

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121823\
 Data File : VX039340.D
 Acq On : 19 Dec 2023 02:34
 Operator : JC/MD
 Sample : VSTDCCC050EC
 Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 19 04:23:43 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML120523WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Dec 18 22:55:37 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	209938	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	198237	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.018	152	100004	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	69111	41.971	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	83.940%
7) Chloroethane-d5	1.666	69	53412	43.884	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.760%
11) 1,1-Dichloroethene-d2	2.307	65	34834	48.192	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.380%
21) 2-Butanone-d5	4.453	46	161493	108.346	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	108.350%
24) Chloroform-d	5.062	84	151040	51.816	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.640%
26) 1,2-Dichloroethane-d4	5.958	65	101185	53.599	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.200%
32) Benzene-d6	5.977	84	296631	48.485	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.980%
36) 1,2-Dichloropropane-d6	7.306	67	95950	48.733	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.460%
41) Toluene-d8	8.647	98	270735	48.831	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.660%
43) trans-1,3-Dichloroprop...	8.946	79	44972	44.885	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.760%
47) 2-Hexanone-d5	9.385	63	117976	100.324	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	100.320%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	141599	50.697	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.400%
66) 1,2-Dichlorobenzene-d4	12.317	152	92001	48.671	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.340%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	90604	54.117	ug/L	97
3) Chloromethane	1.295	50	92561	52.894	ug/L	98
5) Vinyl chloride	1.374	62	87835	50.928	ug/L	100
6) Bromomethane	1.606	94	50981	54.764	ug/L	98
8) Chloroethane	1.685	64	49414	50.679	ug/L	98
9) Trichlorofluoromethane	1.886	101	123870	55.417	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	79367	55.200	ug/L	98
12) 1,1-Dichloroethene	2.319	96	75113	55.539	ug/L	96
13) Acetone	2.374	43	116169	81.128	ug/L	96
14) Carbon disulfide	2.514	76	212942	49.479	ug/L	100
15) Methyl Acetate	2.697	43	119701	58.485	ug/L	97
16) Methylene chloride	2.788	84	86231	55.494	ug/L	95
17) trans-1,2-Dichloroethene	3.093	96	75924	53.281	ug/L	93
18) Methyl tert-butyl Ether	3.111	73	277123	55.870	ug/L	98
19) 1,1-Dichloroethane	3.611	63	156623	55.587	ug/L	100
20) cis-1,2-Dichloroethene	4.489	96	89740	54.295	ug/L	94
22) 2-Butanone	4.550	43	176635	100.514	ug/L	99
23) Bromochloromethane	4.898	128	41951	53.994	ug/L	95
25) Chloroform	5.093	83	160941	57.267	ug/L	98

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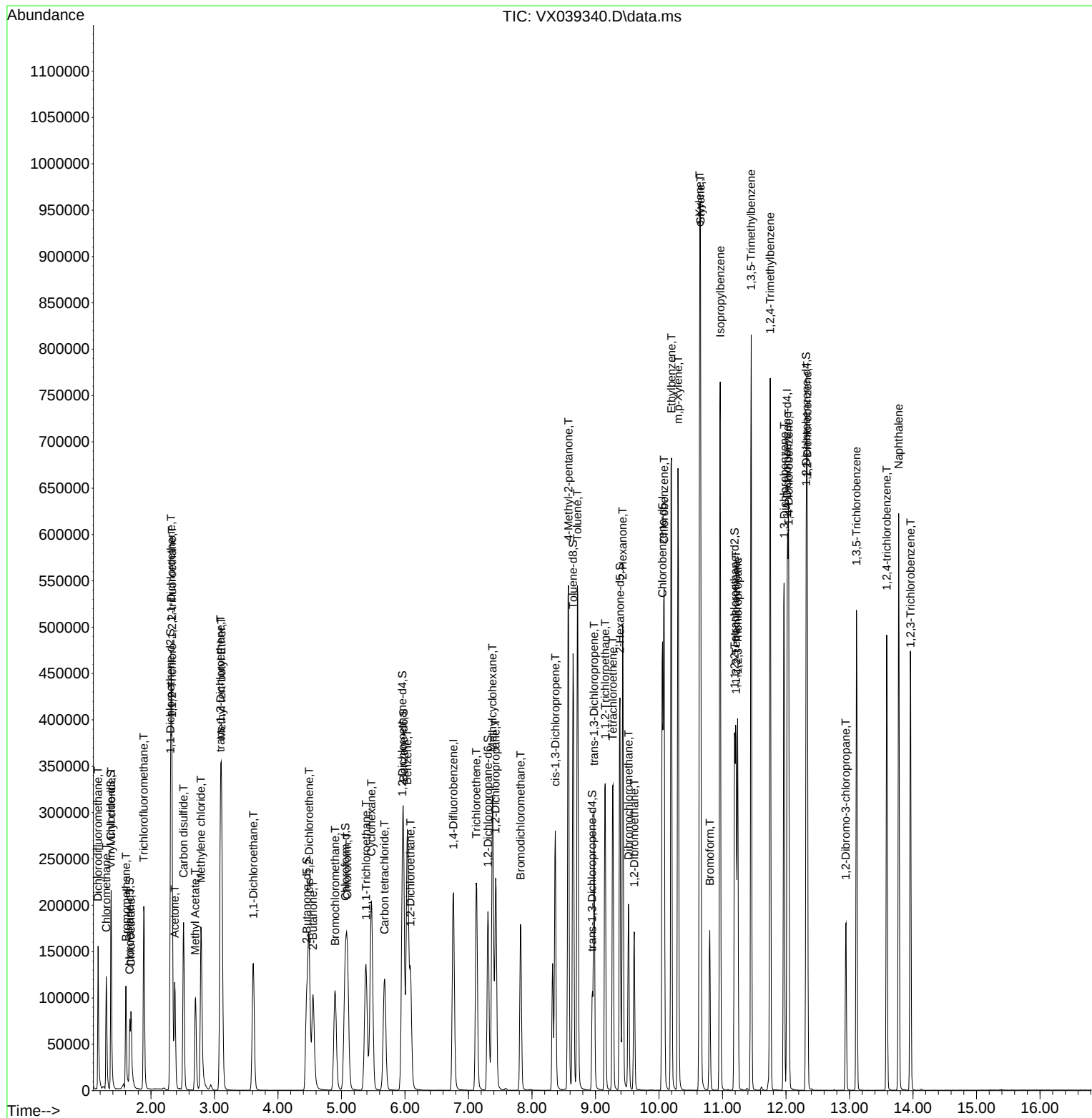
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.086	62	133852	60.345	ug/L	95
29) Cyclohexane	5.471	56	143855	51.875	ug/L	97
30) 1,1,1-Trichloroethane	5.385	97	131782	54.789	ug/L	97
31) Carbon tetrachloride	5.678	117	105690	52.667	ug/L	99
33) Benzene	6.038	78	322523	51.196	ug/L	100
34) Trichloroethene	7.123	95	89766	53.917	ug/L	95
35) Methylcyclohexane	7.379	83	138449	49.931	ug/L	97
37) 1,2-Dichloropropane	7.428	63	91597	52.426	ug/L	99
38) Bromodichloromethane	7.818	83	114364	53.816	ug/L	97
39) cis-1,3-Dichloropropene	8.367	75	140191	50.309	ug/L	99
40) 4-Methyl-2-pentanone	8.574	43	329732	112.605	ug/L	98
42) Toluene	8.714	91	352057	52.699	ug/L	100
44) trans-1,3-Dichloropropene	8.976	75	130793	50.578	ug/L	99
45) 1,1,2-Trichloroethane	9.153	97	86513	54.032	ug/L	96
46) Tetrachloroethene	9.275	164	56978	51.880	ug/L	99
48) 2-Hexanone	9.427	43	264442	107.900	ug/L	98
49) Dibromochloromethane	9.519	129	81473	52.231	ug/L	98
50) 1,2-Dibromoethane	9.610	107	92885	54.149	ug/L	99
51) Chlorobenzene	10.080	112	217523	52.714	ug/L	96
52) Ethylbenzene	10.195	91	399724	53.522	ug/L	98
53) m,p-Xylene	10.299	106	144677	51.812	ug/L	97
54) o-Xylene	10.640	106	140479	52.429	ug/L	95
55) Styrene	10.653	104	243019	53.008	ug/L	94
57) 1,1,2,2-Tetrachloroethane	11.214	83	150438	53.837	ug/L	99
59) Bromoform	10.799	173	55542	47.257	ug/L	100
60) Isopropylbenzene	10.964	105	385440	52.747	ug/L	99
61) 1,2,3-Trichloropropane	11.238	75	119911	54.737	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	326732	52.962	ug/L	99
63) 1,2,4-Trimethylbenzene	11.750	105	321533	53.152	ug/L	98
64) 1,3-Dichlorobenzene	11.970	146	162060	51.814	ug/L	99
65) 1,4-Dichlorobenzene	12.043	146	163721	51.657	ug/L	99
67) 1,2-Dichlorobenzene	12.335	146	157360	52.595	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.939	75	37395	54.695	ug/L	94
69) 1,3,5-Trichlorobenzene	13.110	180	106584	51.529	ug/L	99
70) 1,2,4-trichlorobenzene	13.585	180	98027	50.272	ug/L	99
71) Naphthalene	13.774	128	345331	51.639	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	95975	50.832	ug/L	99

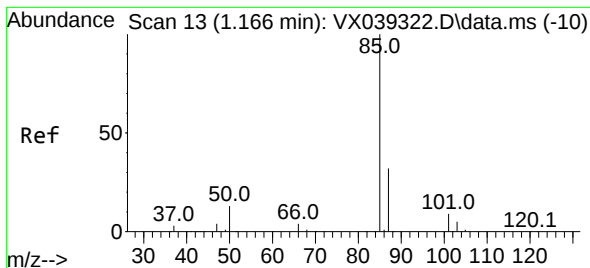
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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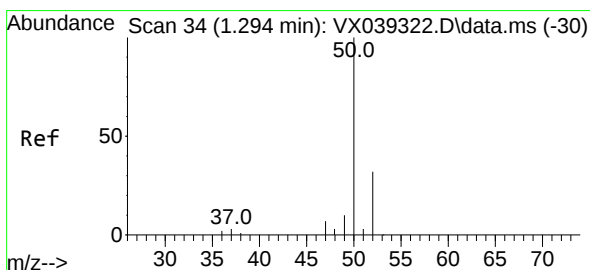
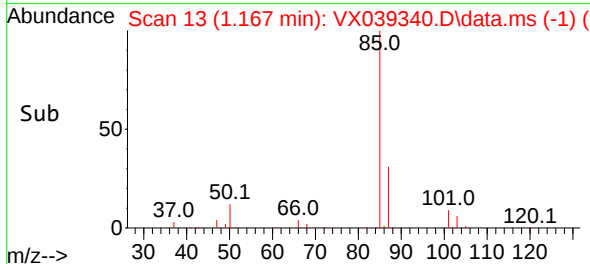
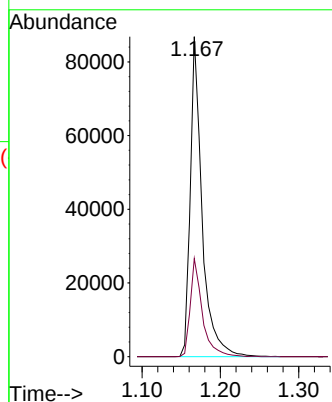
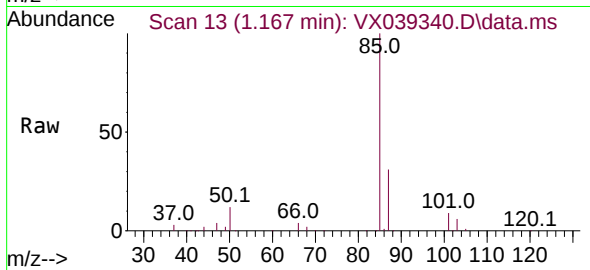




#2
 Dichlorodifluoromethane
 Concen: 54.117 ug/L
 RT: 1.167 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX039340.D
 Acq: 19 Dec 2023 02:34

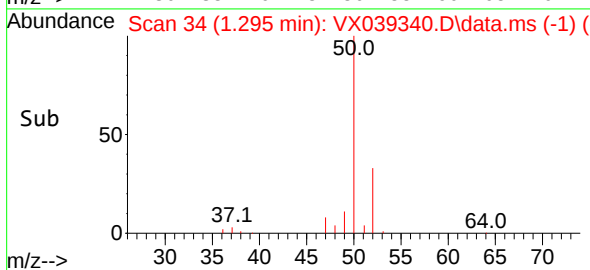
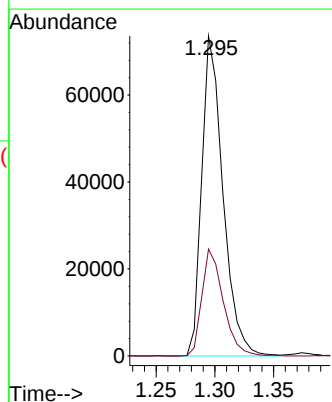
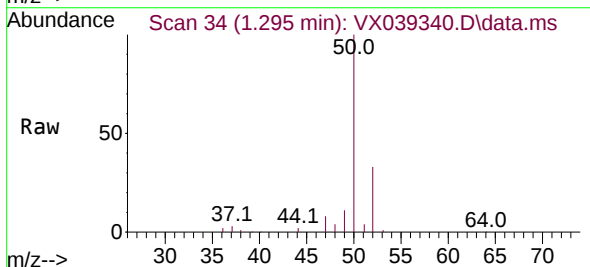
Instrument :
 MSVOA_X
 ClientSampleId :

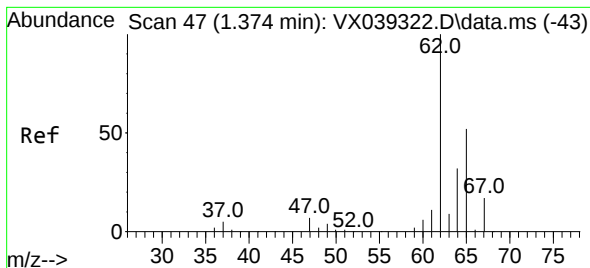
Tgt Ion: 85 Resp: 90604
 Ion Ratio Lower Upper
 85 100
 87 31.2 26.2 39.4



#3
 Chloromethane
 Concen: 52.894 ug/L
 RT: 1.295 min Scan# 34
 Delta R.T. 0.000 min
 Lab File: VX039340.D
 Acq: 19 Dec 2023 02:34

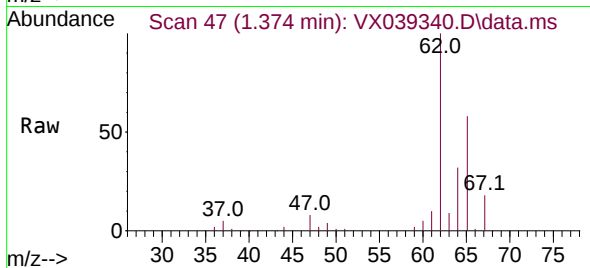
Tgt Ion: 50 Resp: 92561
 Ion Ratio Lower Upper
 50 100
 52 33.4 22.4 41.6



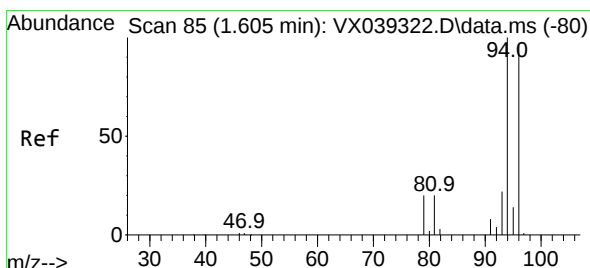
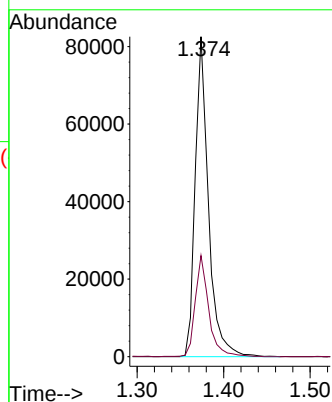
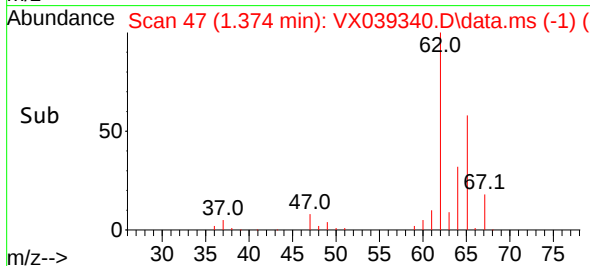


#5
 Vinyl chloride
 Concen: 50.928 ug/L
 RT: 1.374 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX039340.D
 Acq: 19 Dec 2023 02:34

Instrument :
 MSVOA_X
 ClientSampleId :

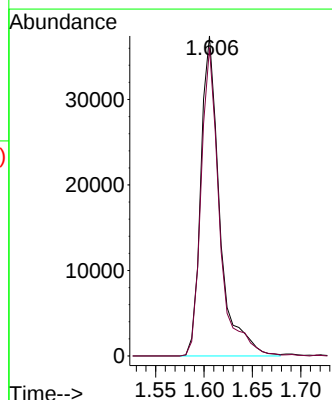
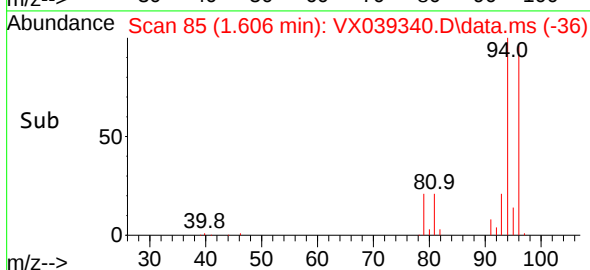
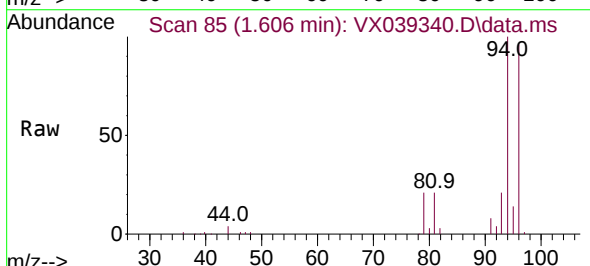


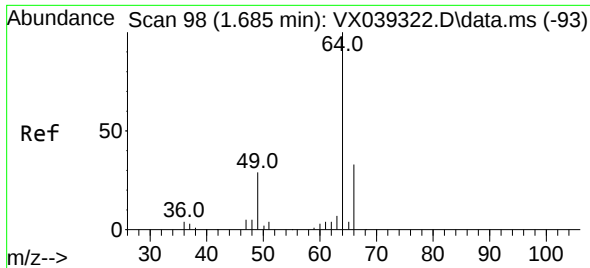
Tgt Ion: 62 Resp: 87835
 Ion Ratio Lower Upper
 62 100
 64 31.6 22.3 41.3



#6
 Bromomethane
 Concen: 54.764 ug/L
 RT: 1.606 min Scan# 85
 Delta R.T. 0.000 min
 Lab File: VX039340.D
 Acq: 19 Dec 2023 02:34

Tgt Ion: 94 Resp: 50981
 Ion Ratio Lower Upper
 94 100
 96 96.4 65.8 122.2

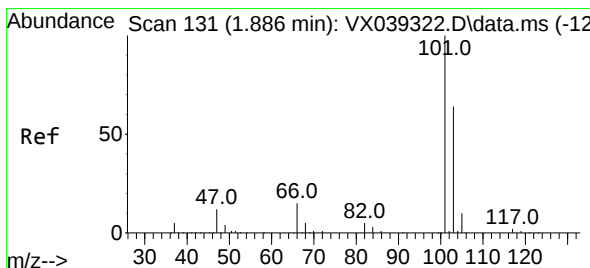
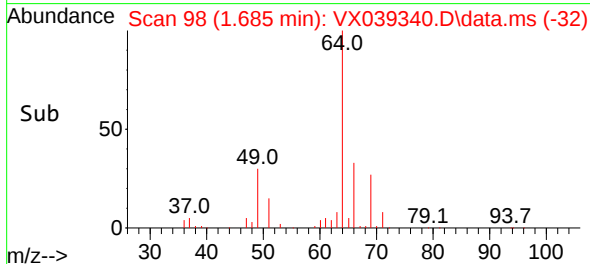
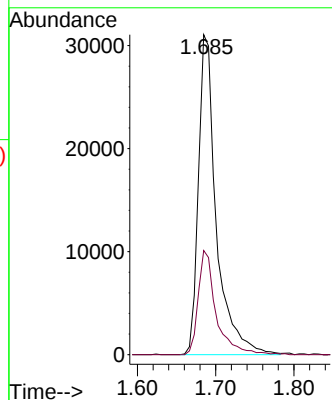
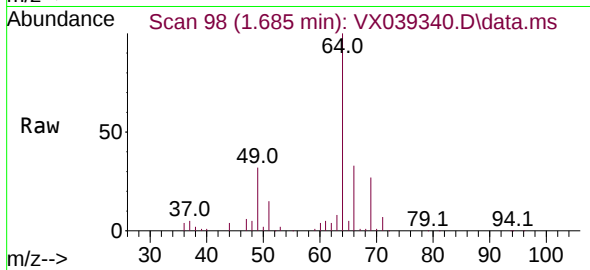




#8
Chloroethane
Concen: 50.679 ug/L
RT: 1.685 min Scan# 98
Delta R.T. 0.000 min
Lab File: VX039340.D
Acq: 19 Dec 2023 02:34

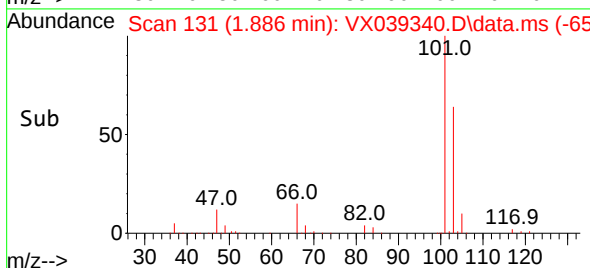
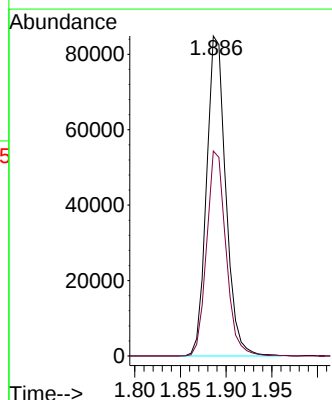
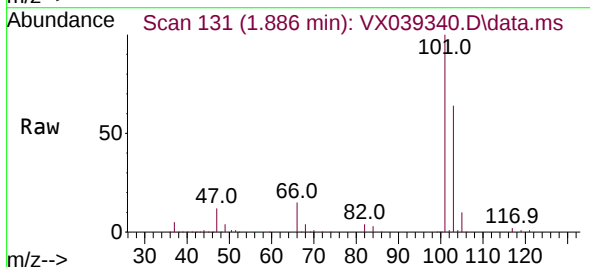
Instrument :
MSVOA_X
ClientSampleId :

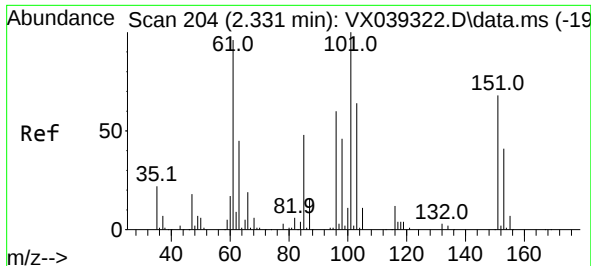
Tgt Ion: 64 Resp: 49414
Ion Ratio Lower Upper
64 100
66 32.6 23.4 43.6



#9
Trichlorofluoromethane
Concen: 55.417 ug/L
RT: 1.886 min Scan# 131
Delta R.T. 0.000 min
Lab File: VX039340.D
Acq: 19 Dec 2023 02:34

Tgt Ion:101 Resp: 123870
Ion Ratio Lower Upper
101 100
103 64.1 51.4 77.2

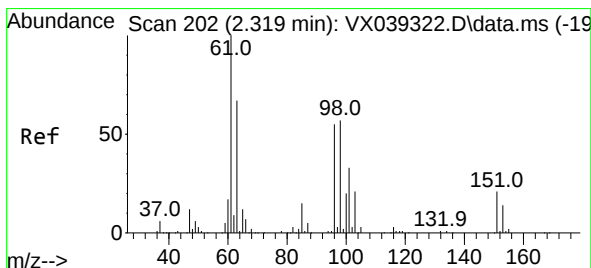
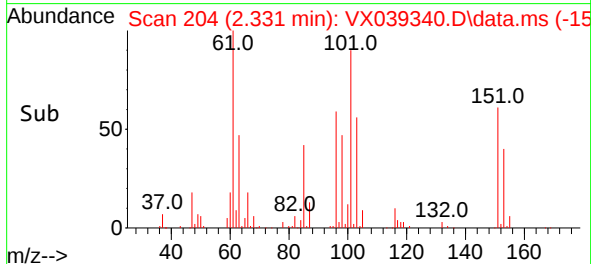
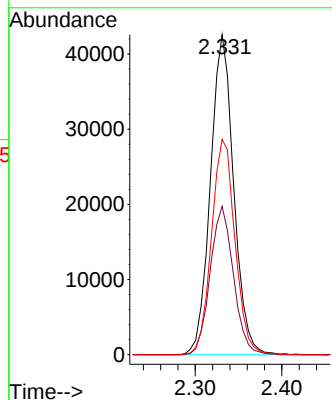
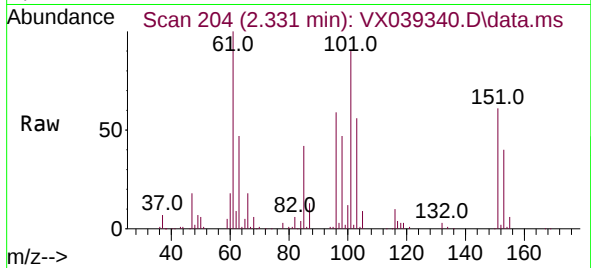




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 55.200 ug/L
 RT: 2.331 min Scan# 204
 Delta R.T. 0.000 min
 Lab File: VX039340.D
 Acq: 19 Dec 2023 02:34

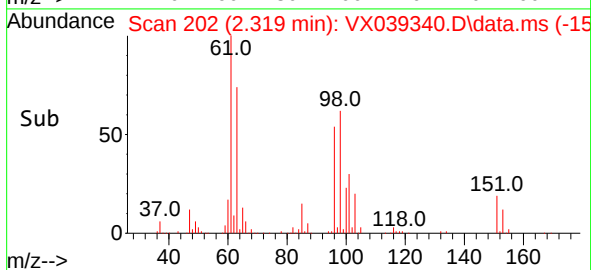
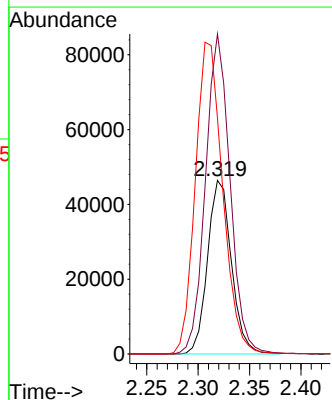
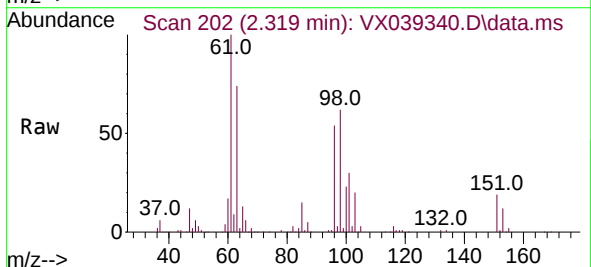
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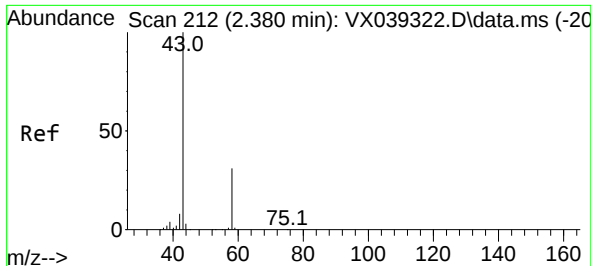
Tgt Ion:101 Resp: 79367
 Ion Ratio Lower Upper
 101 100
 85 46.3 35.8 53.6
 151 68.1 55.4 83.2



#12
 1,1-Dichloroethene
 Concen: 55.539 ug/L
 RT: 2.319 min Scan# 202
 Delta R.T. 0.000 min
 Lab File: VX039340.D
 Acq: 19 Dec 2023 02:34

Tgt Ion: 96 Resp: 75113
 Ion Ratio Lower Upper
 96 100
 61 184.4 128.0 237.6
 63 135.8 101.5 188.5





#13

Acetone

Concen: 81.128 ug/L

RT: 2.374 min Scan# 21

Delta R.T. -0.006 min

Lab File: VX039340.D

Acq: 19 Dec 2023 02:34

Instrument :

MSVOA_X

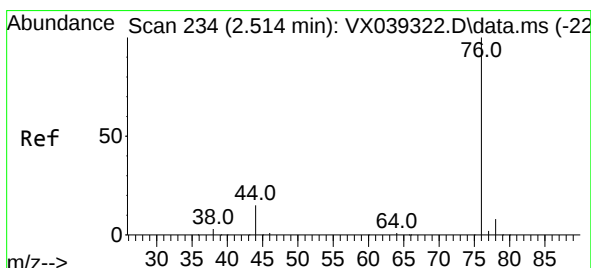
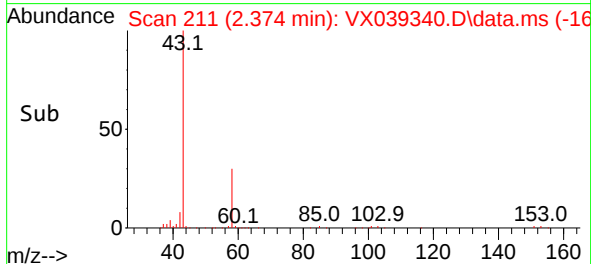
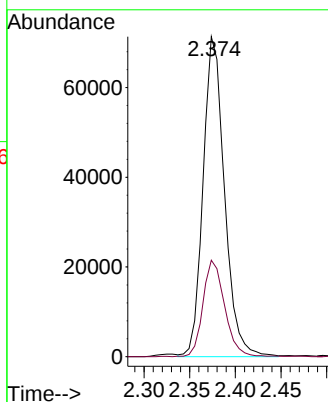
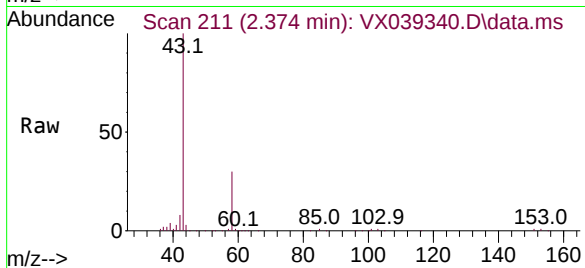
ClientSampleId :

Tgt Ion: 43 Resp: 116169

Ion Ratio Lower Upper

43 100

58 30.4 0.0 65.8



#14

Carbon disulfide

Concen: 49.479 ug/L

RT: 2.514 min Scan# 234

Delta R.T. 0.000 min

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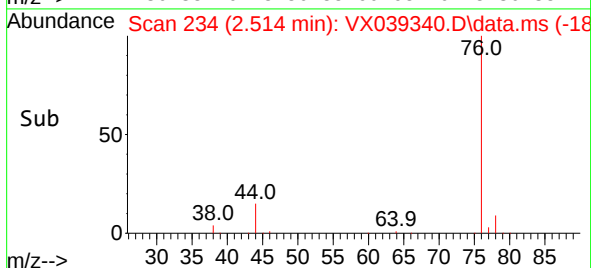
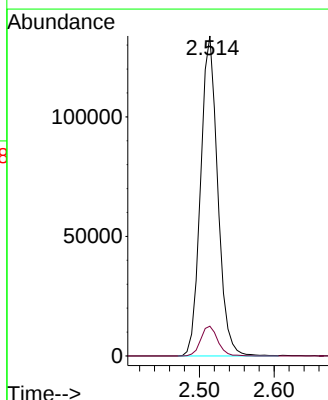
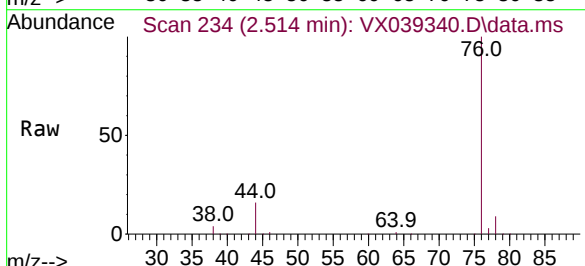
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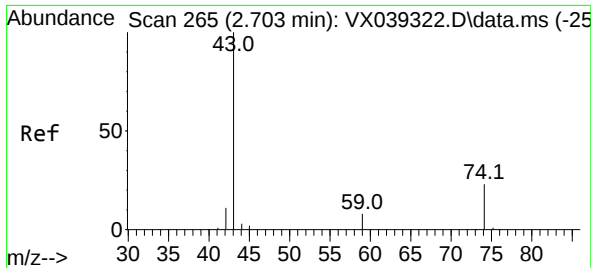
Tgt Ion: 76 Resp: 212942

Ion Ratio Lower Upper

76 100

78 9.3 7.4 11.2

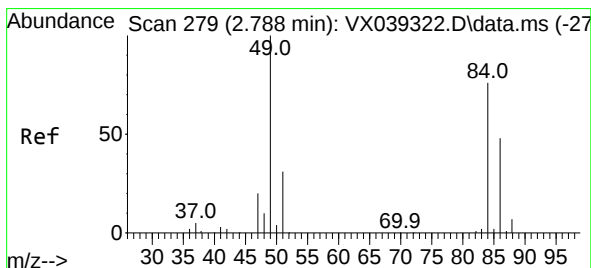
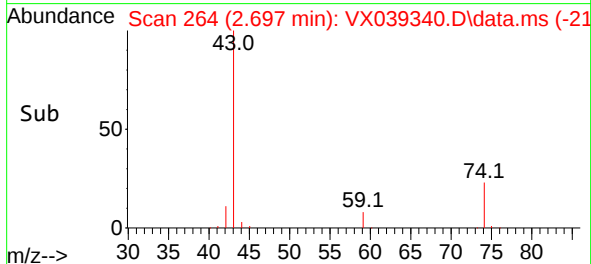
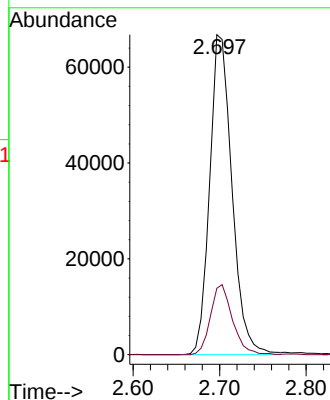
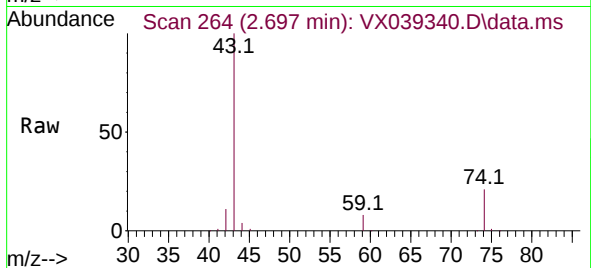




#15
Methyl Acetate
Concen: 58.485 ug/L
RT: 2.697 min Scan# 264
Delta R.T. -0.006 min
Lab File: VX039340.D
Acq: 19 Dec 2023 02:34

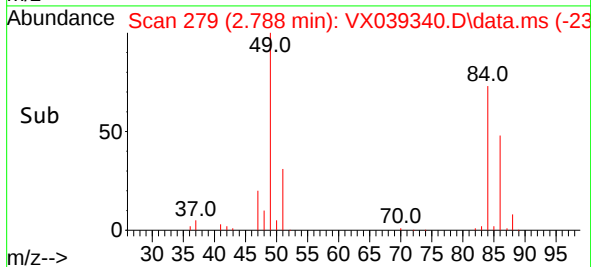
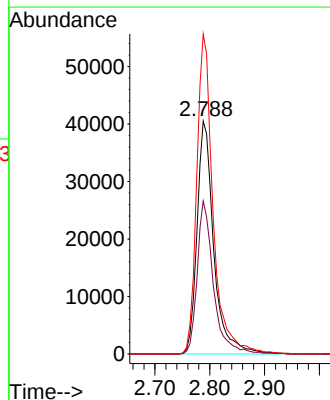
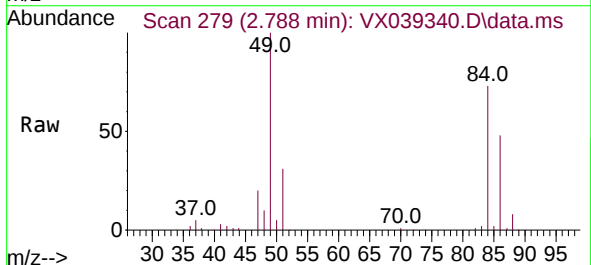
Instrument :
MSVOA_X
ClientSampleId :

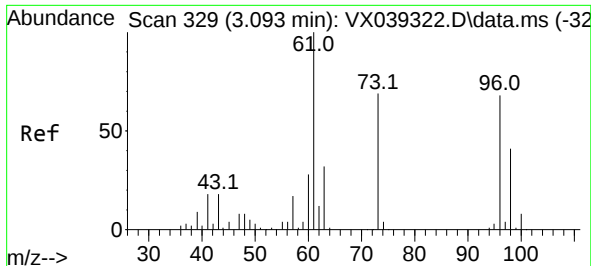
Tgt Ion: 43 Resp: 119701
Ion Ratio Lower Upper
43 100
74 21.4 18.2 27.4



#16
Methylene chloride
Concen: 55.494 ug/L
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX039340.D
Acq: 19 Dec 2023 02:34

Tgt Ion: 84 Resp: 86231
Ion Ratio Lower Upper
84 100
86 65.7 44.7 82.9
49 137.4 90.9 168.7

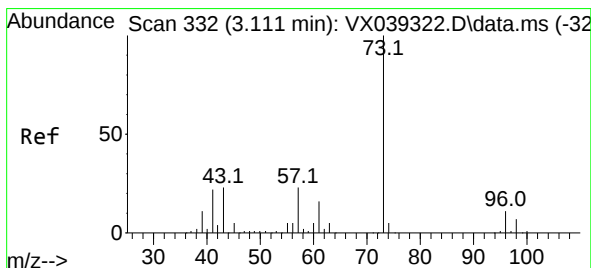
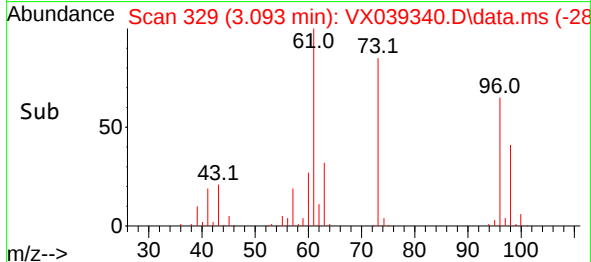
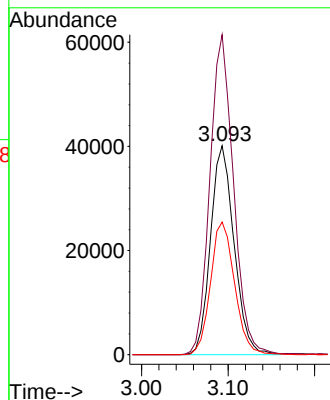
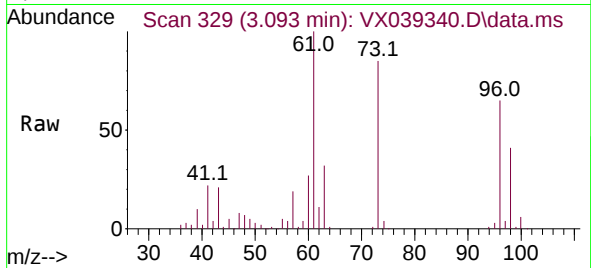




#17
trans-1,2-Dichloroethene
Concen: 53.281 ug/L
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX039340.D
Acq: 19 Dec 2023 02:34

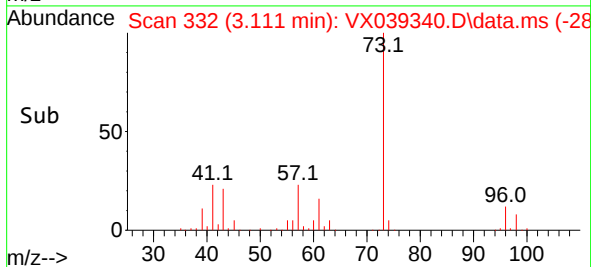
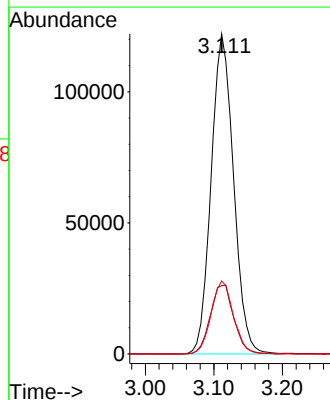
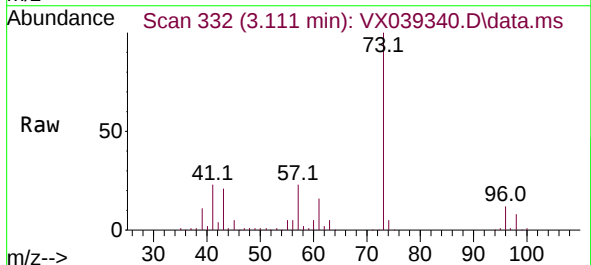
Instrument :
MSVOA_X
ClientSampleId :

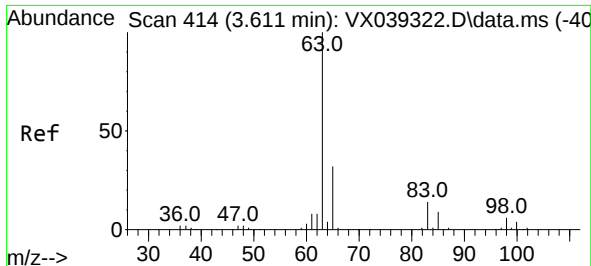
Tgt Ion: 96 Resp: 75924
Ion Ratio Lower Upper
96 100
61 153.2 99.8 185.3
98 63.5 42.6 79.2



#18
Methyl tert-butyl Ether
Concen: 55.870 ug/L
RT: 3.111 min Scan# 332
Delta R.T. 0.000 min
Lab File: VX039340.D
Acq: 19 Dec 2023 02:34

Tgt Ion: 73 Resp: 277123
Ion Ratio Lower Upper
73 100
43 22.6 16.9 25.3
57 22.6 18.5 27.7





#19

1,1-Dichloroethane

Concen: 55.587 ug/L

RT: 3.611 min Scan# 41

Delta R.T. 0.000 min

Lab File: VX039340.D

Acq: 19 Dec 2023 02:34

Instrument :

MSVOA_X

ClientSampleId :

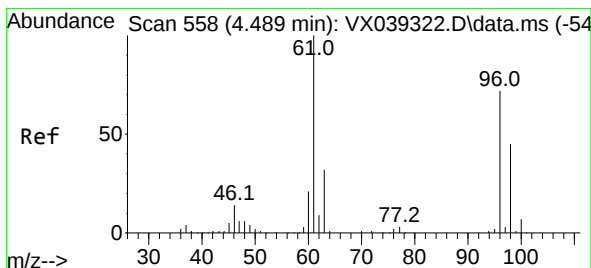
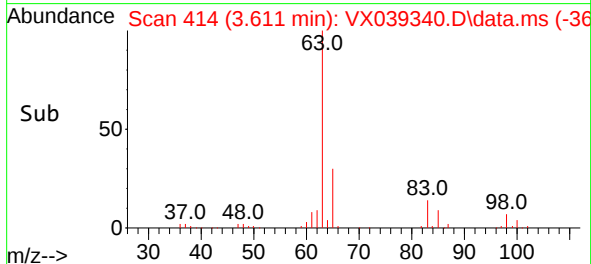
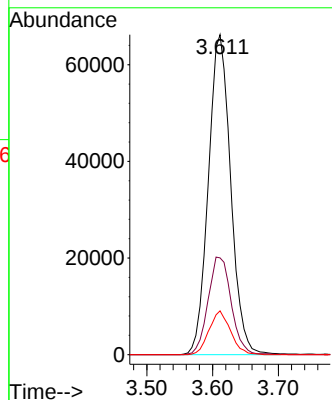
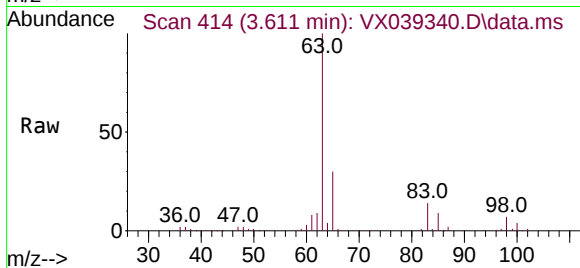
Tgt Ion: 63 Resp: 156623

Ion Ratio Lower Upper

63 100

65 30.3 21.1 39.3

83 13.7 9.7 17.9



#20

cis-1,2-Dichloroethene

Concen: 54.295 ug/L

RT: 4.489 min Scan# 558

Delta R.T. 0.000 min

Lab File: VX039340.D

Acq: 19 Dec 2023 02:34

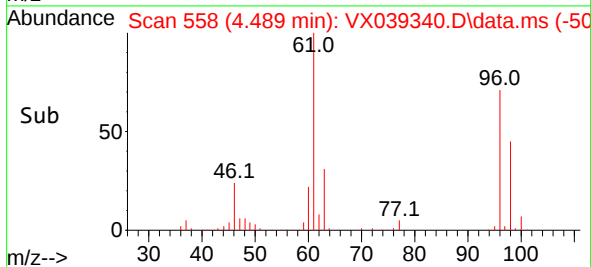
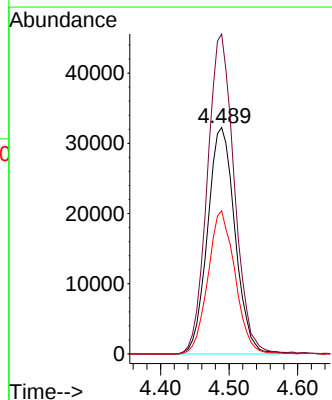
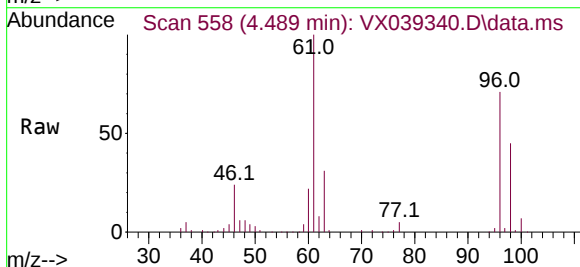
Tgt Ion: 96 Resp: 89740

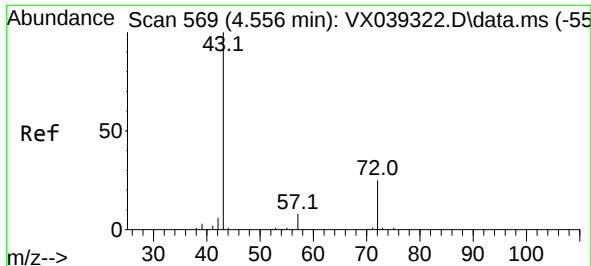
Ion Ratio Lower Upper

96 100

61 141.3 91.7 170.3

98 63.2 44.2 82.2

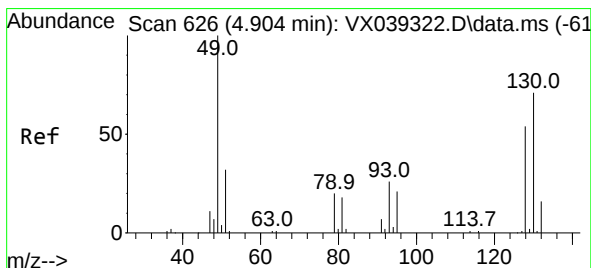
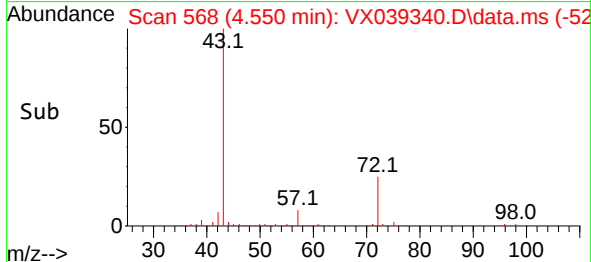
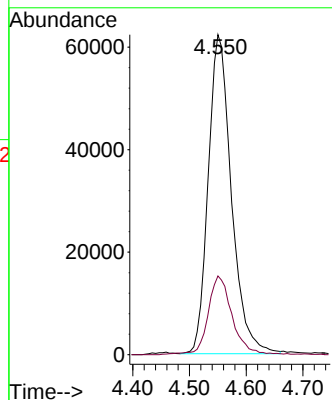
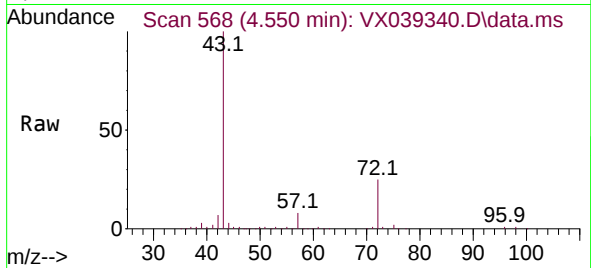




#22
2-Butanone
Concen: 100.514 ug/L
RT: 4.550 min Scan# 569
Delta R.T. -0.006 min
Lab File: VX039340.D
Acq: 19 Dec 2023 02:34

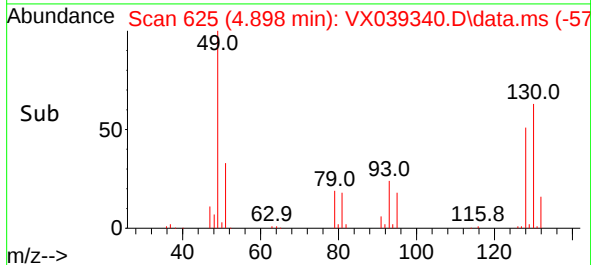
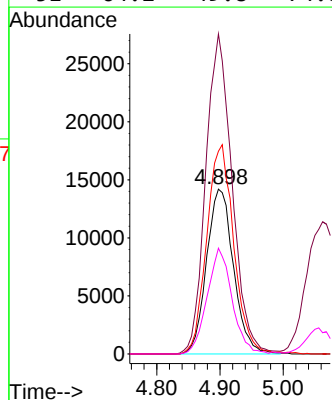
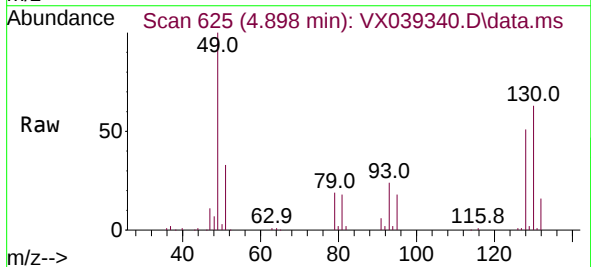
Instrument :
MSVOA_X
ClientSampleId :

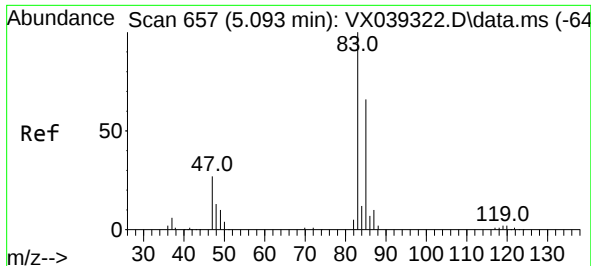
Tgt Ion: 43 Resp: 176635
Ion Ratio Lower Upper
43 100
72 25.6 12.6 37.6



#23
Bromochloromethane
Concen: 53.994 ug/L
RT: 4.898 min Scan# 625
Delta R.T. -0.006 min
Lab File: VX039340.D
Acq: 19 Dec 2023 02:34

Tgt Ion:128 Resp: 41951
Ion Ratio Lower Upper
128 100
49 194.3 130.8 243.0
130 123.1 90.6 168.3
51 64.2 49.8 74.8

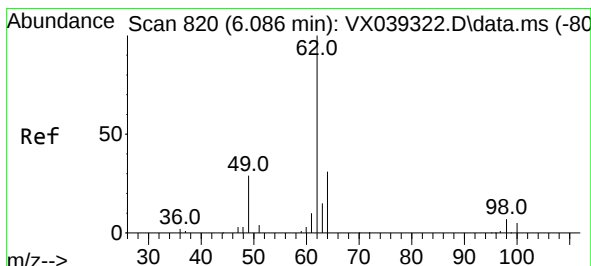
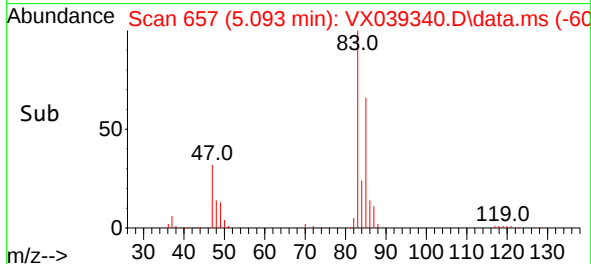
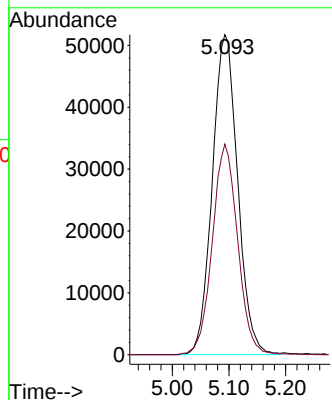
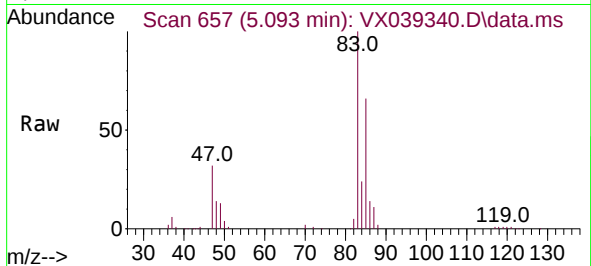




#25
Chloroform
Concen: 57.267 ug/L
RT: 5.093 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX039340.D
Acq: 19 Dec 2023 02:34

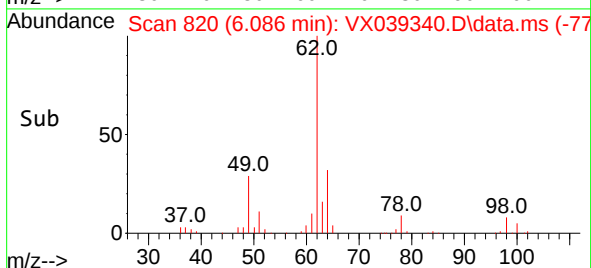
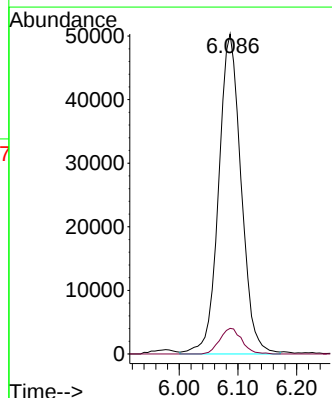
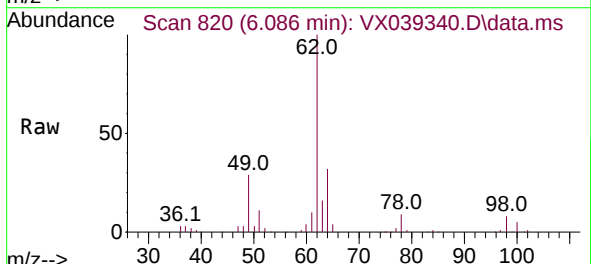
Instrument :
MSVOA_X
ClientSampleId :

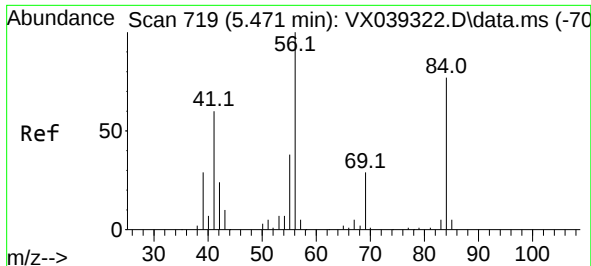
Tgt Ion: 83 Resp: 160941
Ion Ratio Lower Upper
83 100
85 65.8 45.1 83.7



#27
1,2-Dichloroethane
Concen: 60.345 ug/L
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX039340.D
Acq: 19 Dec 2023 02:34

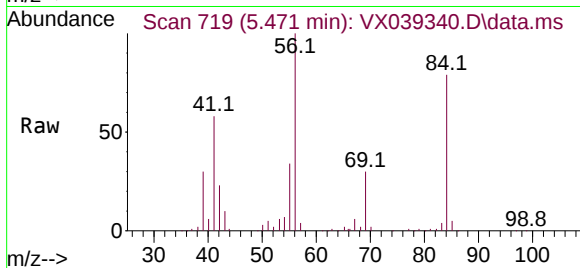
Tgt Ion: 62 Resp: 133852
Ion Ratio Lower Upper
62 100
98 8.0 8.0 12.0



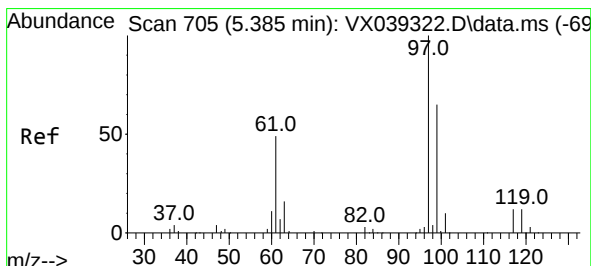
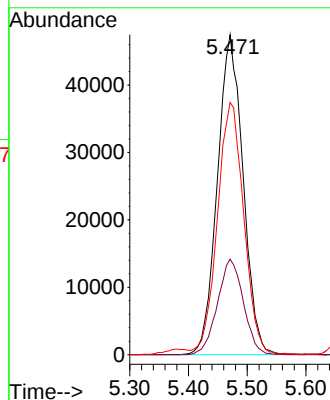
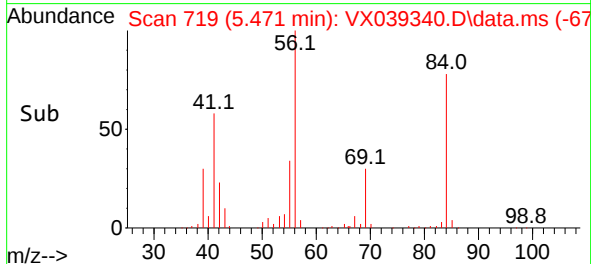


#29
Cyclohexane
Concen: 51.875 ug/L
RT: 5.471 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX039340.D
Acq: 19 Dec 2023 02:34

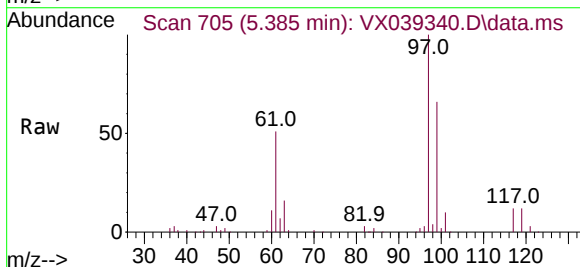
Instrument :
MSVOA_X
ClientSampleId :



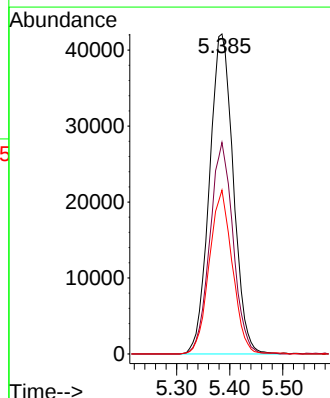
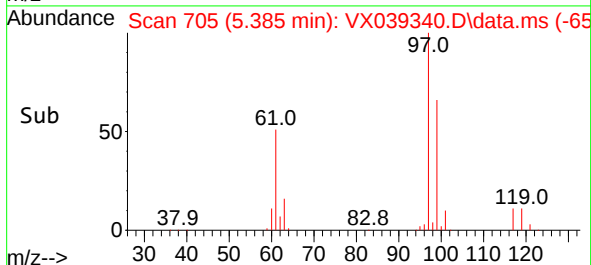
Tgt Ion: 56 Resp: 143855
Ion Ratio Lower Upper
56 100
69 30.1 24.5 36.7
84 80.5 67.0 100.4

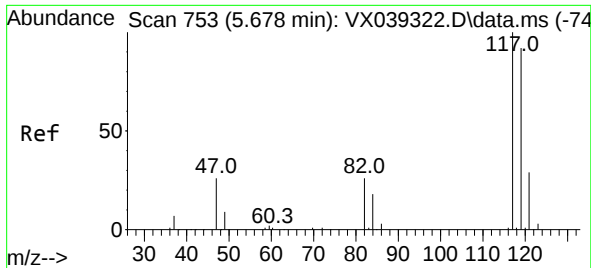


#30
1,1,1-Trichloroethane
Concen: 54.789 ug/L
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX039340.D
Acq: 19 Dec 2023 02:34



Tgt Ion: 97 Resp: 131782
Ion Ratio Lower Upper
97 100
99 64.2 51.0 76.4
61 49.4 36.7 55.1

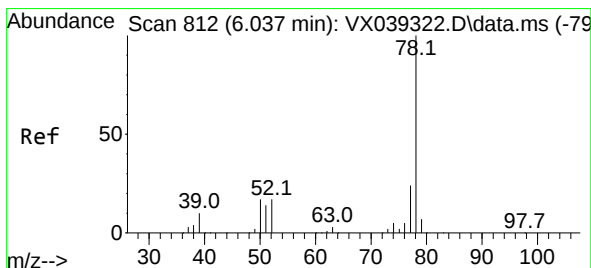
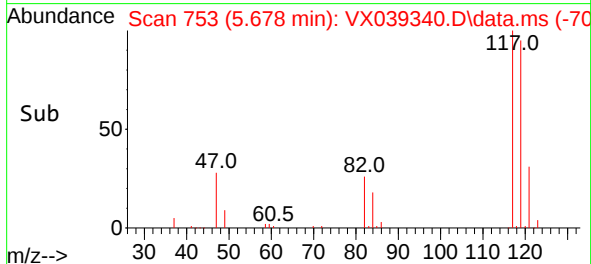
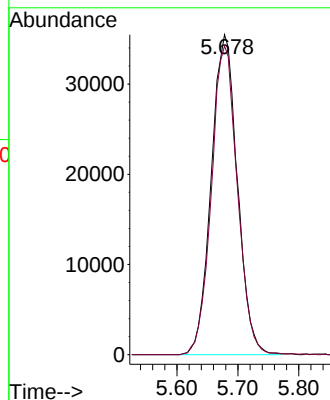
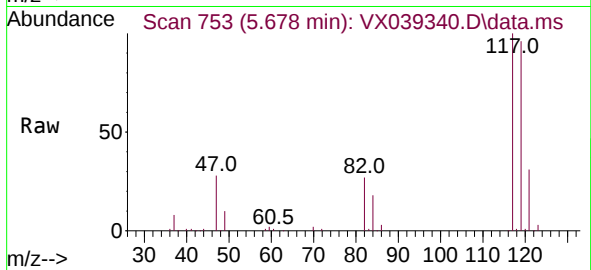




#31
Carbon tetrachloride
Concen: 52.667 ug/L
RT: 5.678 min Scan# 753
Delta R.T. 0.000 min
Lab File: VX039340.D
Acq: 19 Dec 2023 02:34

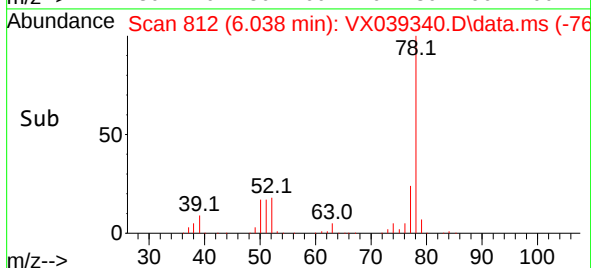
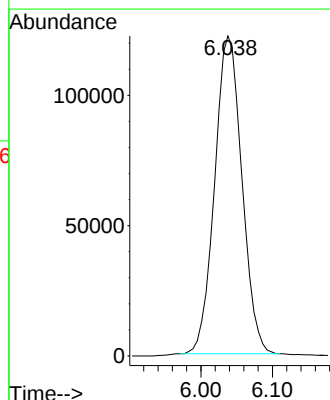
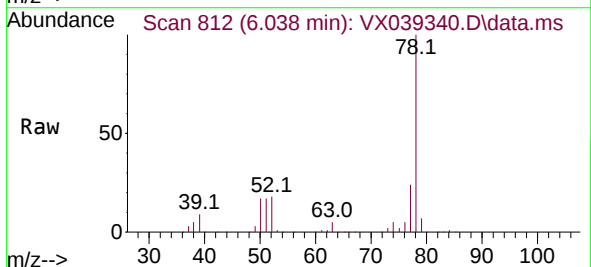
Instrument :
MSVOA_X
ClientSampleId :

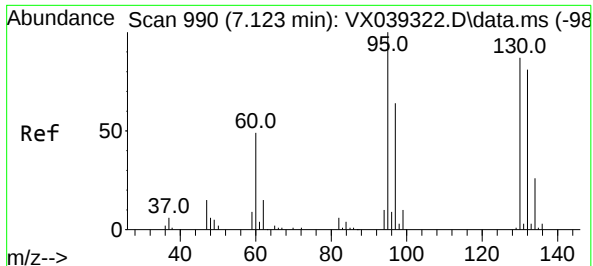
Tgt Ion:117 Resp: 105690
Ion Ratio Lower Upper
117 100
119 95.6 77.0 115.4



#33
Benzene
Concen: 51.196 ug/L
RT: 6.038 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX039340.D
Acq: 19 Dec 2023 02:34

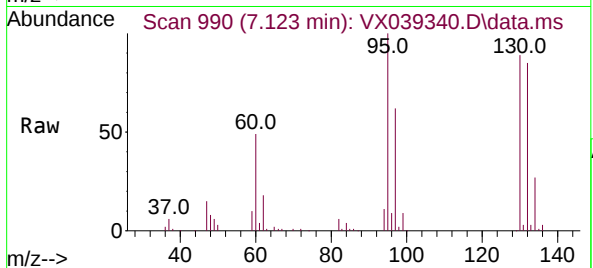
Tgt Ion: 78 Resp: 322523



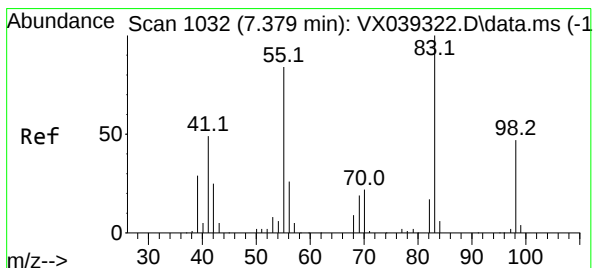
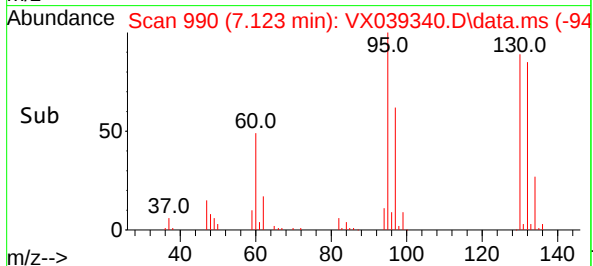
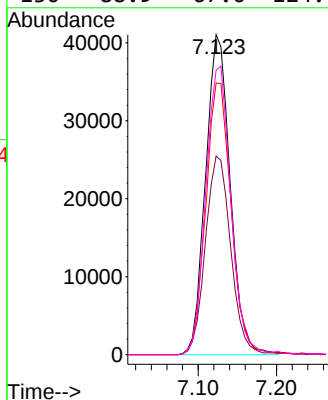


#34
Trichloroethene
Concen: 53.917 ug/L
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX039340.D
Acq: 19 Dec 2023 02:34

Instrument :
MSVOA_X
ClientSampleId :

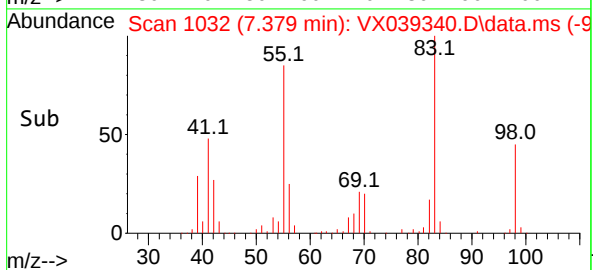
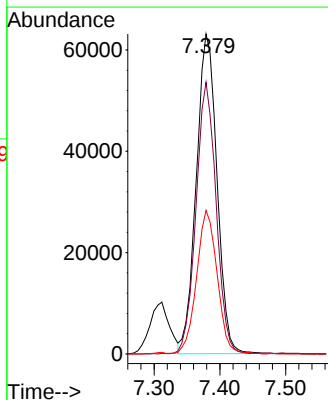
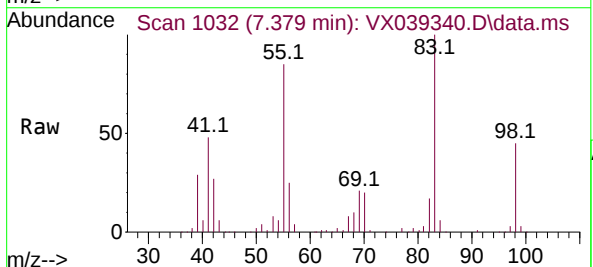


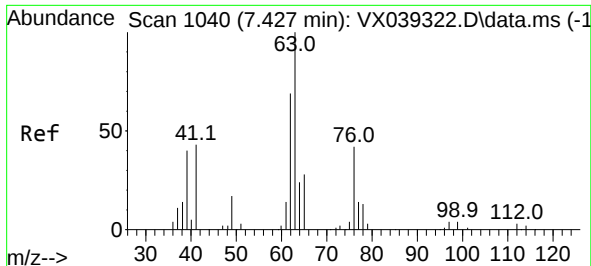
Tgt Ion:	95	Resp:	89766
Ion	Ratio	Lower	Upper
95	100		
97	62.1	45.5	84.5
132	84.9	62.2	115.4
130	88.9	67.0	124.4



#35
Methylcyclohexane
Concen: 49.931 ug/L
RT: 7.379 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VX039340.D
Acq: 19 Dec 2023 02:34

Tgt Ion:	83	Resp:	138449
Ion	Ratio	Lower	Upper
83	100		
55	82.5	62.5	93.7
98	44.6	36.1	54.1





#37

1,2-Dichloropropane

Concen: 52.426 ug/L

RT: 7.428 min Scan# 1104

Delta R.T. 0.000 min

Lab File: VX039340.D

Acq: 19 Dec 2023 02:34

Instrument :

MSVOA_X

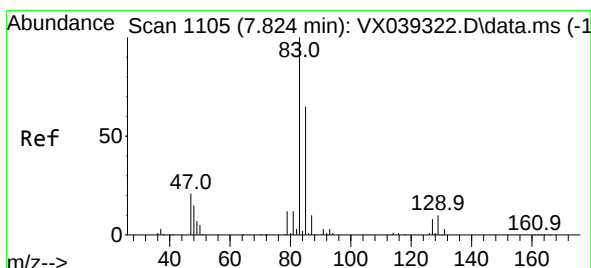
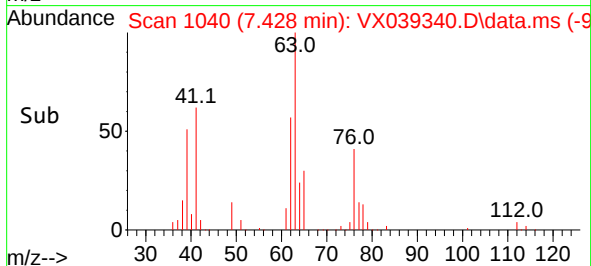
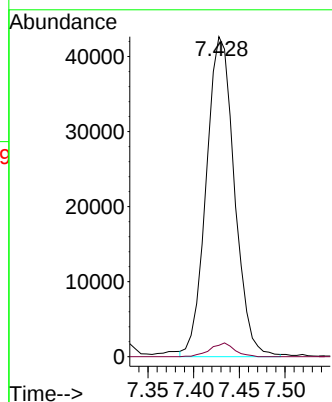
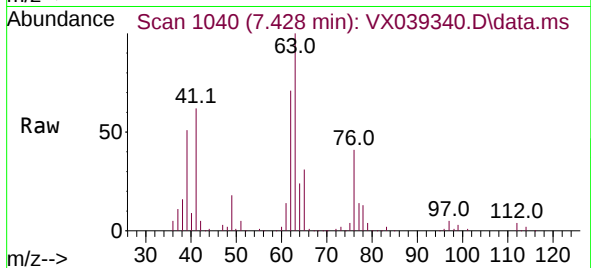
ClientSampleId :

Tgt Ion: 63 Resp: 91597

Ion Ratio Lower Upper

63 100

112 3.7 2.8 4.2



#38

Bromodichloromethane

Concen: 53.816 ug/L

RT: 7.818 min Scan# 1104

Delta R.T. -0.006 min

Lab File: VX039340.D

Acq: 19 Dec 2023 02:34

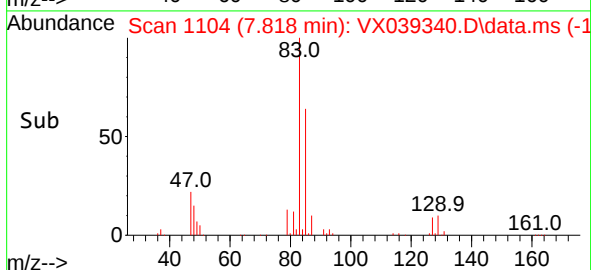
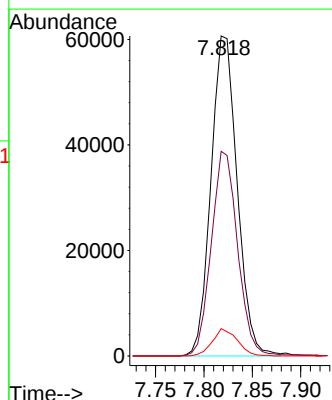
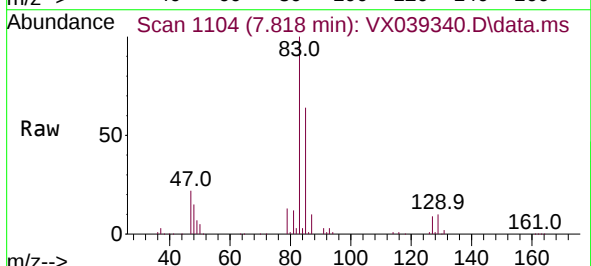
Tgt Ion: 83 Resp: 114364

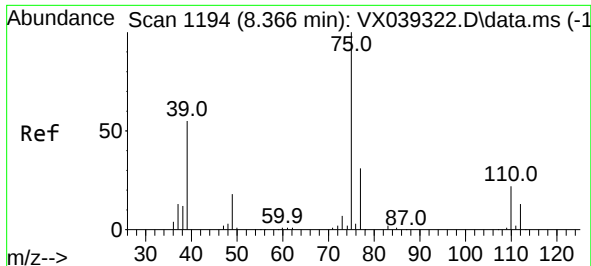
Ion Ratio Lower Upper

83 100

85 64.0 43.3 80.5

127 8.6 5.8 8.6





#39

cis-1,3-Dichloropropene

Concen: 50.309 ug/L

RT: 8.367 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX039340.D

Acq: 19 Dec 2023 02:34

Instrument :

MSVOA_X

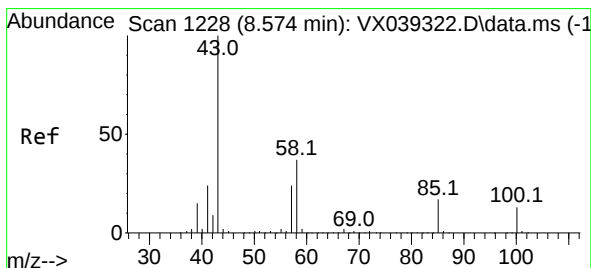
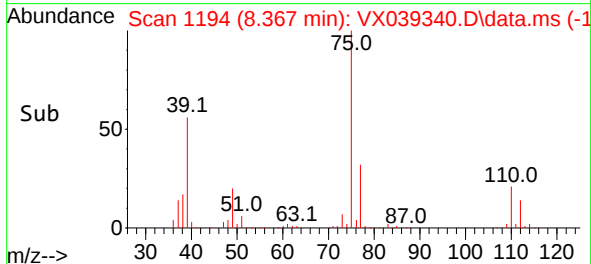
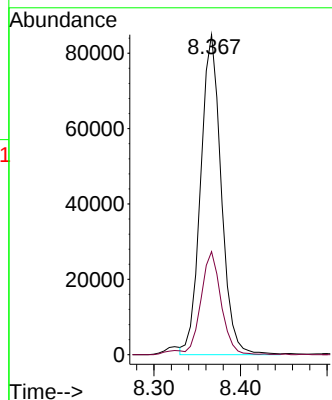
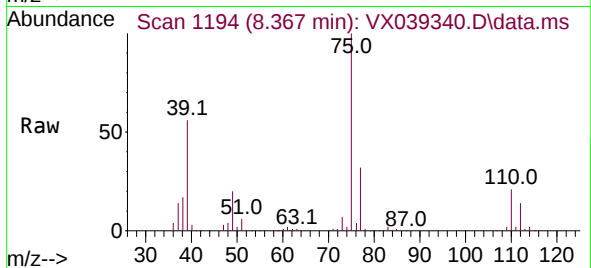
ClientSampleId :

Tgt Ion: 75 Resp: 140191

Ion Ratio Lower Upper

75 100

77 32.2 22.0 40.8



#40

4-Methyl-2-pentanone

Concen: 112.605 ug/L

RT: 8.574 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VX039340.D

Acq: 19 Dec 2023 02:34

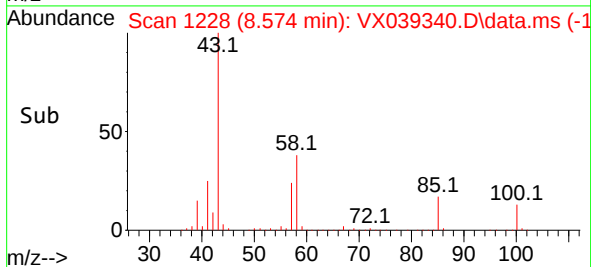
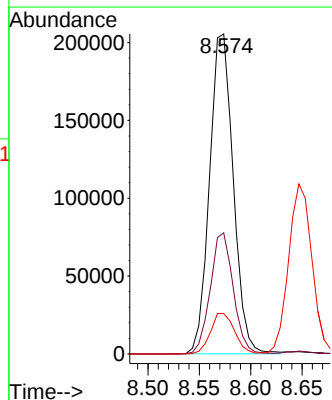
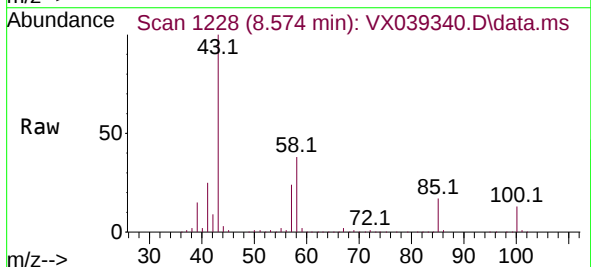
Tgt Ion: 43 Resp: 329732

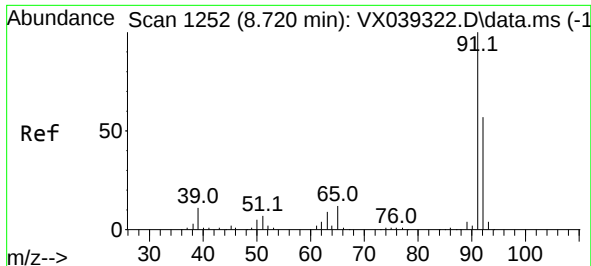
Ion Ratio Lower Upper

43 100

58 36.8 30.9 46.3

100 13.0 10.6 16.0





#42

Toluene

Concen: 52.699 ug/L

RT: 8.714 min Scan# 1251

Delta R.T. -0.006 min

Lab File: VX039340.D

Acq: 19 Dec 2023 02:34

Instrument :

MSVOA_X

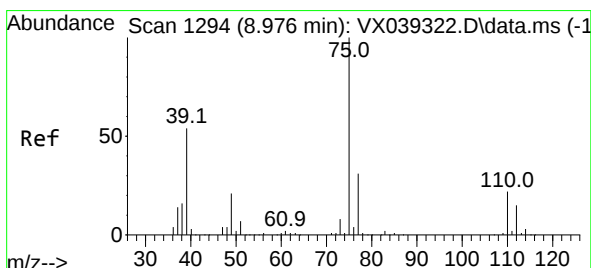
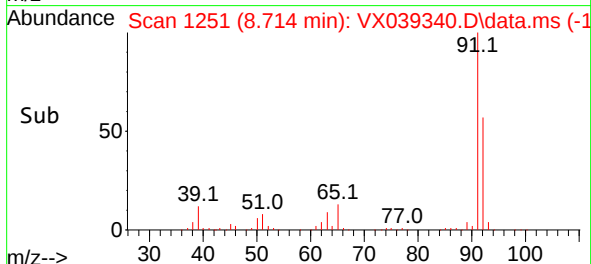
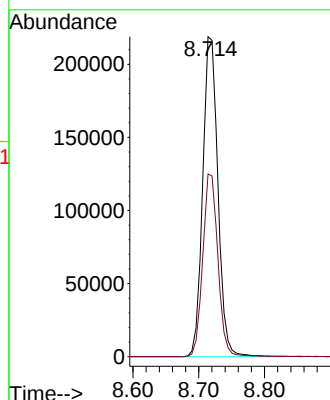
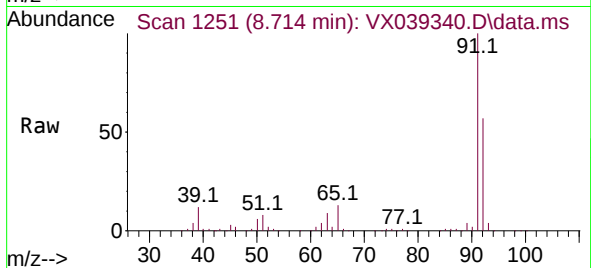
ClientSampleId :

Tgt Ion: 91 Resp: 352057

Ion Ratio Lower Upper

91 100

92 57.1 40.2 74.6



#44

trans-1,3-Dichloropropene

Concen: 50.578 ug/L

RT: 8.976 min Scan# 1294

Delta R.T. 0.000 min

Lab File: VX039340.D

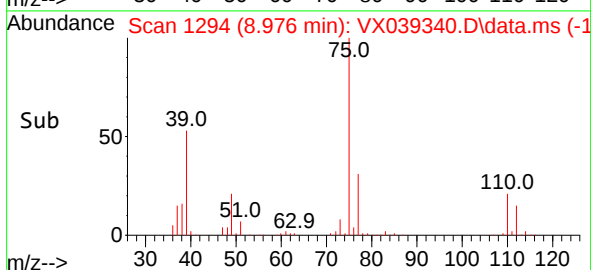
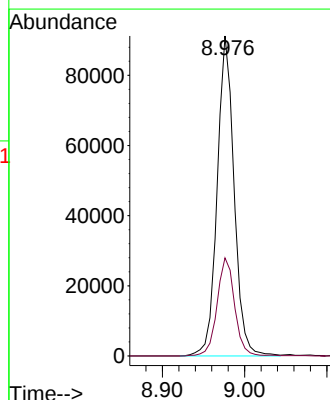
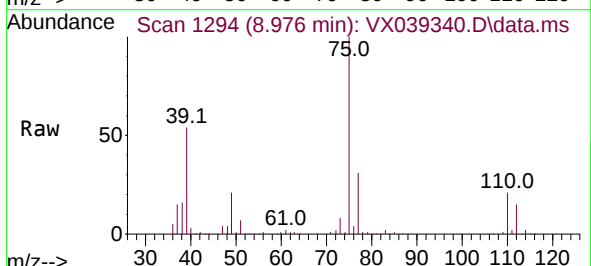
Acq: 19 Dec 2023 02:34

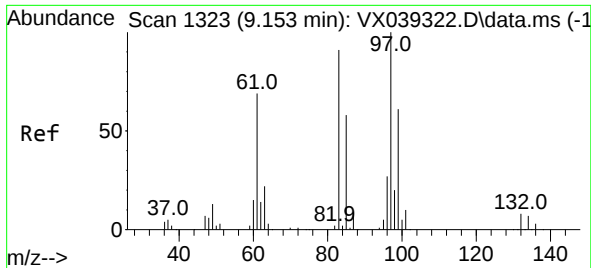
Tgt Ion: 75 Resp: 130793

Ion Ratio Lower Upper

75 100

77 30.6 22.0 40.8

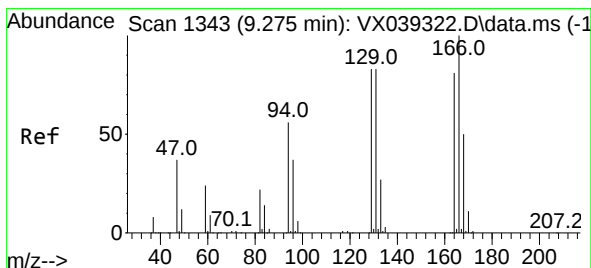
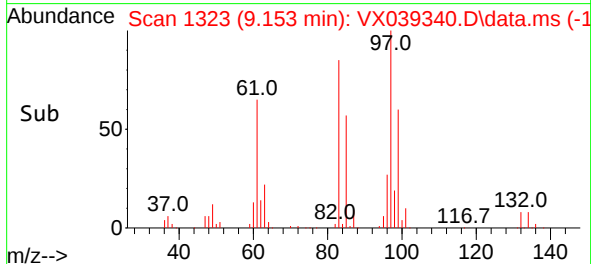
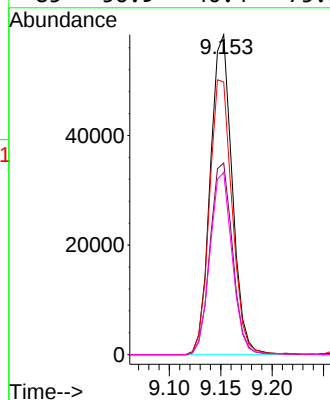
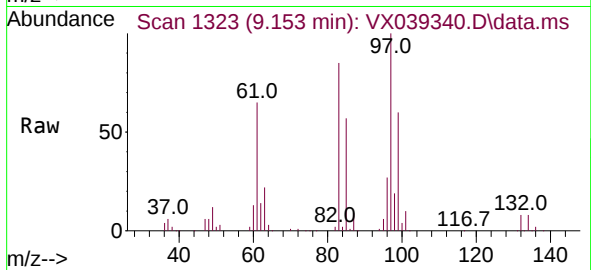




#45
1,1,2-Trichloroethane
Concen: 54.032 ug/L
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX039340.D
Acq: 19 Dec 2023 02:34

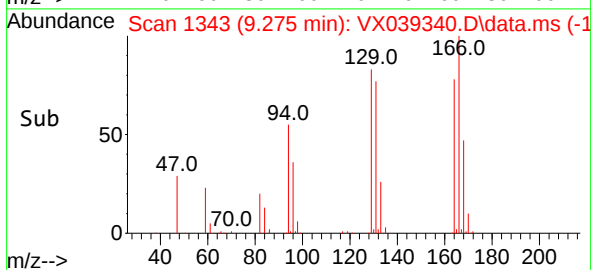
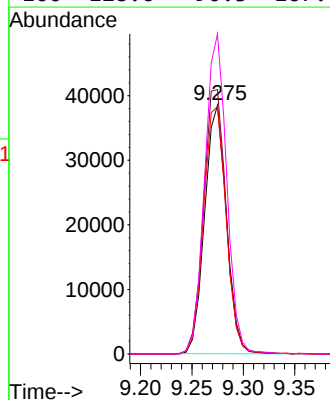
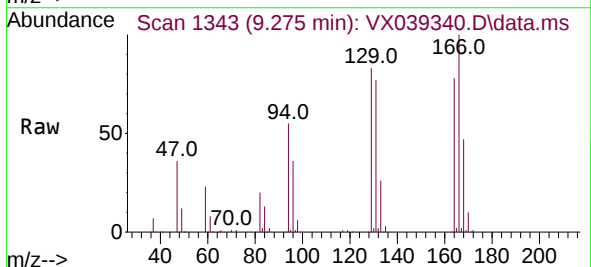
Instrument :
MSVOA_X
ClientSampleId :

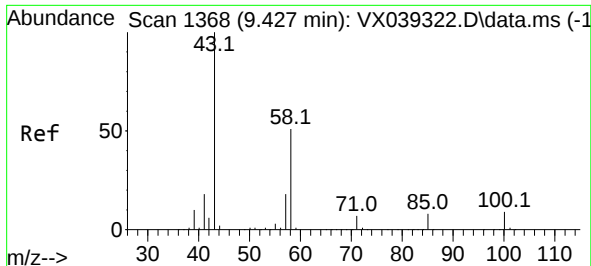
Tgt Ion:	97	Resp:	86513
Ion	Ratio	Lower	Upper
97	100		
99	59.9	43.1	80.1
83	85.3	64.0	118.8
85	56.9	40.4	75.0



#46
Tetrachloroethene
Concen: 51.880 ug/L
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX039340.D
Acq: 19 Dec 2023 02:34

Tgt Ion:	164	Resp:	56978
Ion	Ratio	Lower	Upper
164	100		
129	106.3	71.9	133.5
131	99.4	69.5	129.1
166	128.6	90.3	167.7



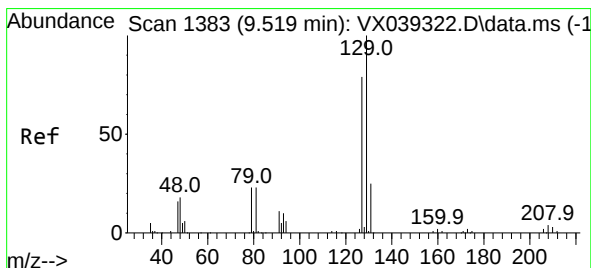
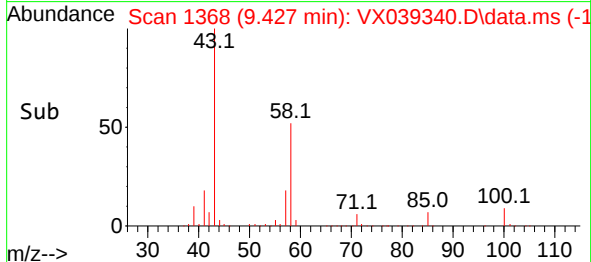
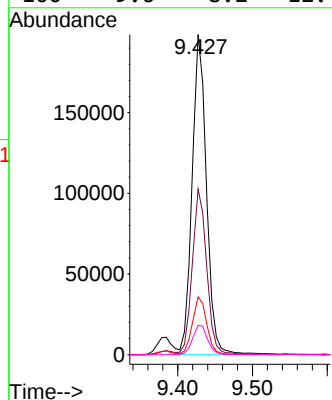
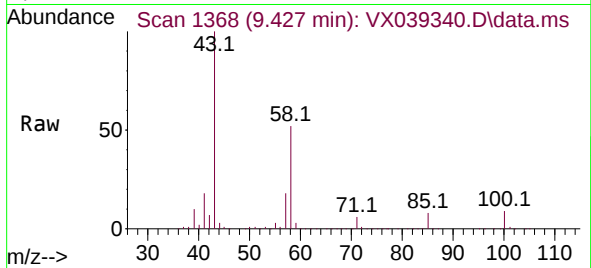


#48
2-Hexanone
Concen: 107.900 ug/L
RT: 9.427 min Scan# 1368
Delta R.T. 0.000 min
Lab File: VX039340.D
Acq: 19 Dec 2023 02:34

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 264442

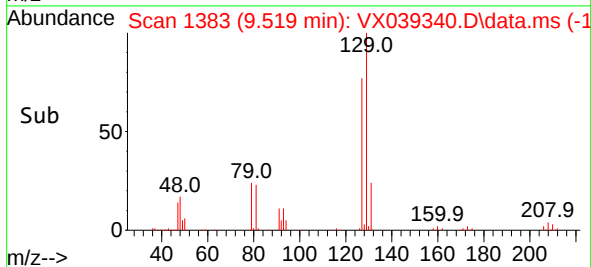
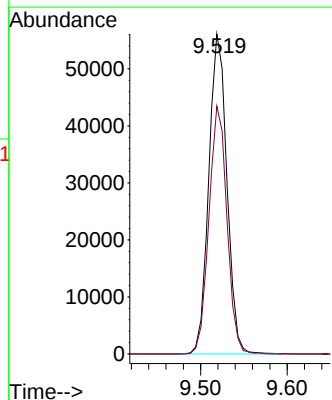
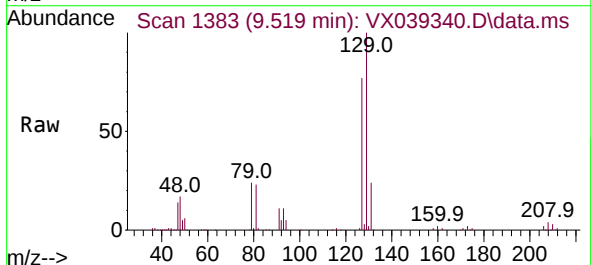
Ion	Ratio	Lower	Upper
43	100		
58	52.1	43.0	64.6
57	18.2	14.6	21.8
100	9.6	8.2	12.4

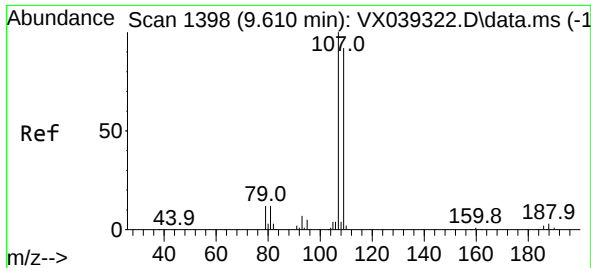


#49
Dibromochloromethane
Concen: 52.231 ug/L
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX039340.D
Acq: 19 Dec 2023 02:34

Tgt Ion: 129 Resp: 81473

Ion	Ratio	Lower	Upper
129	100		
127	77.5	55.2	102.4

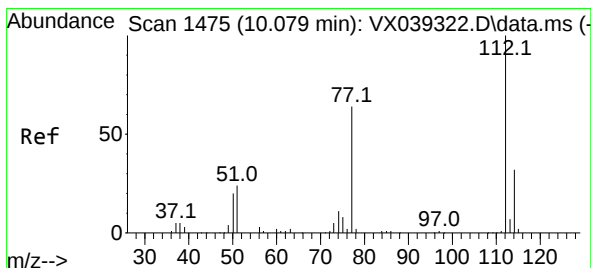
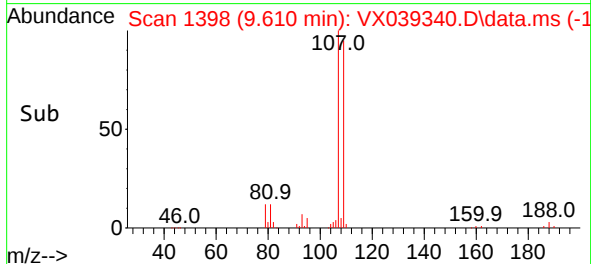
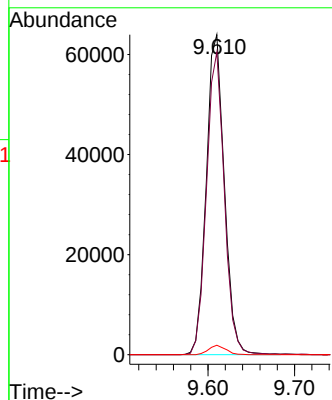
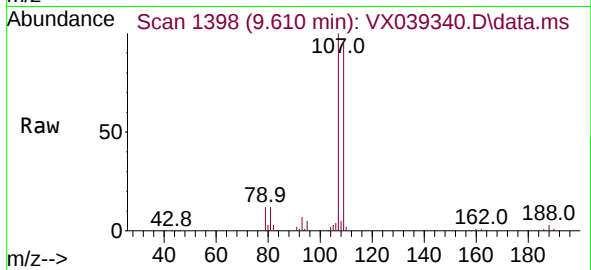




#50
1,2-Dibromoethane
Concen: 54.149 ug/L
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX039340.D
Acq: 19 Dec 2023 02:34

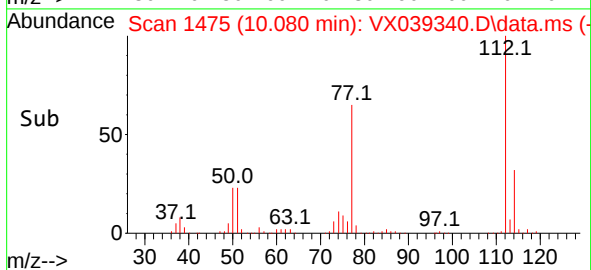
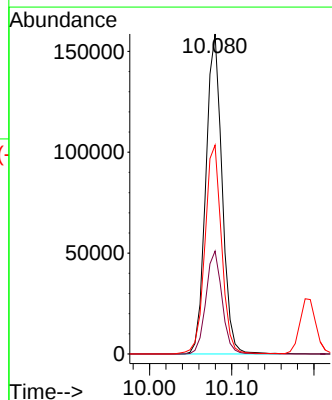
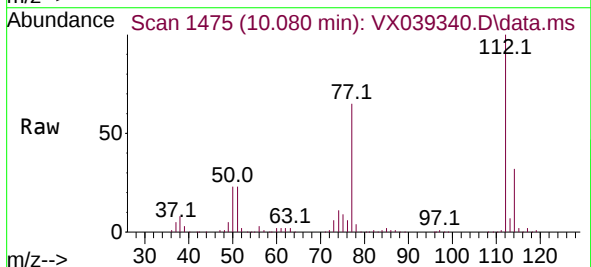
Instrument :
MSVOA_X
ClientSampleId :

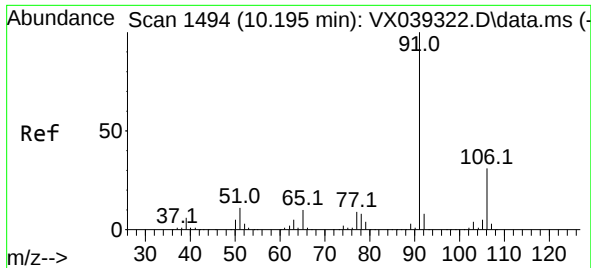
Tgt Ion:107 Resp: 92885
Ion Ratio Lower Upper
107 100
109 94.5 65.2 121.0
188 2.9 2.5 3.7



#51
Chlorobenzene
Concen: 52.714 ug/L
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX039340.D
Acq: 19 Dec 2023 02:34

Tgt Ion:112 Resp: 217523
Ion Ratio Lower Upper
112 100
114 32.2 21.8 40.4
77 65.3 49.0 73.6





#52

Ethylbenzene

Concen: 53.522 ug/L

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX039340.D

Acq: 19 Dec 2023 02:34

Instrument :

MSVOA_X

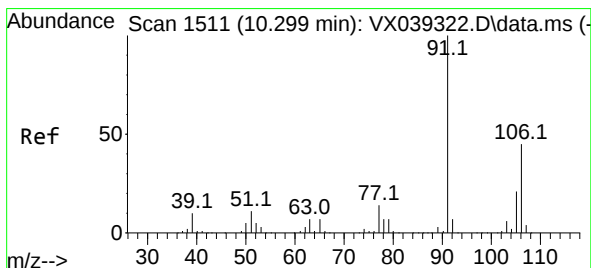
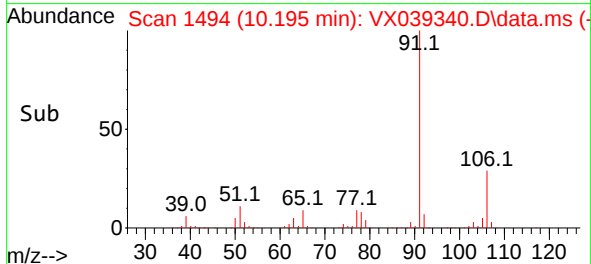
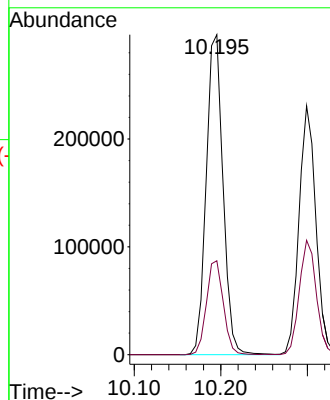
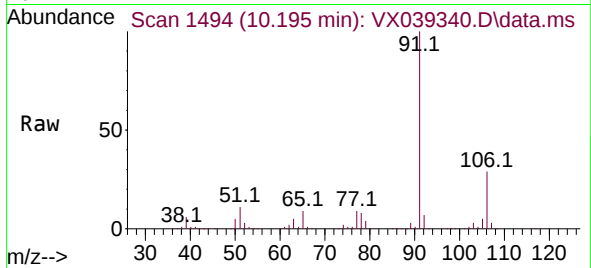
ClientSampleId :

Tgt Ion: 91 Resp: 399724

Ion Ratio Lower Upper

91 100

106 29.4 21.2 39.4



#53

m,p-Xylene

Concen: 51.812 ug/L

RT: 10.299 min Scan# 1511

Delta R.T. 0.000 min

Lab File: VX039340.D

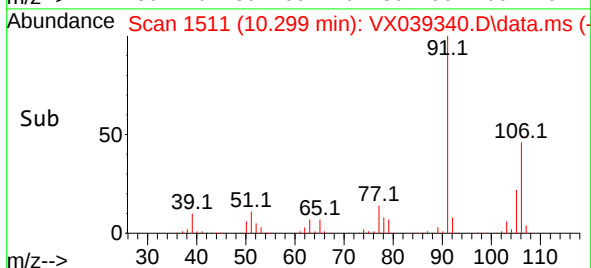
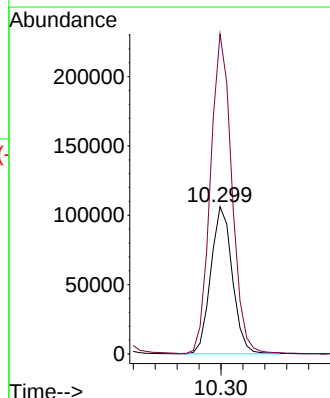
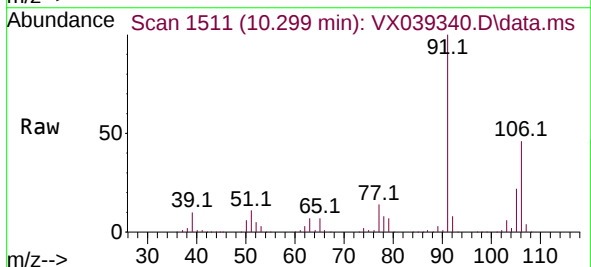
Acq: 19 Dec 2023 02:34

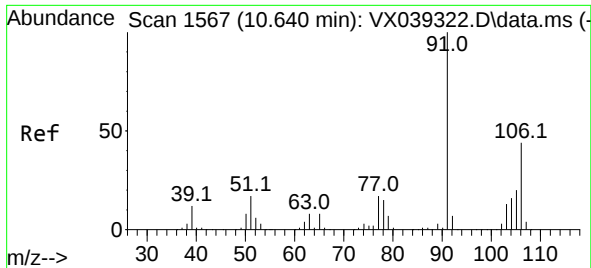
Tgt Ion:106 Resp: 144677

Ion Ratio Lower Upper

106 100

91 217.5 149.0 276.8

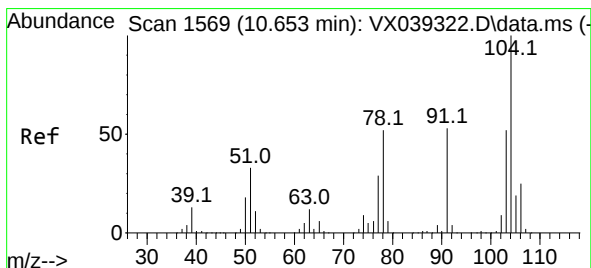
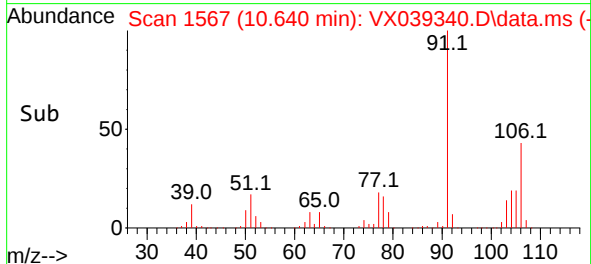
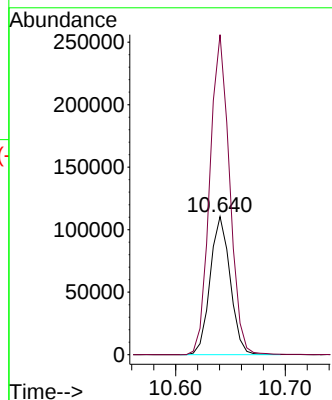
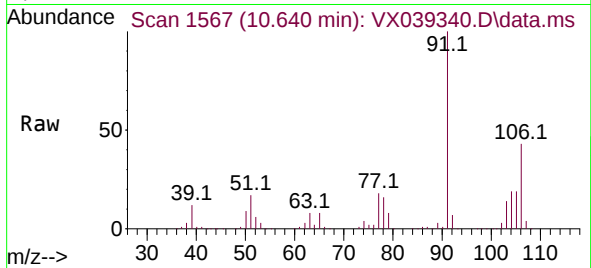




#54
o-Xylene
Concen: 52.429 ug/L
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX039340.D
Acq: 19 Dec 2023 02:34

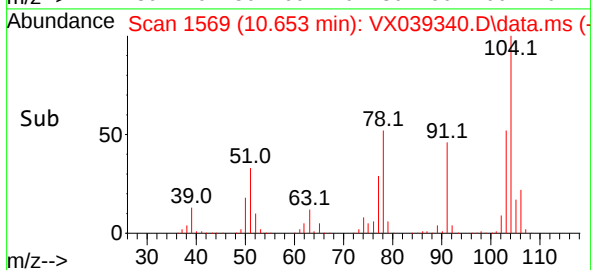
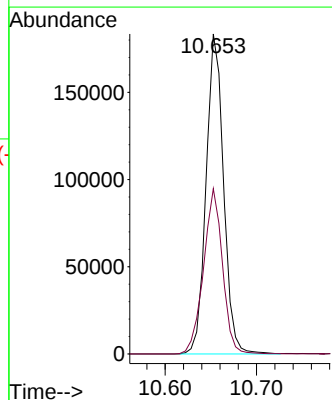
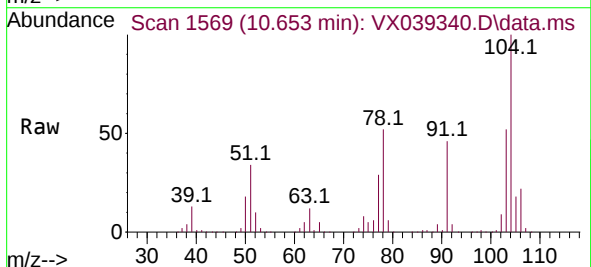
Instrument :
MSVOA_X
ClientSampleId :

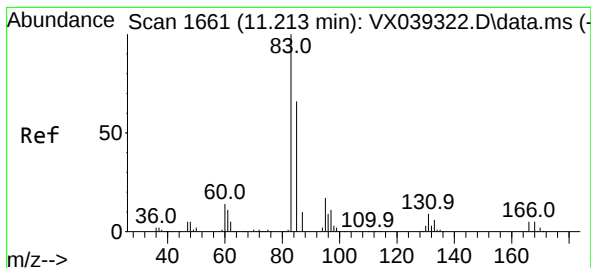
Tgt Ion:106 Resp: 140479
Ion Ratio Lower Upper
106 100
91 231.7 156.2 290.0



#55
Styrene
Concen: 53.008 ug/L
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX039340.D
Acq: 19 Dec 2023 02:34

Tgt Ion:104 Resp: 243019
Ion Ratio Lower Upper
104 100
78 51.7 33.5 62.1





#57

1,1,2-Tetrachloroethane

Concen: 53.837 ug/L

RT: 11.214 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX039340.D

Acq: 19 Dec 2023 02:34

Instrument :

MSVOA_X

ClientSampleId :

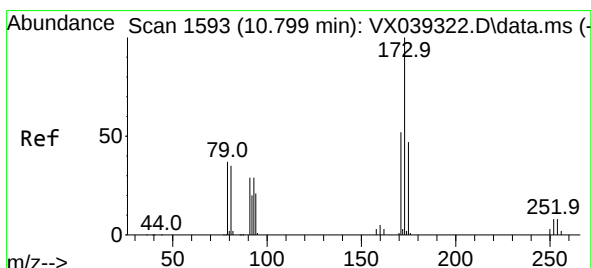
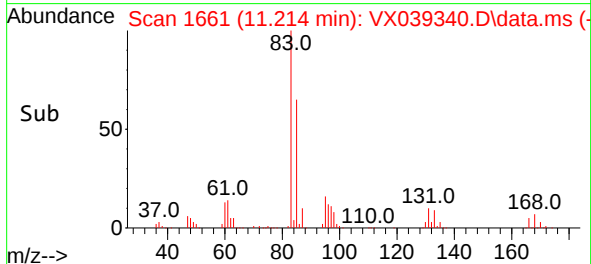
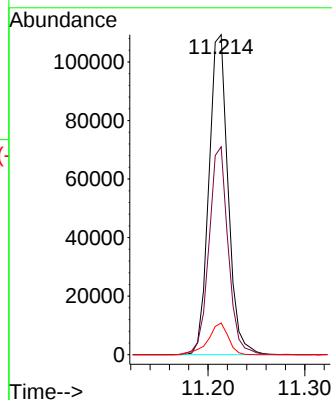
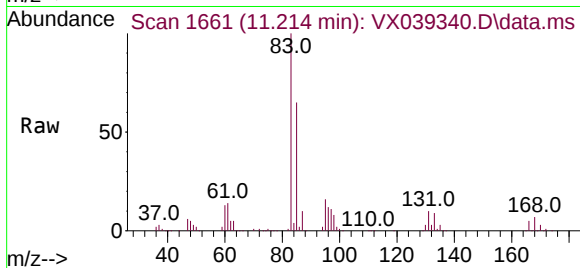
Tgt Ion: 83 Resp: 150438

Ion Ratio Lower Upper

83 100

85 65.0 45.2 84.0

131 9.9 7.2 10.8



#59

Bromoform

Concen: 47.257 ug/L

RT: 10.799 min Scan# 1593

Delta R.T. 0.000 min

Lab File: VX039340.D

Acq: 19 Dec 2023 02:34

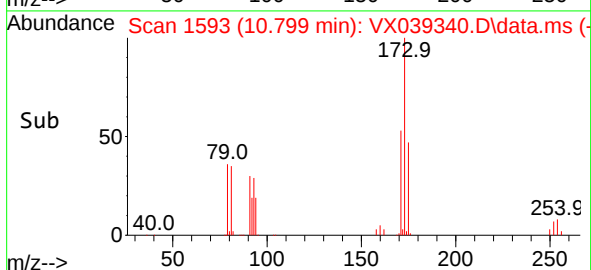
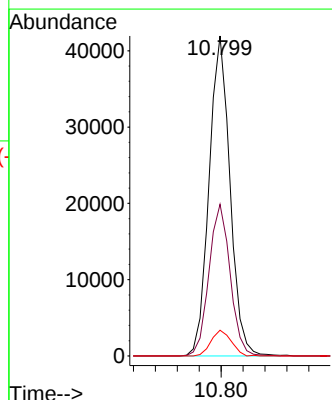
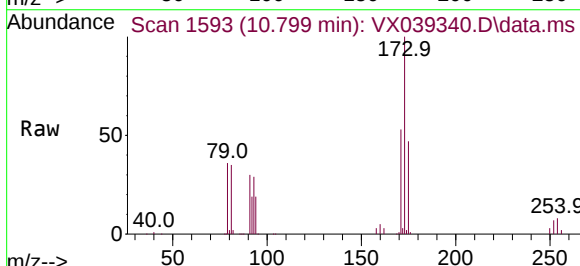
Tgt Ion:173 Resp: 55542

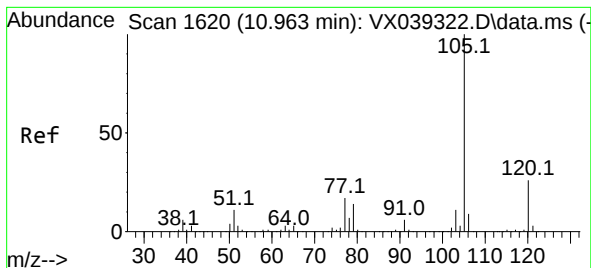
Ion Ratio Lower Upper

173 100

175 48.0 38.7 58.1

254 7.8 6.2 9.2





#60

Isopropylbenzene

Concen: 52.747 ug/L

RT: 10.964 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX039340.D

Acq: 19 Dec 2023 02:34

Instrument :

MSVOA_X

ClientSampleId :

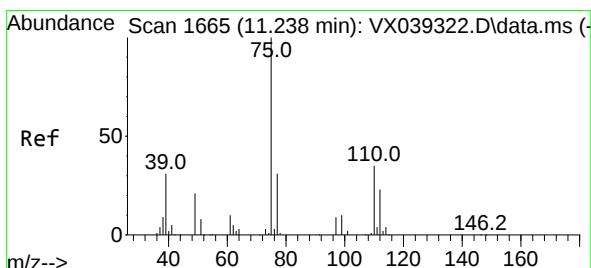
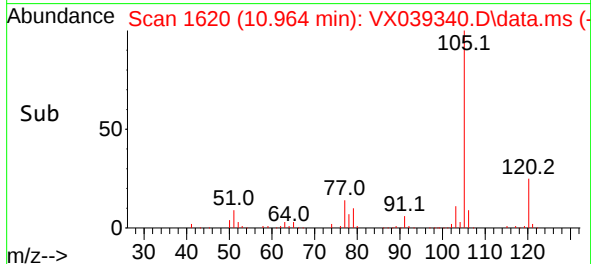
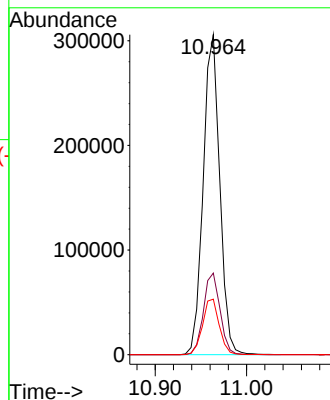
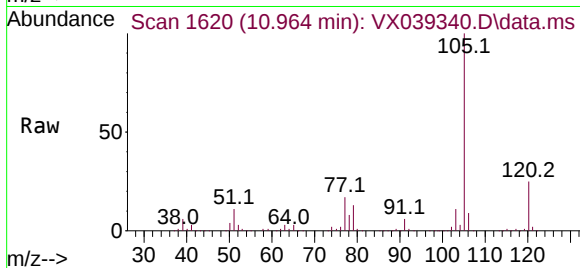
Tgt Ion:105 Resp: 385440

Ion Ratio Lower Upper

105 100

120 25.5 20.5 30.7

77 17.6 13.0 19.6



#61

1,2,3-Trichloropropane

Concen: 54.737 ug/L

RT: 11.238 min Scan# 1665

Delta R.T. 0.000 min

Lab File: VX039340.D

Acq: 19 Dec 2023 02:34

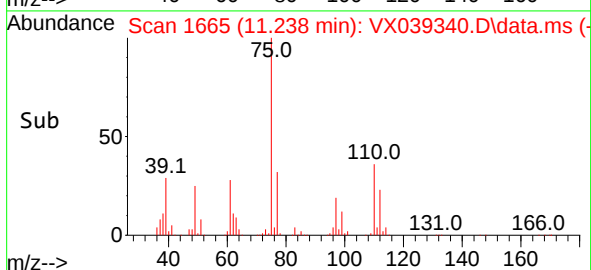
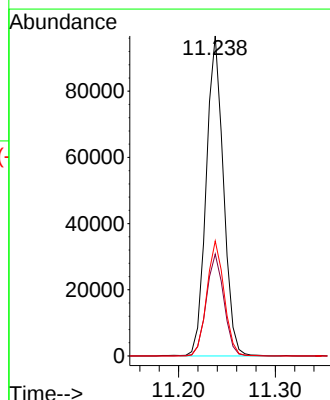
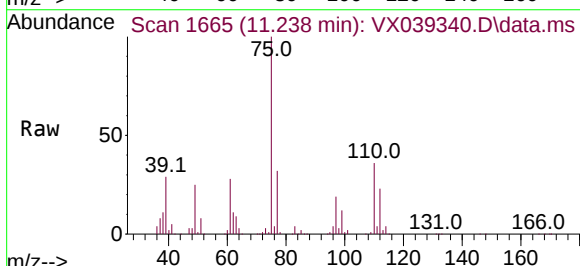
Tgt Ion: 75 Resp: 119911

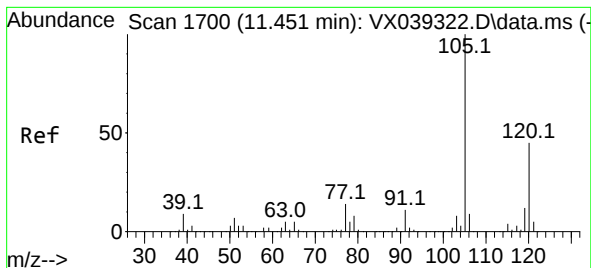
Ion Ratio Lower Upper

75 100

77 32.4 25.8 38.6

110 35.9 28.4 42.6





#62

1,3,5-Trimethylbenzene

Concen: 52.962 ug/L

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX039340.D

Acq: 19 Dec 2023 02:34

Instrument :

MSVOA_X

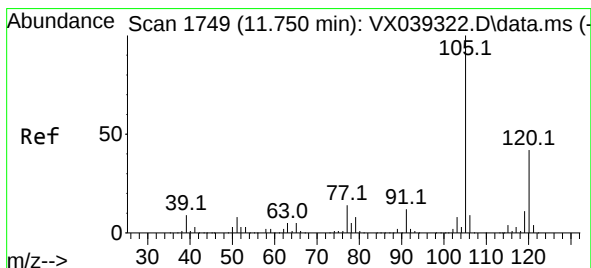
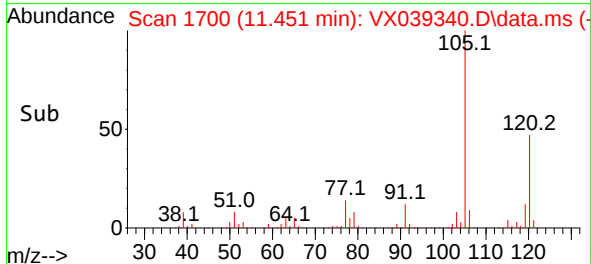
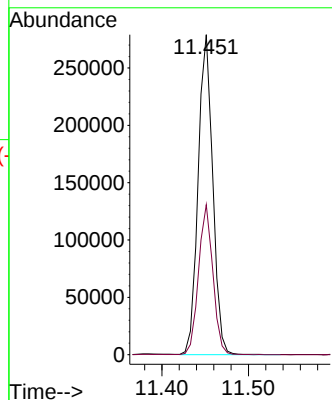
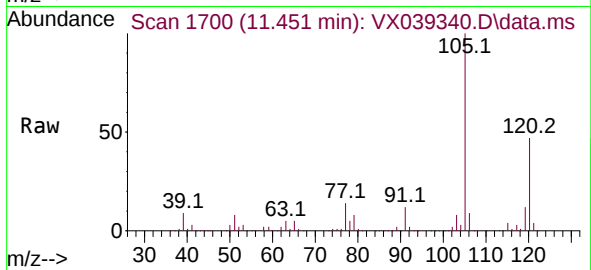
ClientSampleId :

Tgt Ion:105 Resp: 326732

Ion Ratio Lower Upper

105 100

120 45.9 37.0 55.6



#63

1,2,4-Trimethylbenzene

Concen: 53.152 ug/L

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX039340.D

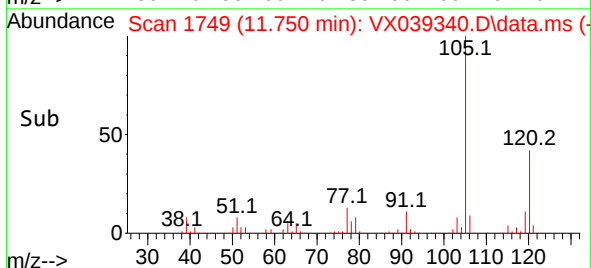
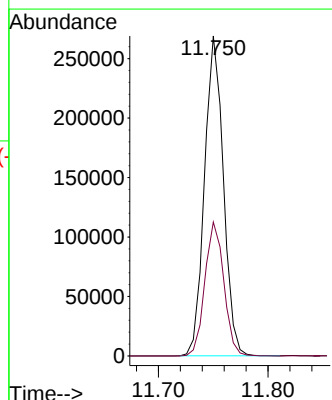
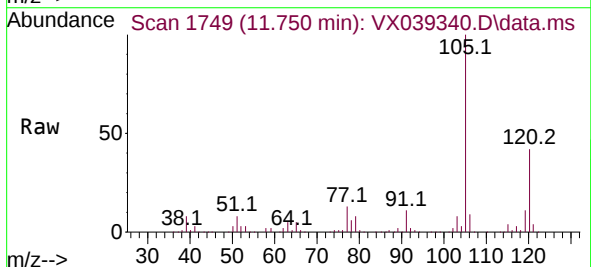
Acq: 19 Dec 2023 02:34

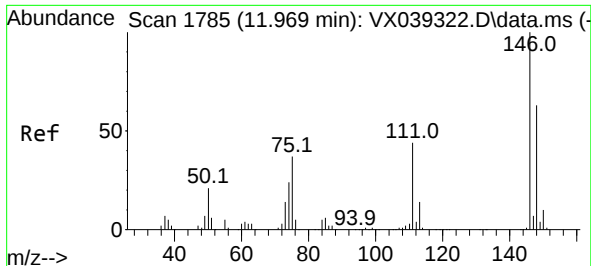
Tgt Ion:105 Resp: 321533

Ion Ratio Lower Upper

105 100

120 42.1 34.9 52.3

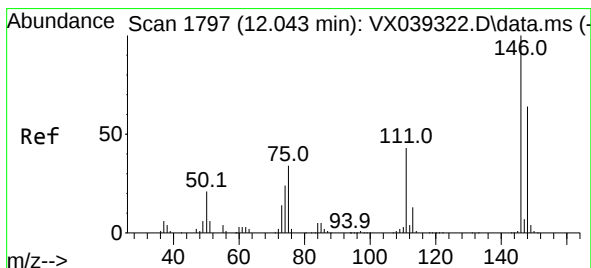
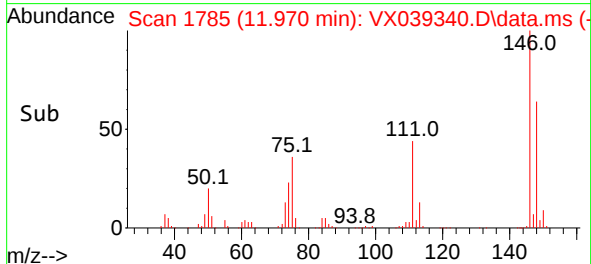
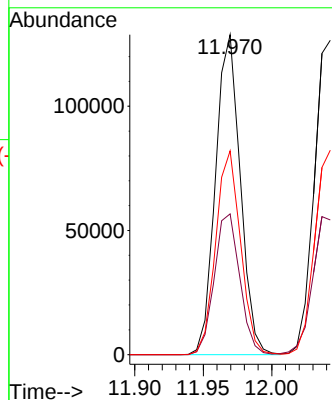
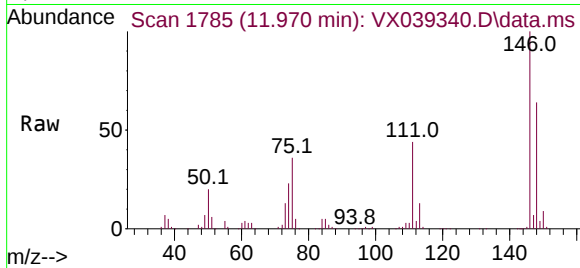




#64
1,3-Dichlorobenzene
Concen: 51.814 ug/L
RT: 11.970 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX039340.D
Acq: 19 Dec 2023 02:34

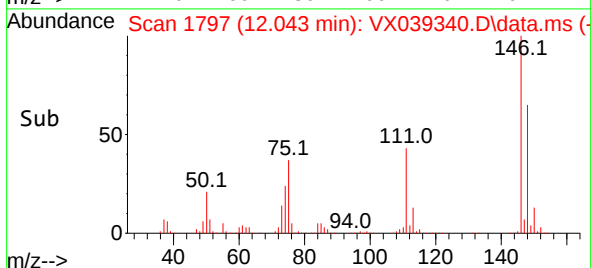
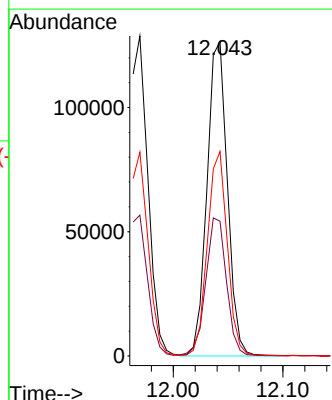
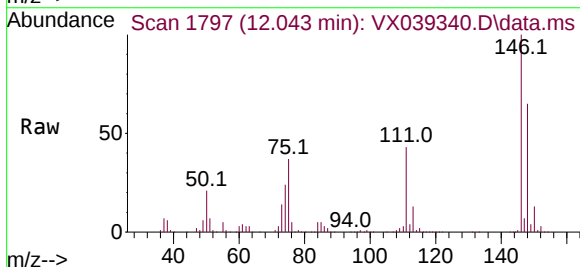
Instrument :
MSVOA_X
ClientSampleId :

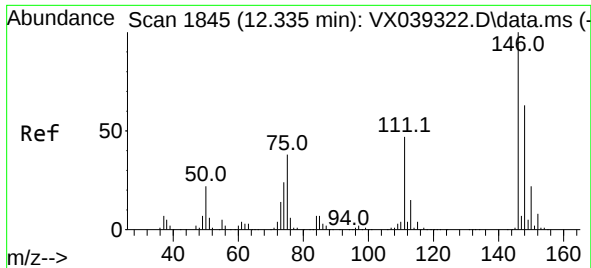
Tgt Ion:146 Resp: 162060
Ion Ratio Lower Upper
146 100
111 44.0 30.0 55.6
148 63.7 44.2 82.0



#65
1,4-Dichlorobenzene
Concen: 51.657 ug/L
RT: 12.043 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX039340.D
Acq: 19 Dec 2023 02:34

Tgt Ion:146 Resp: 163721
Ion Ratio Lower Upper
146 100
111 42.9 29.7 55.1
148 65.0 45.8 85.2





#67

1,2-Dichlorobenzene

Concen: 52.595 ug/L

RT: 12.335 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX039340.D

Acq: 19 Dec 2023 02:34

Instrument :

MSVOA_X

ClientSampleId :

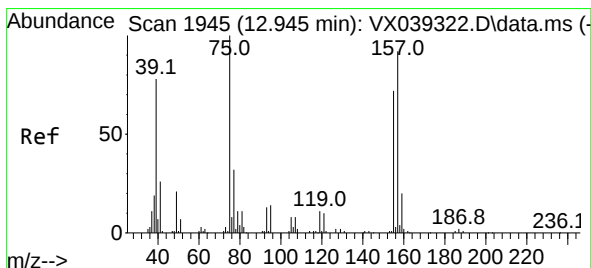
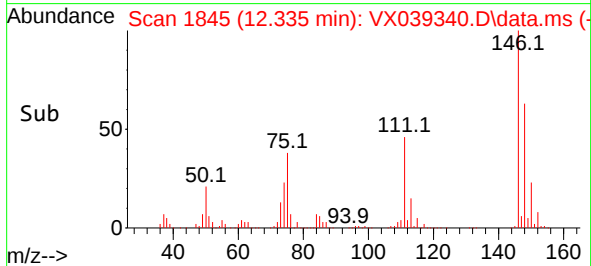
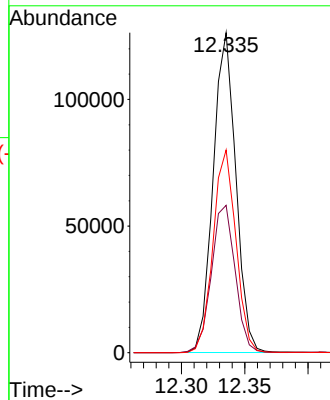
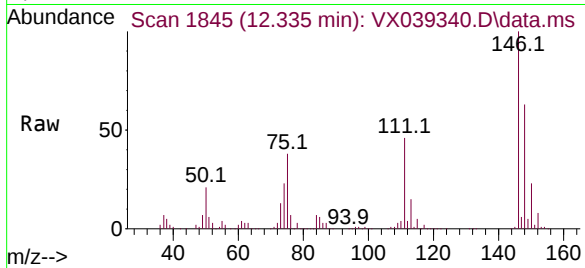
Tgt Ion:146 Resp: 157360

Ion Ratio Lower Upper

146 100

111 46.0 36.4 54.6

148 63.3 50.0 75.0



#68

1,2-Dibromo-3-chloropropane

Concen: 54.695 ug/L

RT: 12.939 min Scan# 1944

Delta R.T. -0.006 min

Lab File: VX039340.D

Acq: 19 Dec 2023 02:34

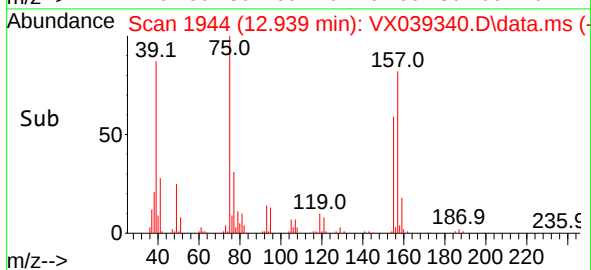
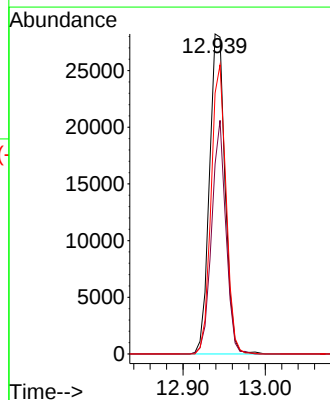
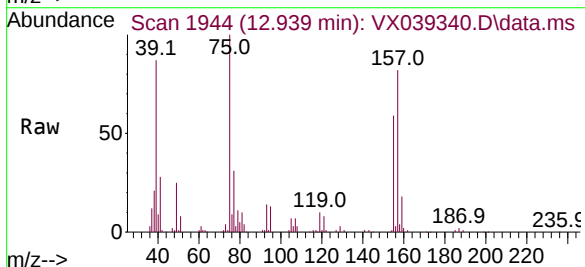
Tgt Ion: 75 Resp: 37395

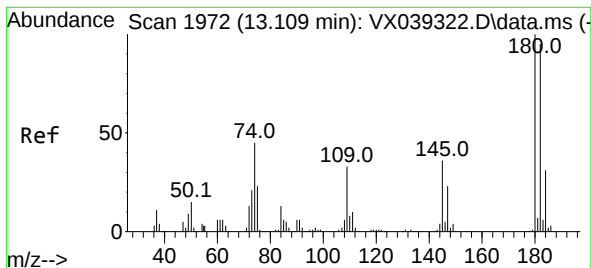
Ion Ratio Lower Upper

75 100

155 59.4 52.3 78.5

157 81.5 68.7 103.1





#69

1,3,5-Trichlorobenzene

Concen: 51.529 ug/L

RT: 13.110 min Scan# 1972

Delta R.T. 0.000 min

Lab File: VX039340.D

Acq: 19 Dec 2023 02:34

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion:180 Resp: 106584

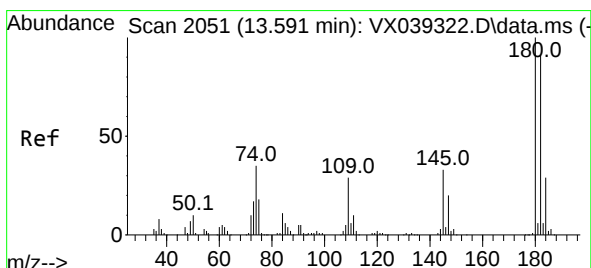
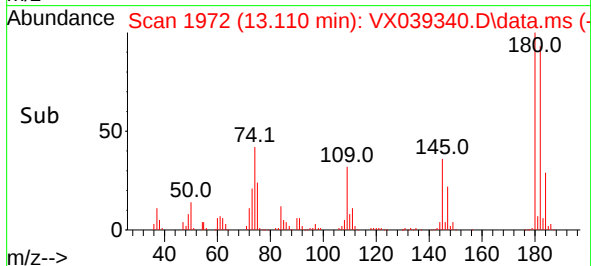
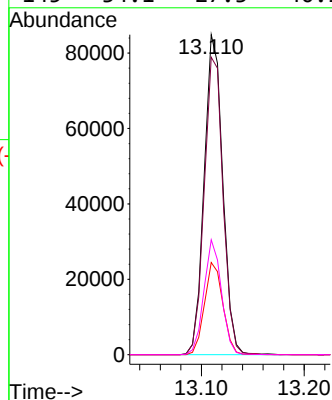
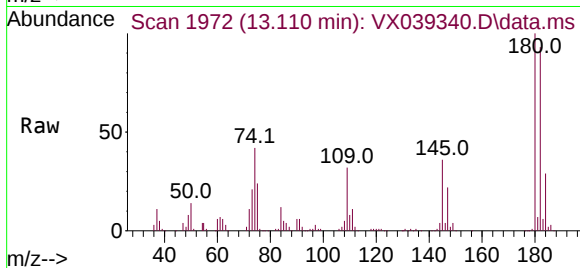
Ion Ratio Lower Upper

180 100

182 94.3 76.1 114.1

184 28.5 24.1 36.1

145 34.1 27.3 40.9



#70

1,2,4-trichlorobenzene

Concen: 50.272 ug/L

RT: 13.585 min Scan# 2050

Delta R.T. -0.006 min

Lab File: VX039340.D

Acq: 19 Dec 2023 02:34

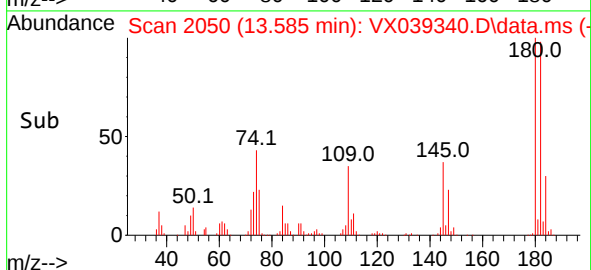
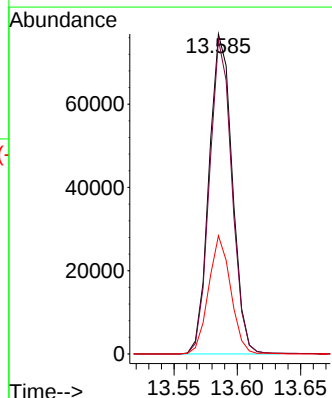
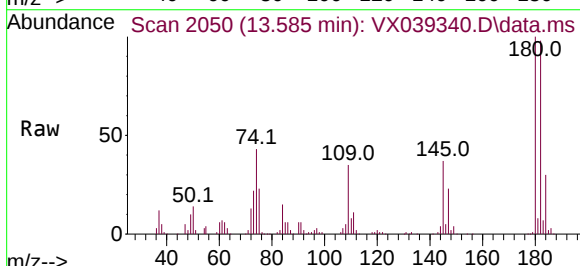
Tgt Ion:180 Resp: 98027

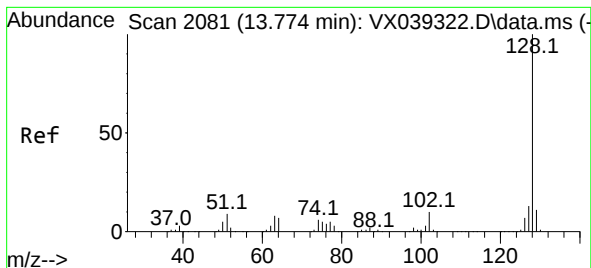
Ion Ratio Lower Upper

180 100

182 95.0 76.8 115.2

145 35.1 27.8 41.6





#71

Naphthalene

Concen: 51.639 ug/L

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX039340.D

Acq: 19 Dec 2023 02:34

Instrument :

MSVOA_X

ClientSampleId :

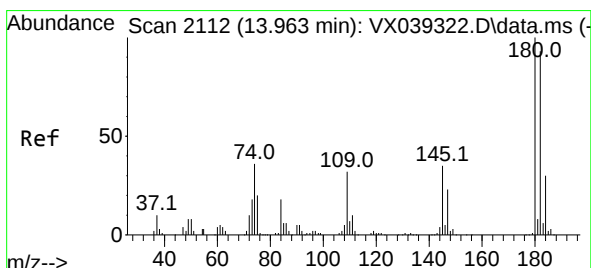
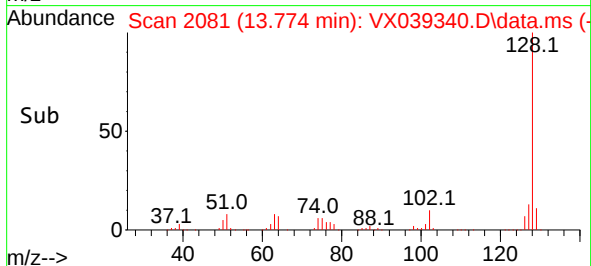
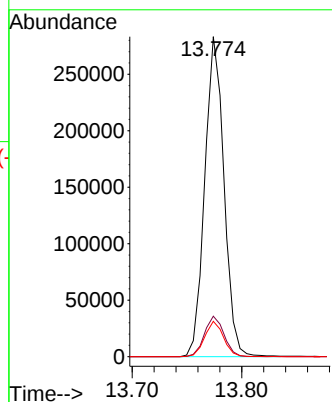
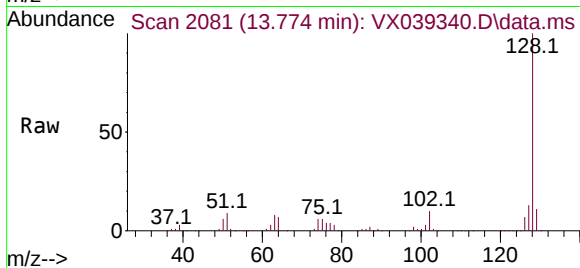
Tgt Ion:128 Resp: 345331

Ion Ratio Lower Upper

128 100

127 12.9 10.2 15.4

129 10.9 8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 50.832 ug/L

RT: 13.963 min Scan# 2112

Delta R.T. 0.000 min

Lab File: VX039340.D

Acq: 19 Dec 2023 02:34

Tgt Ion:180 Resp: 95975

Ion Ratio Lower Upper

180 100

182 94.2 75.9 113.9

145 36.4 28.6 42.8

