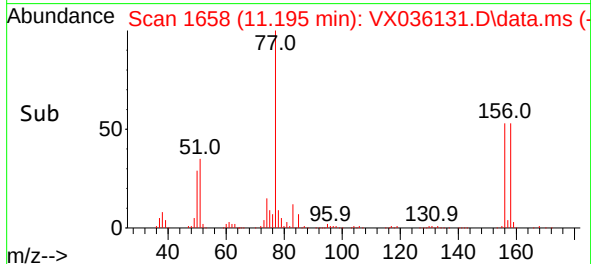
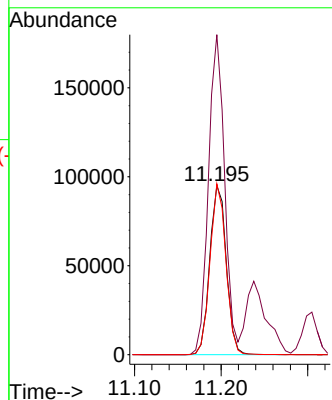
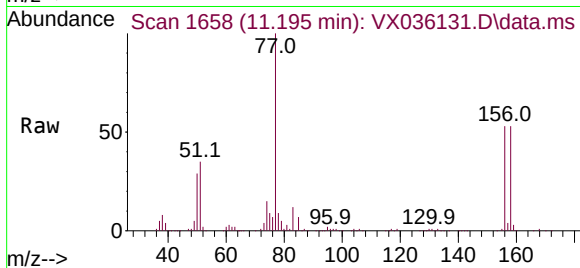
Tgt Ion:156 Resp: 126010

Ion Ratio Lower Upper

156 100

77 184.7 90.8 272.3

158 97.2 47.4 142.3



#78

n-propylbenzene

Concen: 53.493 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VX036131.D

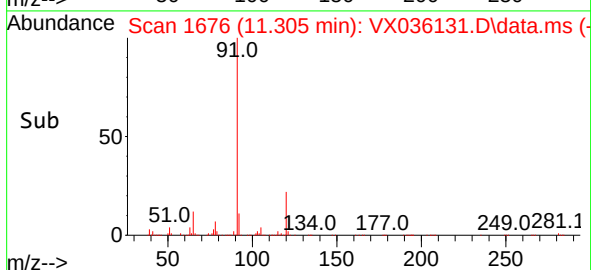
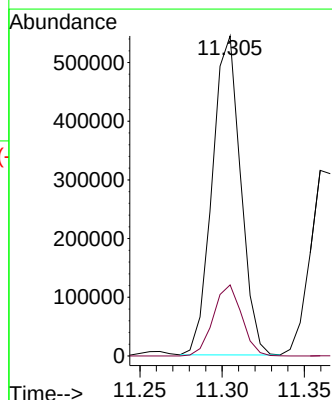
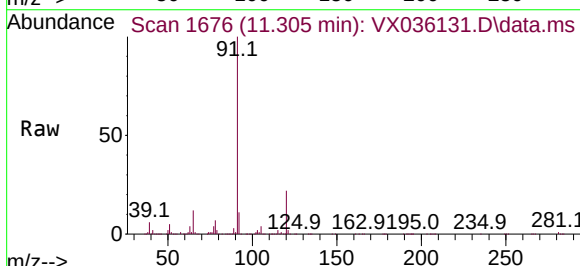
Acq: 13 Jun 2023 08:58

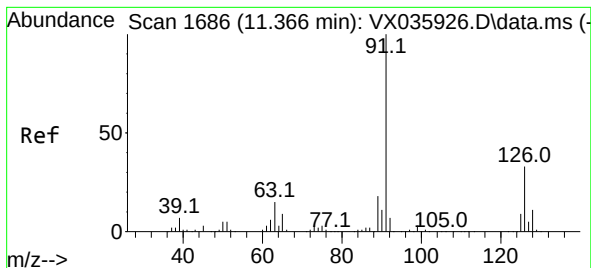
Tgt Ion: 91 Resp: 654395

Ion Ratio Lower Upper

91 100

120 22.3 10.9 32.9





#79

2-Chlorotoluene

Concen: 50.713 ug/l

RT: 11.360 min Scan# 1

Delta R.T. -0.005 min

Lab File: VX036131.D

Acq: 13 Jun 2023 08:58

Instrument :

MSVOA_X

ClientSampleId :

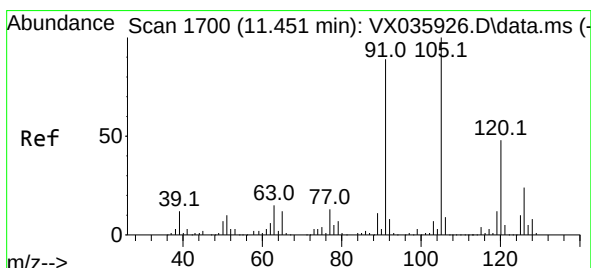
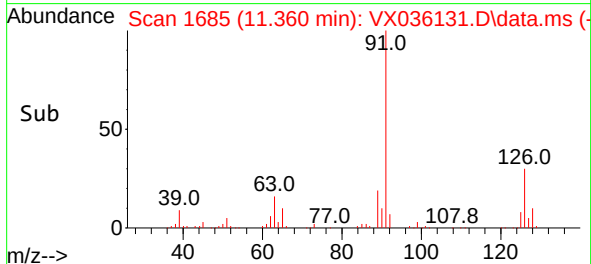
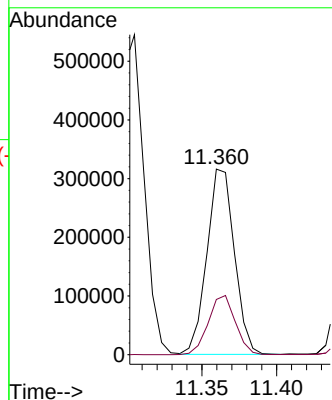
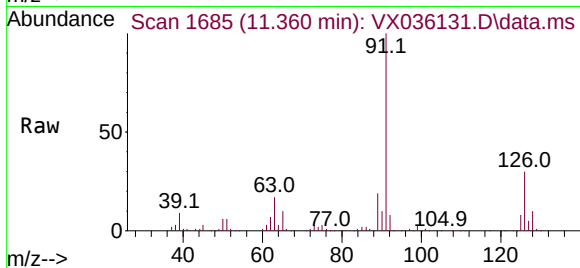
VSTDCCC050

Tgt Ion: 91 Resp: 404030

Ion Ratio Lower Upper

91 100

126 31.5 15.8 47.4



#80

1,3,5-Trimethylbenzene

Concen: 51.832 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX036131.D

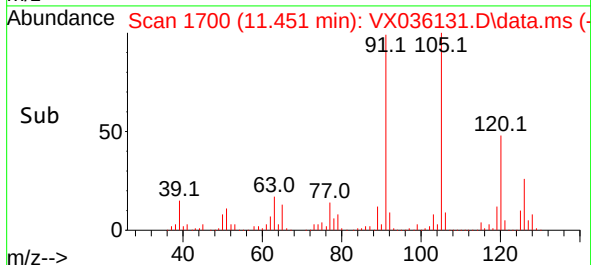
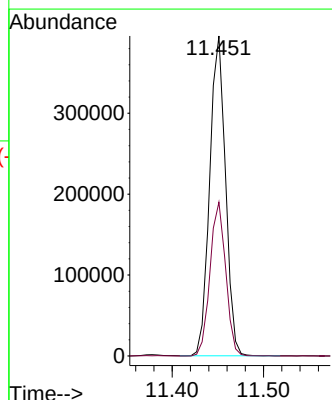
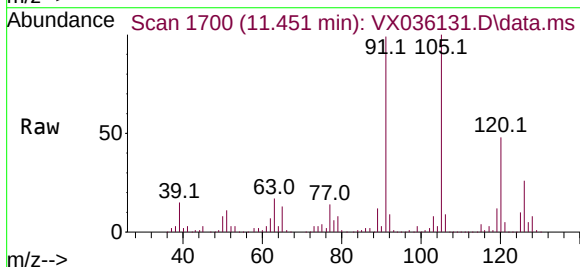
Acq: 13 Jun 2023 08:58

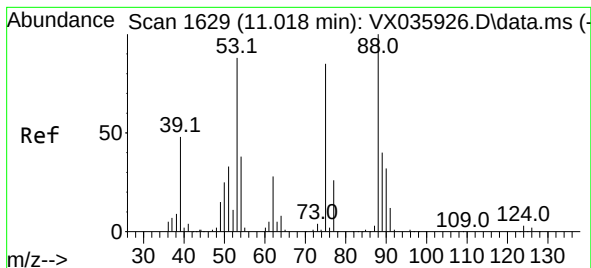
Tgt Ion:105 Resp: 473657

Ion Ratio Lower Upper

105 100

120 47.7 23.8 71.4

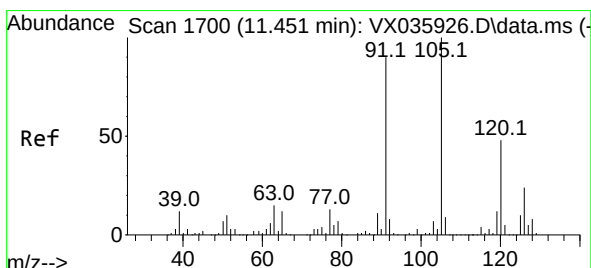
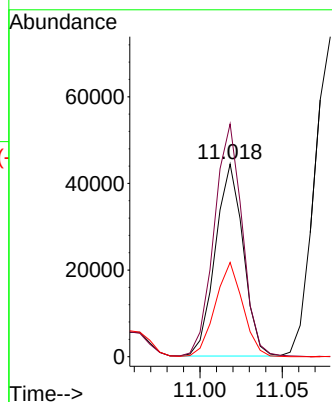
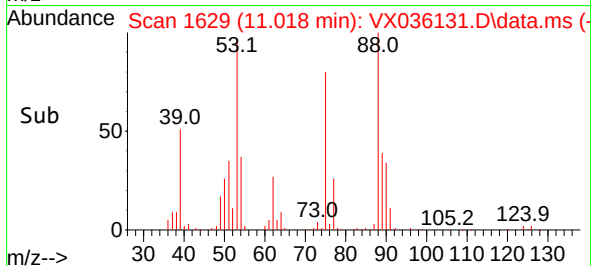
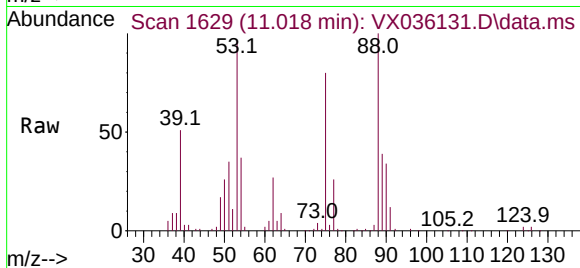




#81
trans-1,4-Dichloro-2-butene
Concen: 52.450 ug/l
RT: 11.018 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VX036131.D
Acq: 13 Jun 2023 08:58

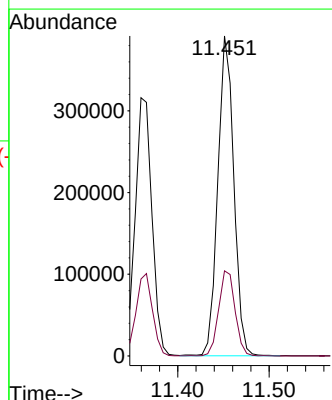
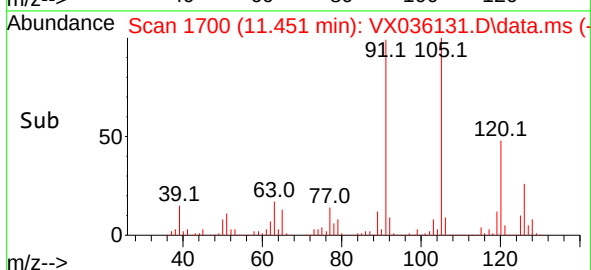
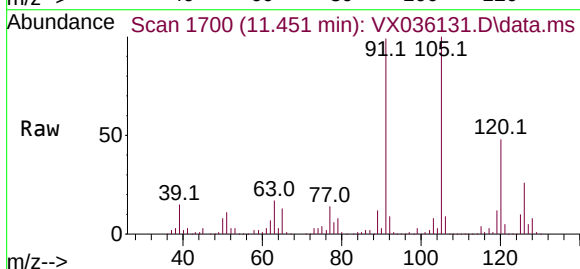
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

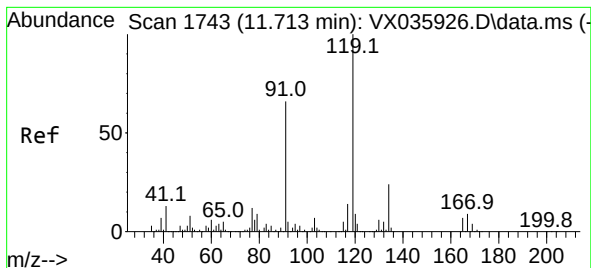
Tgt Ion: 75 Resp: 52384
Ion Ratio Lower Upper
75 100
53 122.4 95.2 142.8
89 48.6 38.0 57.0



#82
4-Chlorotoluene
Concen: 52.066 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.006 min
Lab File: VX036131.D
Acq: 13 Jun 2023 08:58

Tgt Ion: 91 Resp: 476102
Ion Ratio Lower Upper
91 100
126 27.4 13.7 41.0





#83

tert-Butylbenzene

Concen: 52.200 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX036131.D

Acq: 13 Jun 2023 08:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

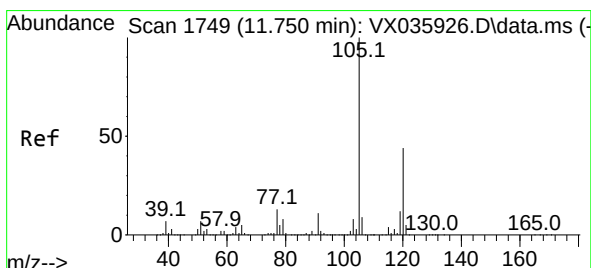
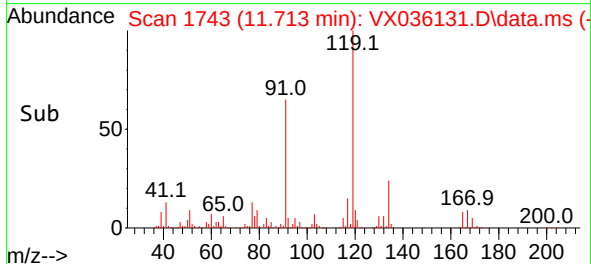
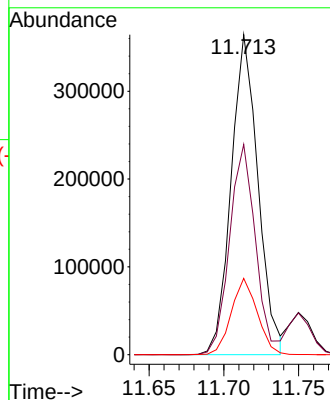
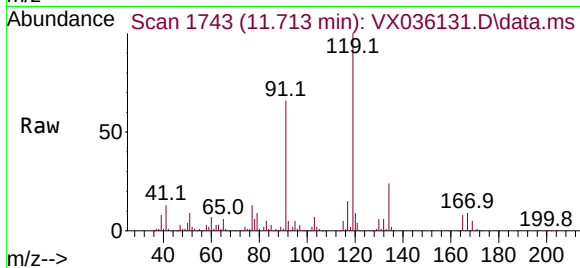
Tgt Ion:119 Resp: 455729

Ion Ratio Lower Upper

119 100

91 63.6 32.4 97.0

134 23.1 11.6 34.8



#84

1,2,4-Trimethylbenzene

Concen: 51.618 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX036131.D

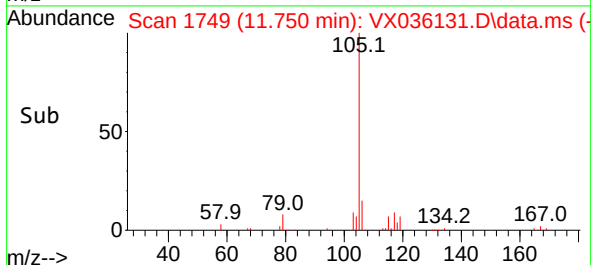
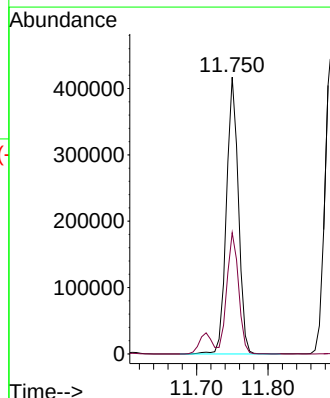
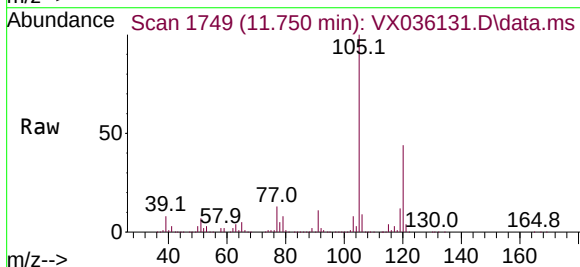
Acq: 13 Jun 2023 08:58

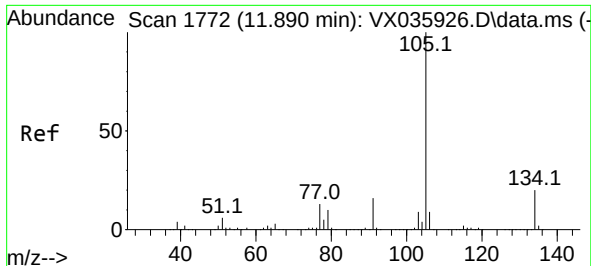
Tgt Ion:105 Resp: 484095

Ion Ratio Lower Upper

105 100

120 43.4 21.6 64.8

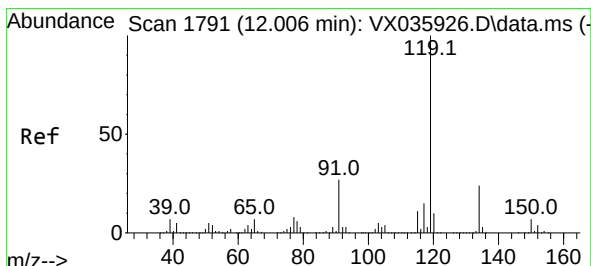
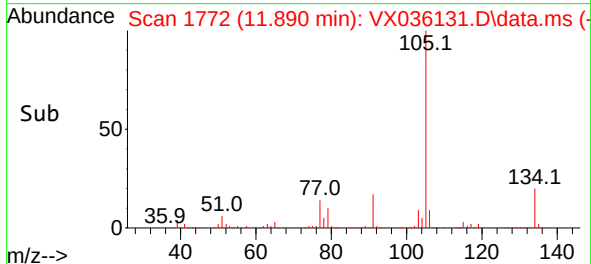
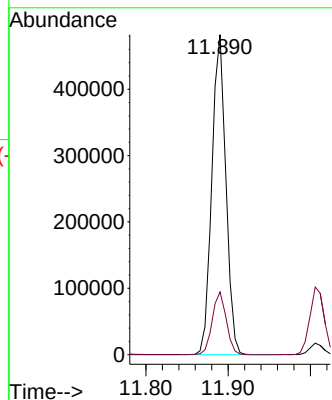
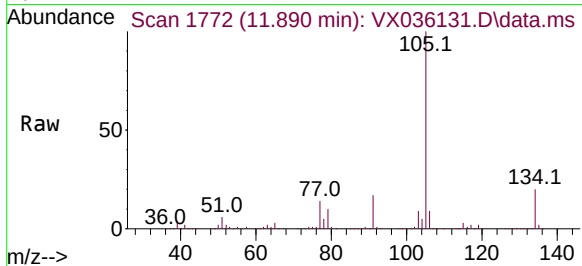




#85
 sec-Butylbenzene
 Concen: 55.181 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX036131.D
 Acq: 13 Jun 2023 08:58

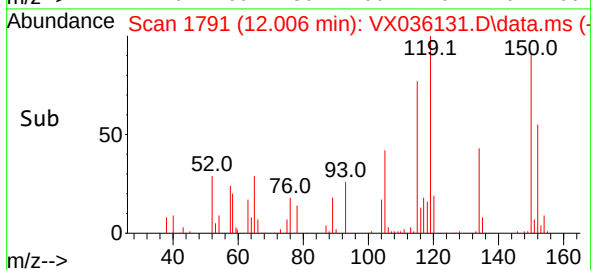
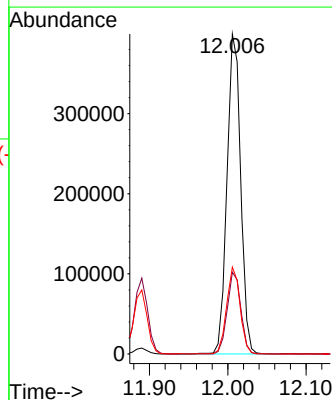
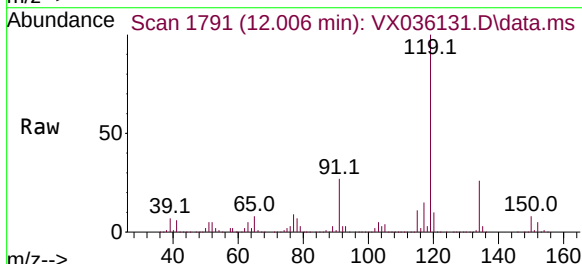
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

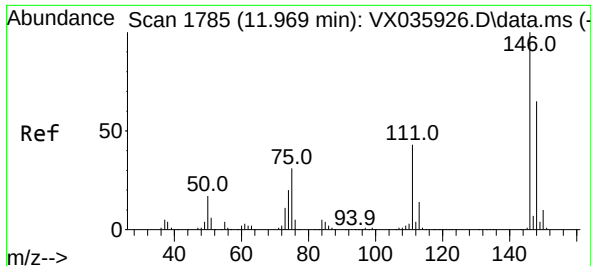
Tgt Ion:105 Resp: 571422
 Ion Ratio Lower Upper
 105 100
 134 19.6 9.7 28.9



#86
 p-Isopropyltoluene
 Concen: 54.761 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.006 min
 Lab File: VX036131.D
 Acq: 13 Jun 2023 08:58

Tgt Ion:119 Resp: 484826
 Ion Ratio Lower Upper
 119 100
 134 25.5 12.7 38.1
 91 26.6 13.5 40.5





#87

1,3-Dichlorobenzene

Concen: 49.396 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX036131.D

Acq: 13 Jun 2023 08:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

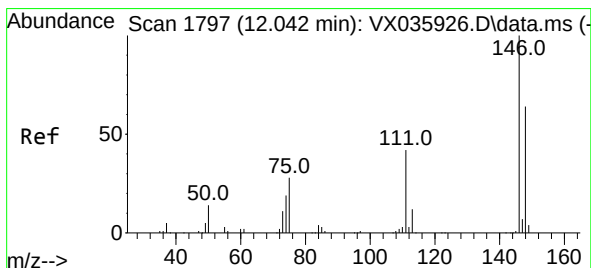
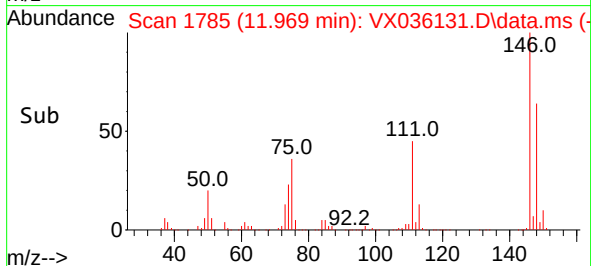
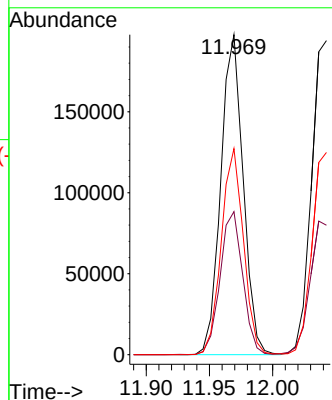
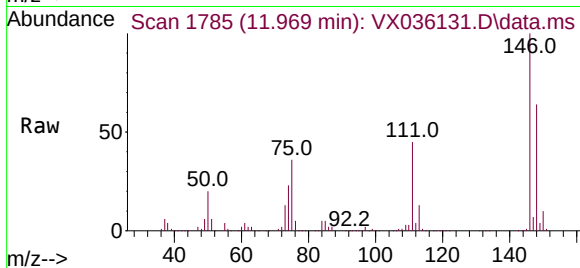
Tgt Ion:146 Resp: 242532

Ion Ratio Lower Upper

146 100

111 45.3 22.6 67.7

148 63.7 31.9 95.7



#88

1,4-Dichlorobenzene

Concen: 47.461 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX036131.D

Acq: 13 Jun 2023 08:58

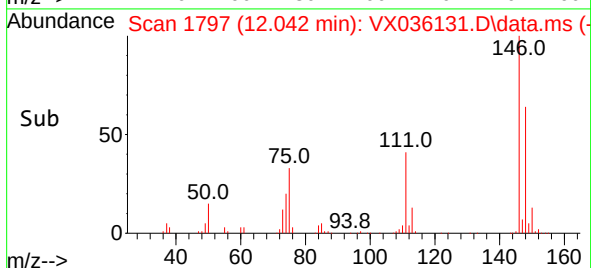
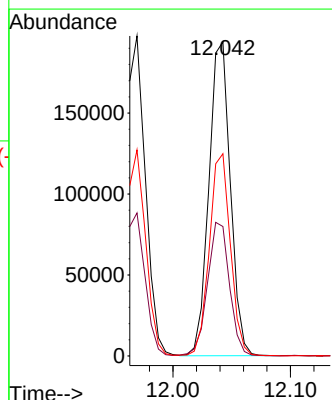
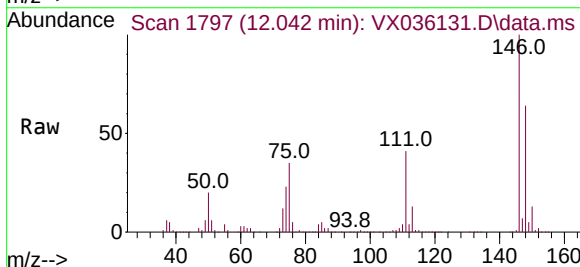
Tgt Ion:146 Resp: 245484

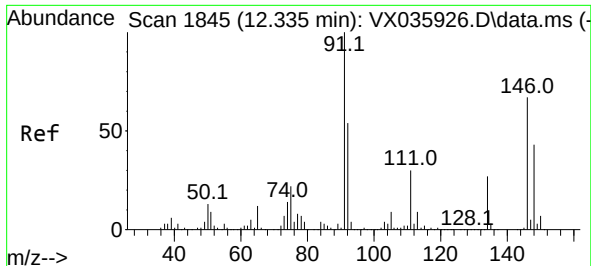
Ion Ratio Lower Upper

146 100

111 43.5 21.8 65.3

148 63.5 31.9 95.7





#89

n-Butylbenzene

Concen: 57.633 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. -0.006 min

Lab File: VX036131.D

Acq: 13 Jun 2023 08:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

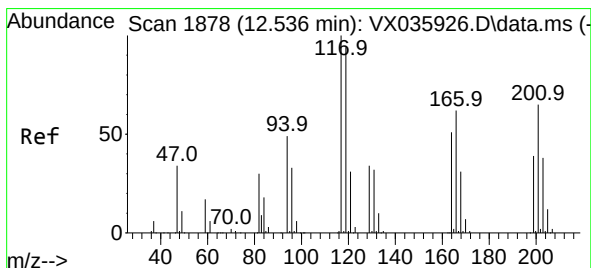
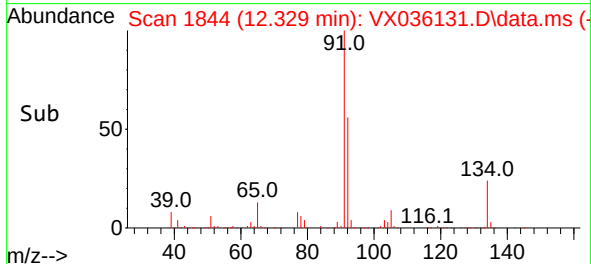
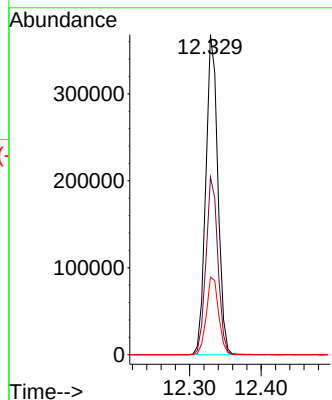
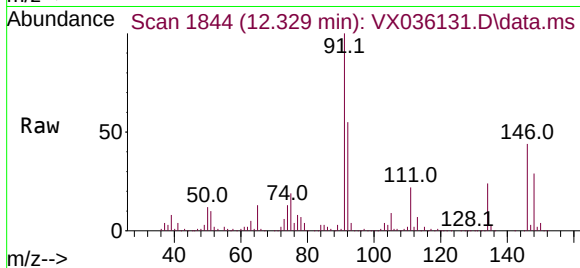
Tgt Ion: 91 Resp: 431074

Ion Ratio Lower Upper

91 100

92 54.9 27.3 81.8

134 24.6 12.4 37.0



#90

Hexachloroethane

Concen: 55.281 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX036131.D

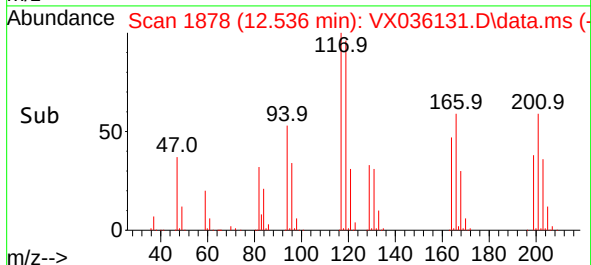
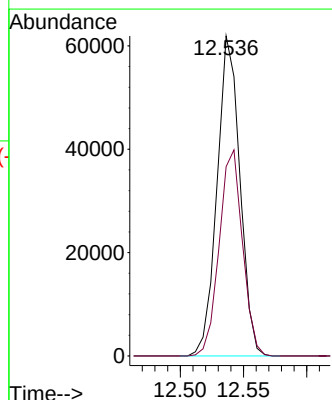
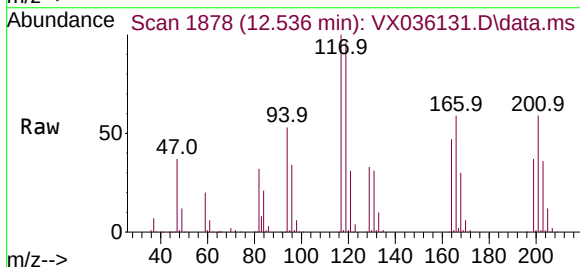
Acq: 13 Jun 2023 08:58

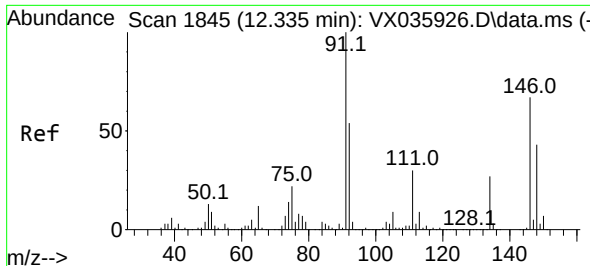
Tgt Ion: 117 Resp: 77611

Ion Ratio Lower Upper

117 100

201 65.7 32.7 98.1

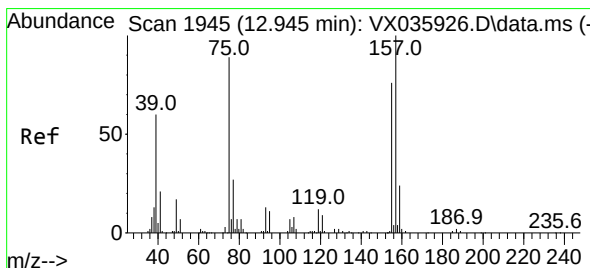
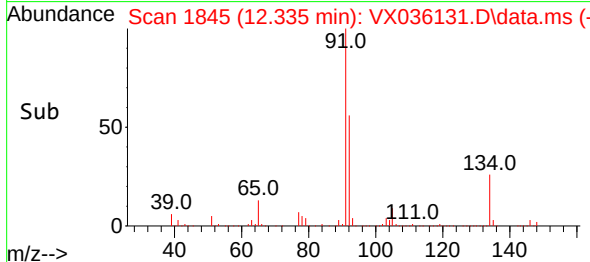
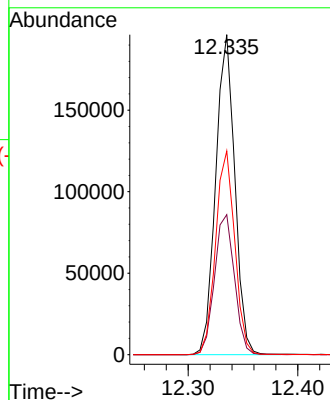
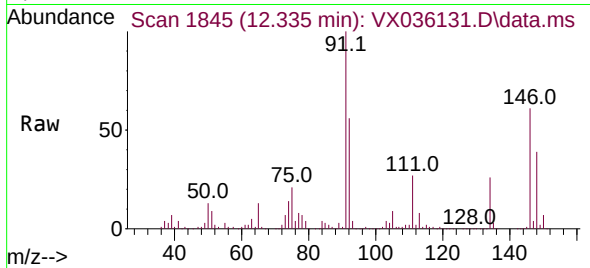




#91
1,2-Dichlorobenzene
Concen: 48.699 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX036131.D
Acq: 13 Jun 2023 08:58

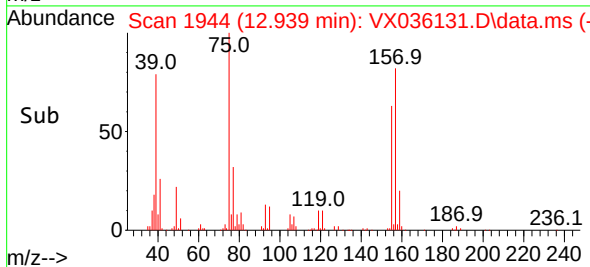
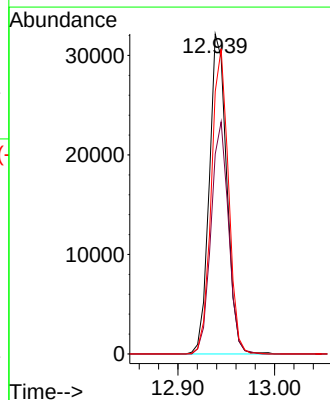
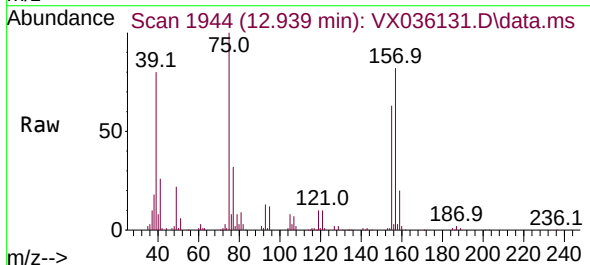
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

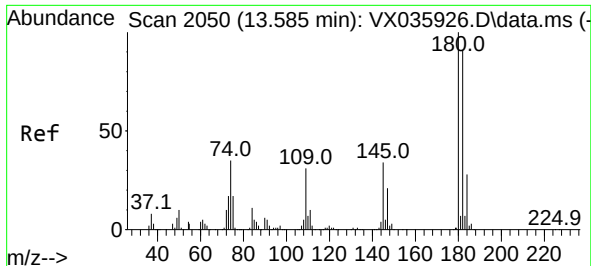
Tgt Ion:146 Resp: 238024
Ion Ratio Lower Upper
146 100
111 45.8 23.3 69.9
148 64.0 31.9 95.7



#92
1,2-Dibromo-3-Chloropropane
Concen: 52.843 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.005 min
Lab File: VX036131.D
Acq: 13 Jun 2023 08:58

Tgt Ion: 75 Resp: 40433
Ion Ratio Lower Upper
75 100
155 72.2 35.3 105.7
157 93.1 45.6 136.8

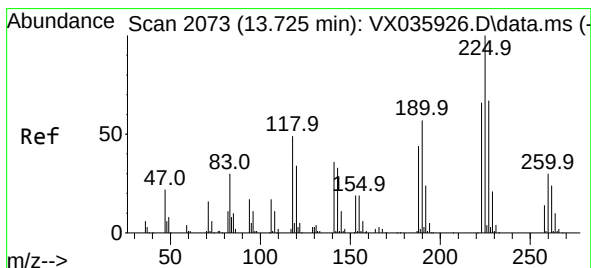
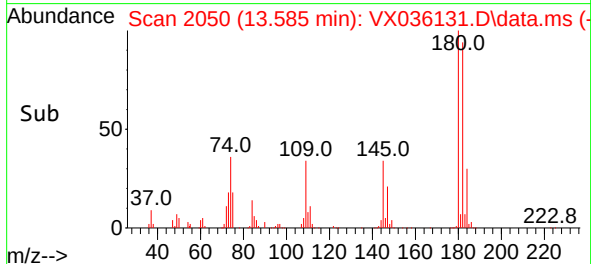
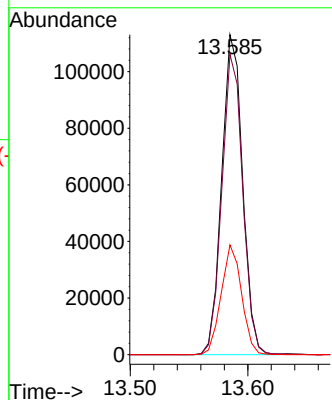
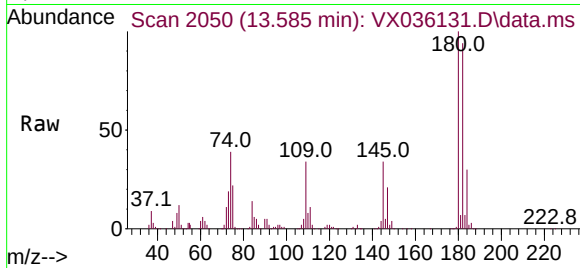




#93
1,2,4-Trichlorobenzene
Concen: 49.114 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. -0.000 min
Lab File: VX036131.D
Acq: 13 Jun 2023 08:58

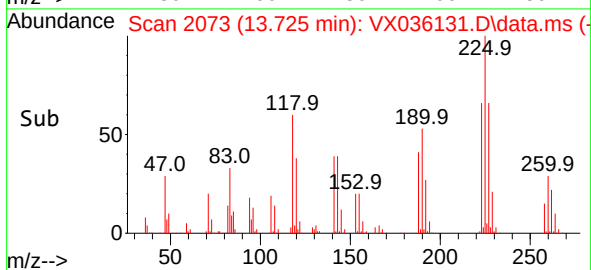
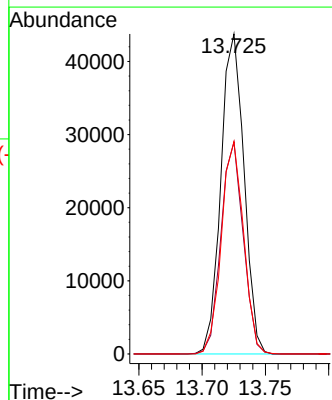
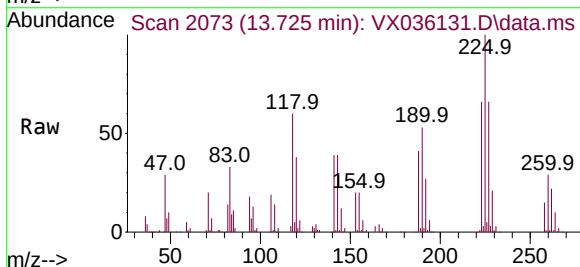
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

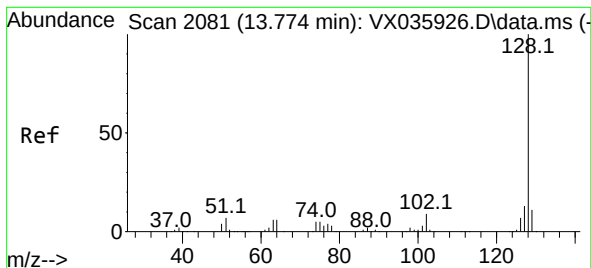
Tgt Ion:180 Resp: 139697
Ion Ratio Lower Upper
180 100
182 93.9 47.3 141.8
145 33.6 17.3 51.9



#94
Hexachlorobutadiene
Concen: 51.350 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX036131.D
Acq: 13 Jun 2023 08:58

Tgt Ion:225 Resp: 55561
Ion Ratio Lower Upper
225 100
223 63.8 32.6 97.7
227 63.8 31.9 95.7





#95

Naphthalene

Concen: 49.424 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX036131.D

Acq: 13 Jun 2023 08:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

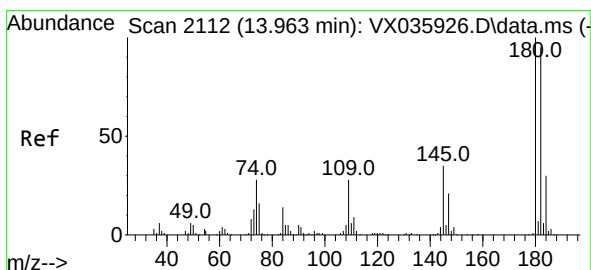
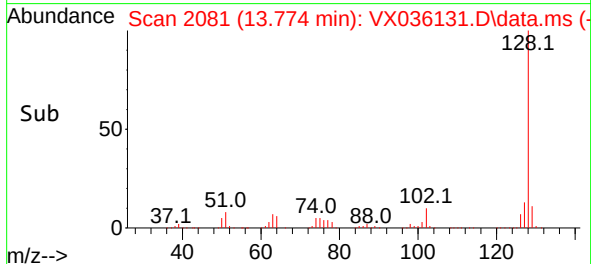
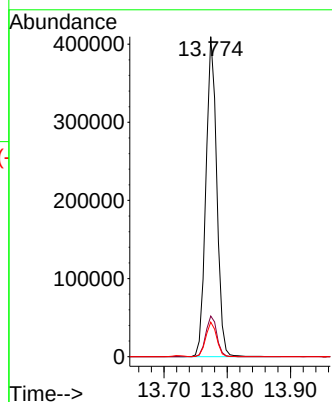
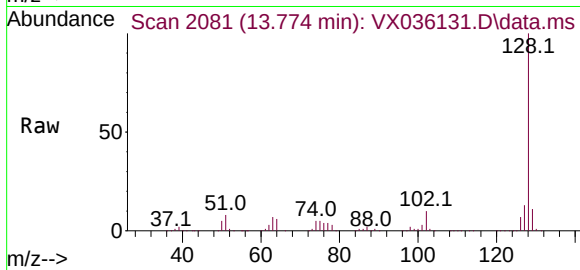
Tgt Ion:128 Resp: 489288

Ion Ratio Lower Upper

128 100

127 13.0 10.3 15.5

129 10.8 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 48.896 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. -0.000 min

Lab File: VX036131.D

Acq: 13 Jun 2023 08:58

Tgt Ion:180 Resp: 137189

Ion Ratio Lower Upper

180 100

182 95.5 46.9 140.7

145 37.1 18.1 54.3

