

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122923\
 Data File : VX039555.D
 Acq On : 29 Dec 2023 18:57
 Operator : JC/MD
 Sample : 06017-03MSD
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SB32-2-20231222-7.5-8.5MSD

Quant Time: Dec 30 02:07:06 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121323W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 14 01:28:15 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.549	168	114047	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	209296	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	185921	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	92362	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	96663	46.267	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	92.540%
35) Dibromofluoromethane	5.391	113	69528	48.086	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.180%
50) Toluene-d8	8.646	98	252818	47.097	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	94.200%
62) 4-Bromofluorobenzene	11.085	95	104085	46.995	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.980%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	68618	42.817	ug/l	97
3) Chloromethane	1.300	50	81009	45.597	ug/l	98
4) Vinyl Chloride	1.373	62	79267	47.973	ug/l	99
5) Bromomethane	1.599	94	33944	35.707	ug/l	94
6) Chloroethane	1.666	64	23811	23.913	ug/l	95
7) Trichlorofluoromethane	1.843	101	59443	24.568	ug/l	98
8) Diethyl Ether	2.141	74	42456	50.701	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.294	101	70413	47.690	ug/l	97
10) Methyl Iodide	2.428	142	60464	39.620	ug/l	95
11) Tert butyl alcohol	2.946	59	5132	9.782	ug/l #	78
12) 1,1-Dichloroethene	2.288	96	67950	46.332	ug/l	99
13) Acrolein	2.251	56	115472	275.889	ug/l	100
14) Allyl chloride	2.647	41	103675	34.896	ug/l #	92
15) Acrylonitrile	3.086	53	271131	258.184	ug/l	100
16) Acetone	2.422	43	242666	194.911	ug/l	97
17) Carbon Disulfide	2.483	76	167698	39.074	ug/l	98
18) Methyl Acetate	2.721	43	259367	57.396	ug/l	99
19) Methyl tert-butyl Ether	3.135	73	269390	50.789	ug/l	99
20) Methylene Chloride	2.782	84	83575	47.986	ug/l	98
21) trans-1,2-Dichloroethene	3.074	96	77168	48.355	ug/l	98
22) Diisopropyl ether	3.781	45	278209	51.443	ug/l #	85
23) Vinyl Acetate	3.733	43	989621	245.795	ug/l	100
24) 1,1-Dichloroethane	3.605	63	152916	50.019	ug/l	99
25) 2-Butanone	4.592	43	378679	210.042	ug/l	97
26) 2,2-Dichloropropane	4.464	77	110263	41.313	ug/l	98
27) cis-1,2-Dichloroethene	4.482	96	87174	49.490	ug/l	97
28) Bromochloromethane	4.903	49	69918	46.872	ug/l	93
29) Tetrahydrofuran	5.037	42	257151	258.280	ug/l	98
30) Chloroform	5.092	83	149695	48.999	ug/l	94
31) Cyclohexane	5.458	56	150038	55.600	ug/l	93
32) 1,1,1-Trichloroethane	5.379	97	126028	47.519	ug/l	99
36) 1,1-Dichloropropene	5.683	75	110281	48.333	ug/l	99
37) Ethyl Acetate	4.739	43	159596	56.616	ug/l	98
38) Carbon Tetrachloride	5.671	117	99245	45.578	ug/l	97
39) Methylcyclohexane	7.372	83	165735	60.470	ug/l	96
40) Benzene	6.031	78	326817	50.635	ug/l	98

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.946	41	66660	44.320	ug/l #	87
42) 1,2-Dichloroethane	6.086	62	126061	48.250	ug/l	98
43) Isopropyl Acetate	6.360	43	229361	50.035	ug/l	99
44) Trichloroethene	7.122	130	77449	47.551	ug/l	92
45) 1,2-Dichloropropane	7.433	63	88183	50.907	ug/l	98
46) Dibromomethane	7.579	93	58732	48.233	ug/l	95
47) Bromodichloromethane	7.823	83	103587	44.492	ug/l	98
48) Methyl methacrylate	7.701	41	129879	48.464	ug/l	92
49) 1,4-Dioxane	7.689	88	23421	648.358	ug/l #	85
51) 4-Methyl-2-Pentanone	8.591	43	760458	260.371	ug/l	99
52) Toluene	8.720	92	189794	48.720	ug/l	95
53) t-1,3-Dichloropropene	8.982	75	117081	45.677	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	126736	45.952	ug/l	98
55) 1,1,2-Trichloroethane	9.152	97	80152	49.283	ug/l #	87
56) Ethyl methacrylate	9.128	69	125699	63.312	ug/l #	82
57) 1,3-Dichloropropane	9.311	76	137785	49.006	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	320353	274.793	ug/l	93
59) 2-Hexanone	9.451	43	581059	230.519	ug/l	98
60) Dibromochloromethane	9.524	129	71571	43.514	ug/l	98
61) 1,2-Dibromoethane	9.610	107	83875	48.310	ug/l	98
64) Tetrachloroethene	9.274	164	59064	48.615	ug/l	97
65) Chlorobenzene	10.079	112	193413	47.661	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.164	131	65735	45.859	ug/l	96
67) Ethyl Benzene	10.195	91	381124	50.454	ug/l	98
68) m/p-Xylenes	10.305	106	268078	98.980	ug/l	94
69) o-Xylene	10.646	106	130033	49.656	ug/l	93
70) Styrene	10.658	104	193110	50.443	ug/l	96
71) Bromoform	10.805	173	45874	43.055	ug/l #	100
73) Isopropylbenzene	10.963	105	399358	56.042	ug/l	99
74) N-amyl acetate	10.847	43	224862	62.367	ug/l #	80
75) 1,1,2,2-Tetrachloroethane	11.219	83	142569	53.780	ug/l	95
76) 1,2,3-Trichloropropane	11.243	75	150714	63.072	ug/l	89
77) Bromobenzene	11.201	156	75561	47.950	ug/l	89
78) n-propylbenzene	11.304	91	756898	86.207	ug/l	97
79) 2-Chlorotoluene	11.365	91	257932	48.567	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	318547	52.473	ug/l	95
81) trans-1,4-Dichloro-2-b...	11.024	75	36315	42.872	ug/l	92
82) 4-Chlorotoluene	11.457	91	299581	48.027	ug/l	97
83) tert-Butylbenzene	11.719	119	288438	49.925	ug/l	96
84) 1,2,4-Trimethylbenzene	11.756	105	353278	56.747	ug/l	98
85) sec-Butylbenzene	11.890	105	430284	58.528	ug/l	95
86) p-Isopropyltoluene	12.012	119	336180	54.487	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	145670	47.053	ug/l	97
88) 1,4-Dichlorobenzene	12.042	146	148021	45.920	ug/l	97
89) n-Butylbenzene	12.335	91	569300	93.863	ug/l #	84
90) Hexachloroethane	12.536	117	72750	65.275	ug/l	70
91) 1,2-Dichlorobenzene	12.335	146	143294	48.375	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.944	75	45580	65.278	ug/l	76
93) 1,2,4-Trichlorobenzene	13.591	180	104264	53.754	ug/l	90
94) Hexachlorobutadiene	13.725	225	45595	62.377	ug/l	99
95) Naphthalene	13.774	128	1313063	194.387	ug/l	99
96) 1,2,3-Trichlorobenzene	13.962	180	100344	53.589	ug/l	91

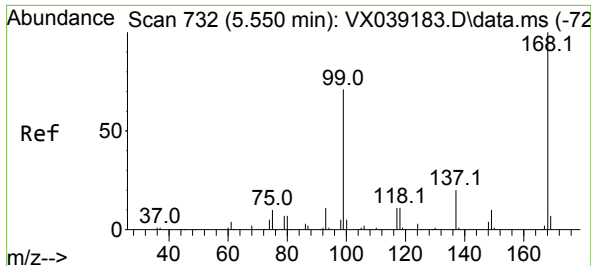
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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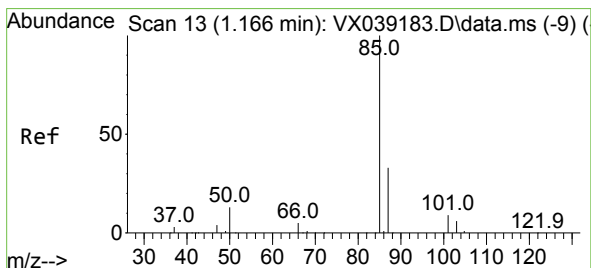
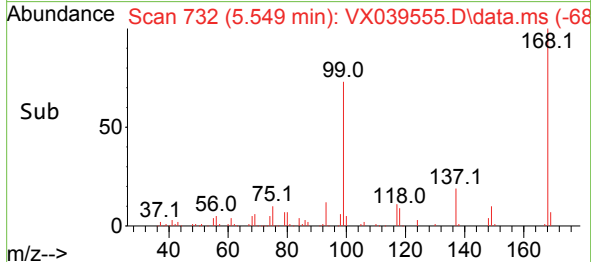
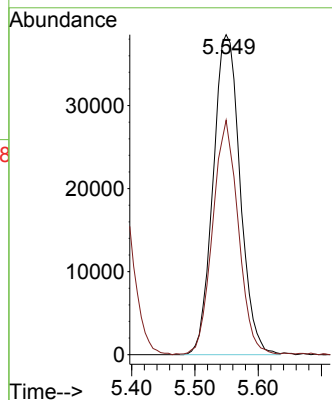
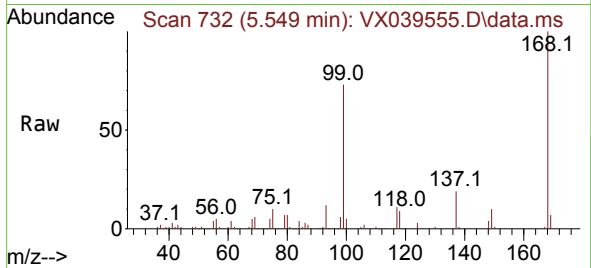
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.549 min Scan# 71
Delta R.T. -0.001 min
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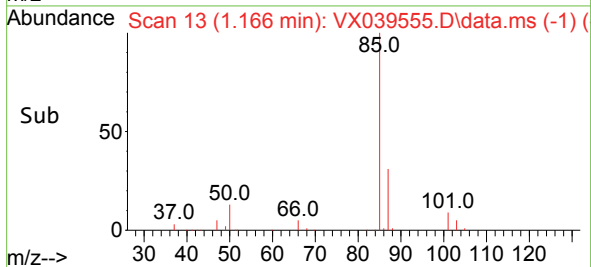
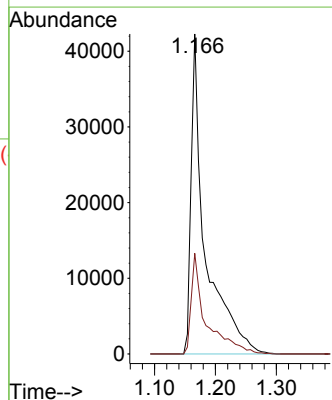
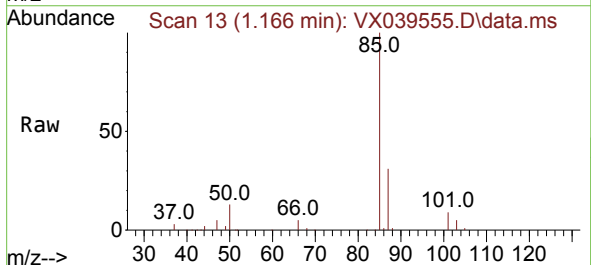
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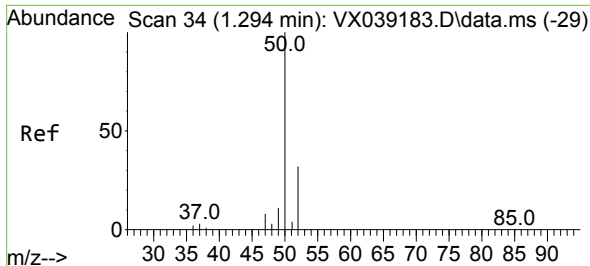
Tgt Ion:168 Resp: 114047
Ion Ratio Lower Upper
168 100
99 73.1 56.6 85.0



#2
Dichlorodifluoromethane
Concen: 42.817 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX039555.D
Acq: 29 Dec 2023 18:57

Tgt Ion: 85 Resp: 68618
Ion Ratio Lower Upper
85 100
87 31.5 16.7 50.1

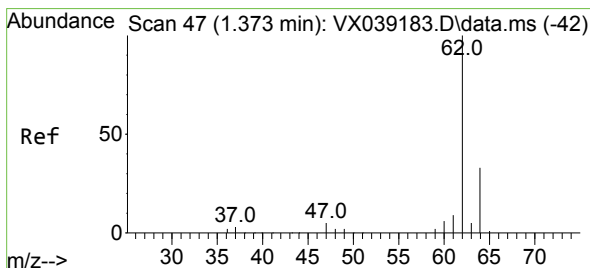
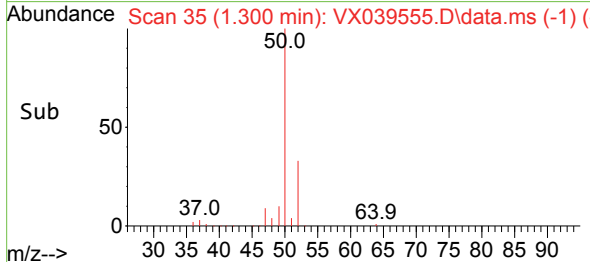
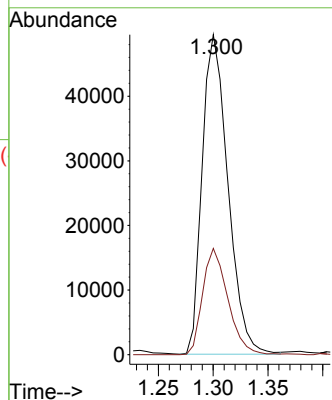
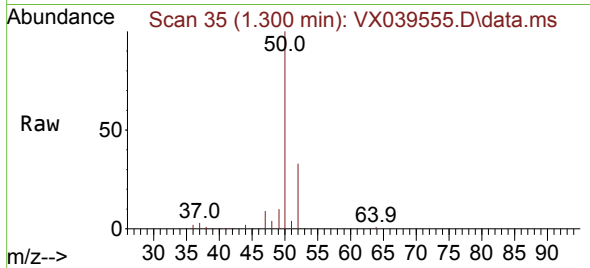




#3
Chloromethane
Concen: 45.597 ug/l
RT: 1.300 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX039555.D
Acq: 29 Dec 2023 18:57

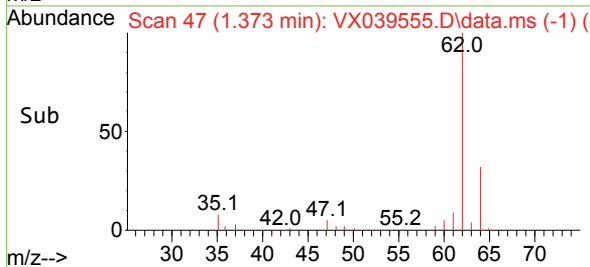
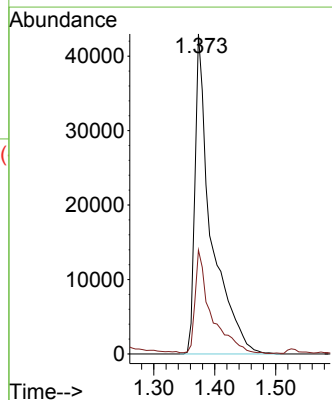
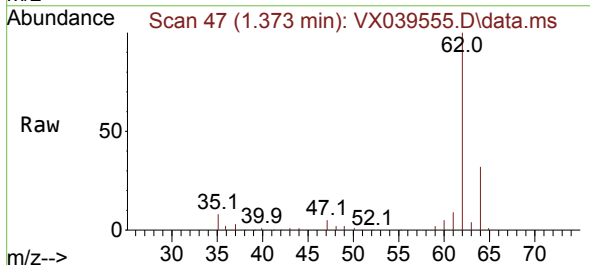
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ClientSampleId :
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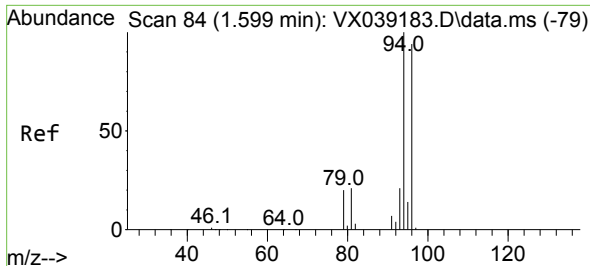
Tgt Ion: 50 Resp: 81009
Ion Ratio Lower Upper
50 100
52 33.2 25.5 38.3



#4
Vinyl Chloride
Concen: 47.973 ug/l
RT: 1.373 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX039555.D
Acq: 29 Dec 2023 18:57

Tgt Ion: 62 Resp: 79267
Ion Ratio Lower Upper
62 100
64 32.2 25.4 38.0

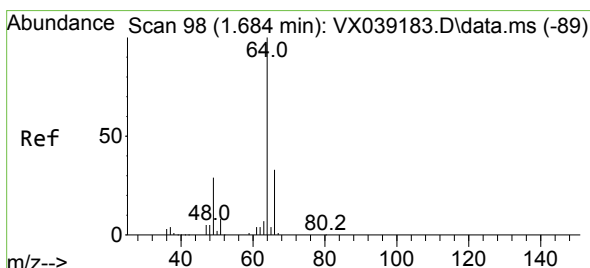
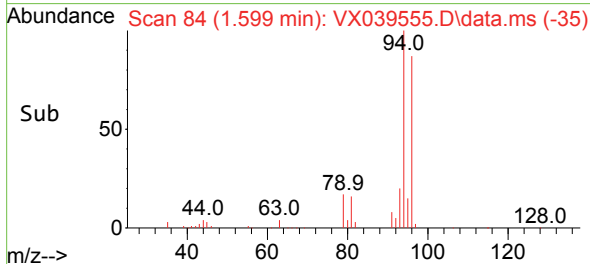
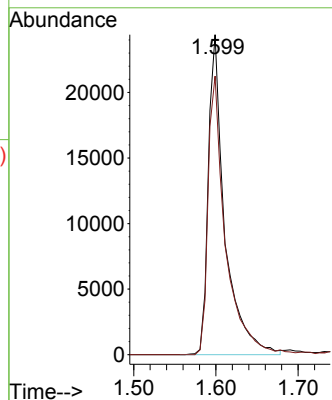
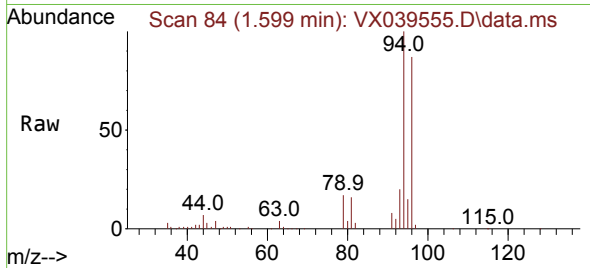




#5
Bromomethane
Concen: 35.707 ug/l
RT: 1.599 min Scan# 84
Delta R.T. -0.000 min
Lab File: VX039555.D
Acq: 29 Dec 2023 18:57

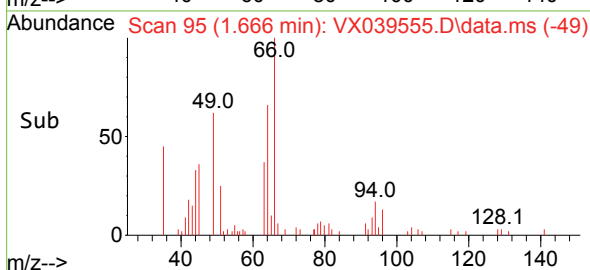
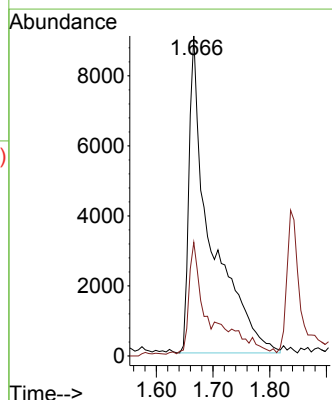
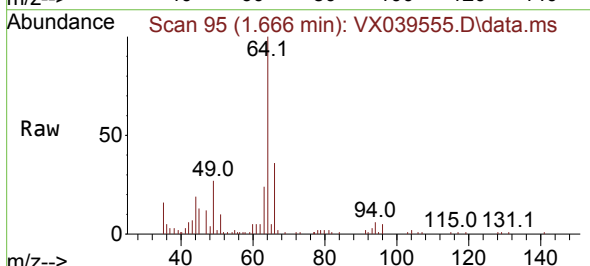
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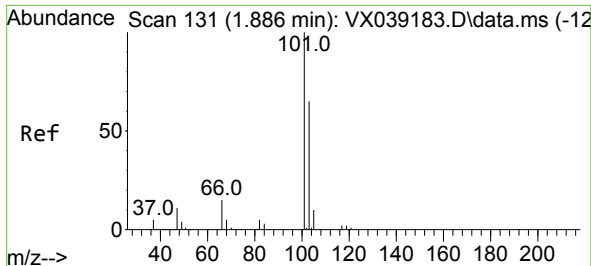
Tgt Ion: 94 Resp: 33944
Ion Ratio Lower Upper
94 100
96 87.1 74.6 111.8



#6
Chloroethane
Concen: 23.913 ug/l
RT: 1.666 min Scan# 95
Delta R.T. -0.018 min
Lab File: VX039555.D
Acq: 29 Dec 2023 18:57

Tgt Ion: 64 Resp: 23811
Ion Ratio Lower Upper
64 100
66 34.3 25.1 37.7

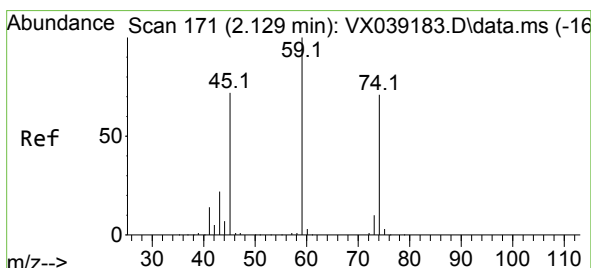
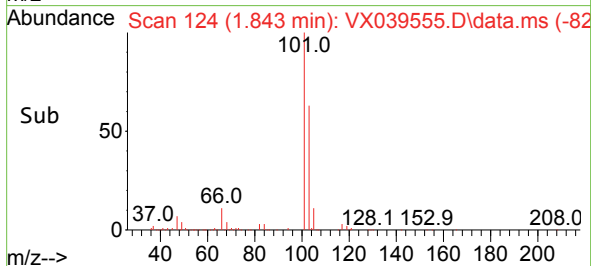
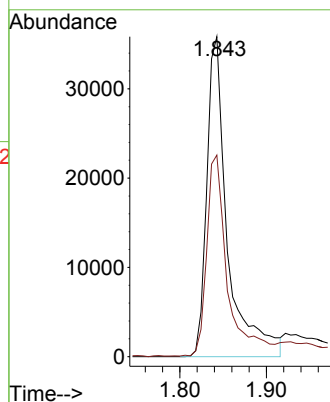
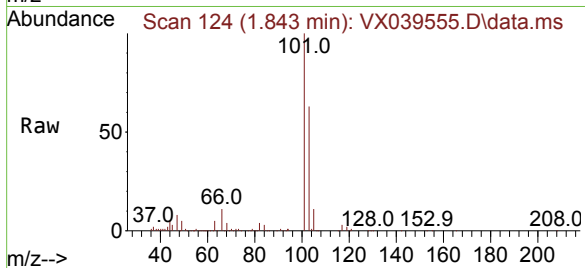




#7
Trichlorofluoromethane
Concen: 24.568 ug/l
RT: 1.843 min Scan# 11
Delta R.T. -0.043 min
Lab File: VX039555.D
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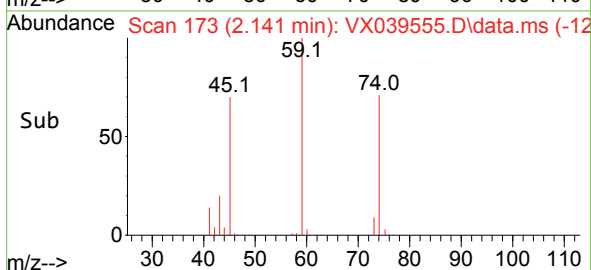
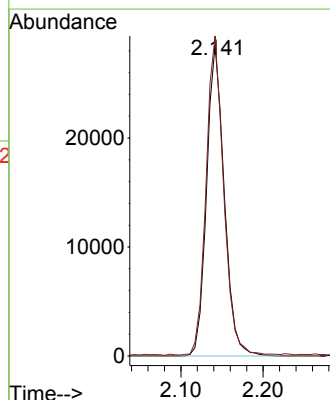
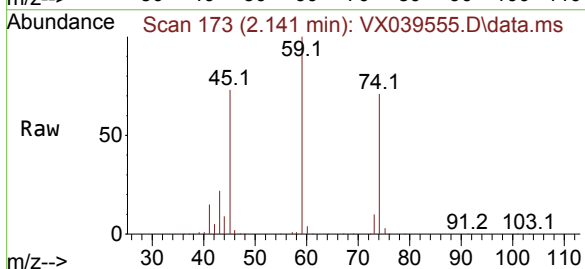
Instrument :
MSVOA_X
ClientSampleId :
SB32-2-20231222-7.5-8.5MSD

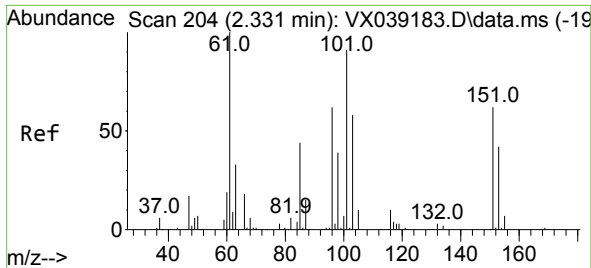
Tgt Ion:101 Resp: 59443
Ion Ratio Lower Upper
101 100
103 62.8 51.4 77.2



#8
Diethyl Ether
Concen: 50.701 ug/l
RT: 2.141 min Scan# 173
Delta R.T. 0.012 min
Lab File: VX039555.D
Acq: 29 Dec 2023 18:57

Tgt Ion: 74 Resp: 42456
Ion Ratio Lower Upper
74 100
45 102.3 53.3 159.8

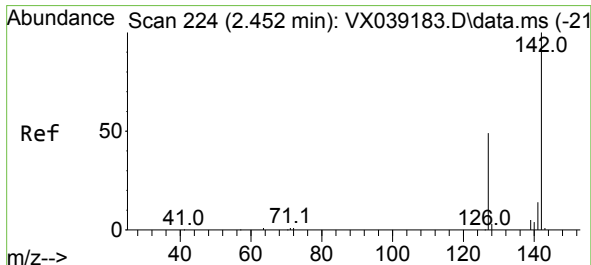
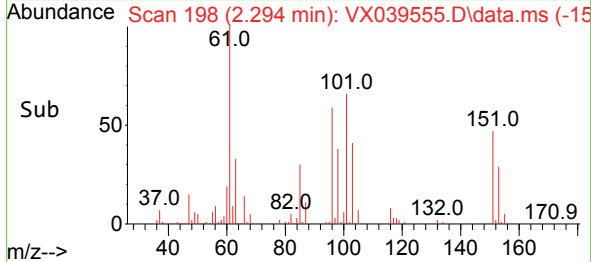
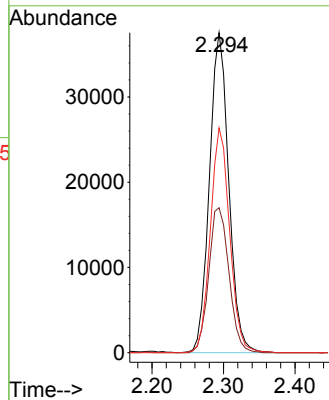
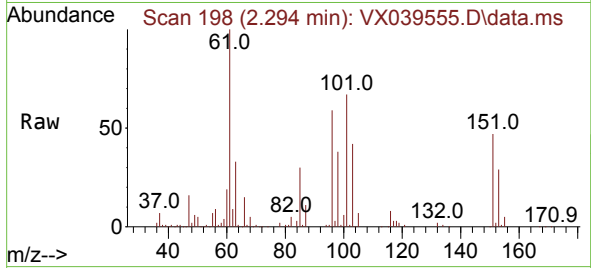




#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.690 ug/l
RT: 2.294 min Scan# 198
Delta R.T. -0.037 min
Lab File: VX039555.D
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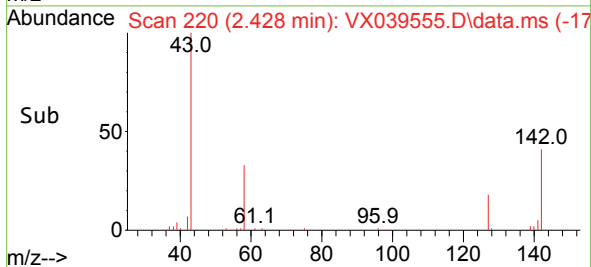
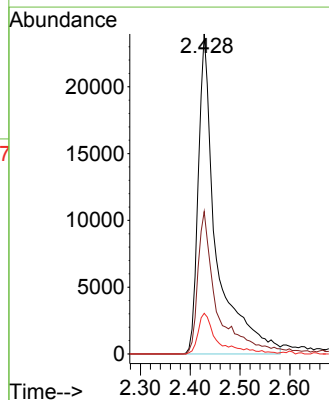
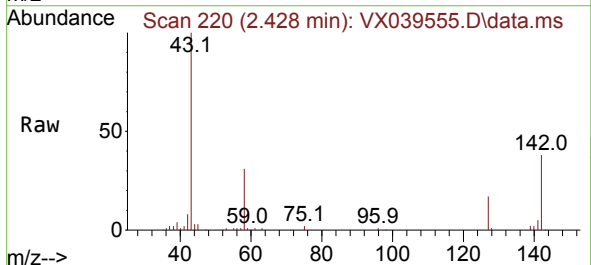
Instrument :
MSVOA_X
ClientSampleId :
SB32-2-20231222-7.5-8.5MSD

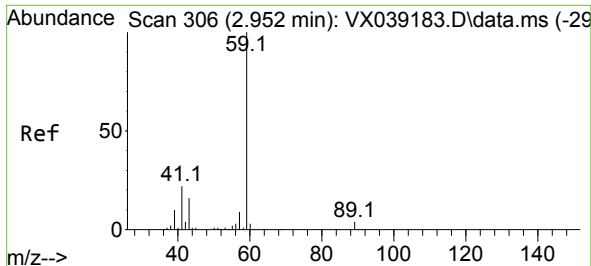
Tgt Ion:101	Resp:	70413
Ion Ratio	Lower	Upper
101	100	
85	47.5	37.0 55.6
151	70.4	58.6 87.8



#10
Methyl Iodide
Concen: 39.620 ug/l
RT: 2.428 min Scan# 220
Delta R.T. -0.025 min
Lab File: VX039555.D
Acq: 29 Dec 2023 18:57

Tgt Ion:142	Resp:	60464
Ion Ratio	Lower	Upper
142	100	
127	48.2	41.6 62.4
141	13.7	11.6 17.4

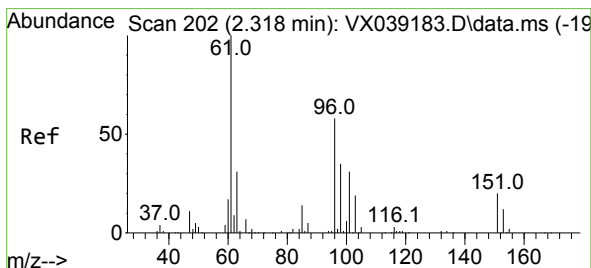
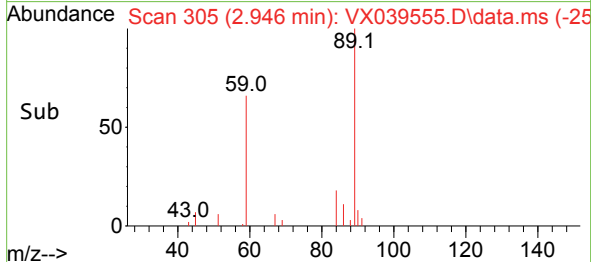
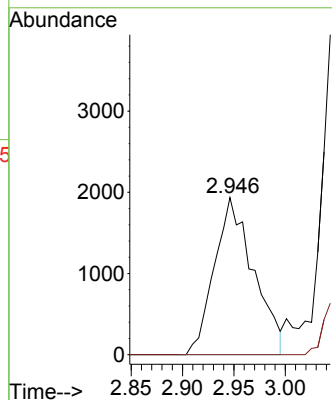
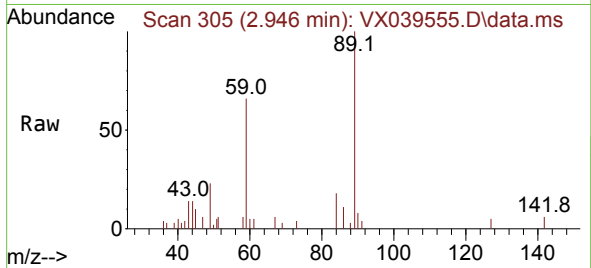




#11
Tert butyl alcohol
Concen: 9.782 ug/l
RT: 2.946 min Scan# 306
Delta R.T. -0.006 min
Lab File: VX039555.D
Acq: 29 Dec 2023 18:57

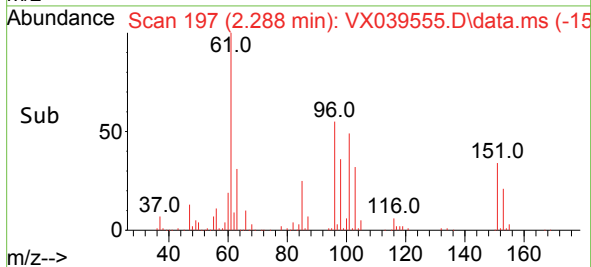
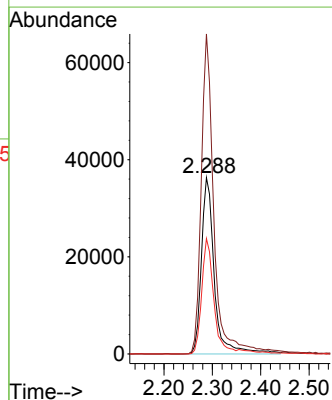
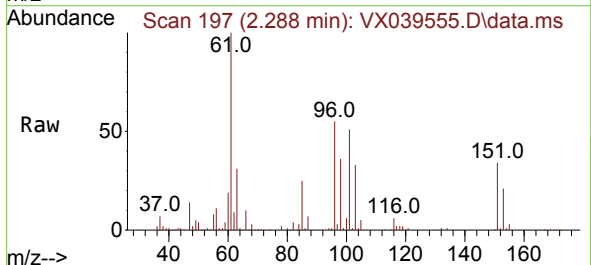
Instrument :
MSVOA_X
ClientSampleId :
SB32-2-20231222-7.5-8.5MSD

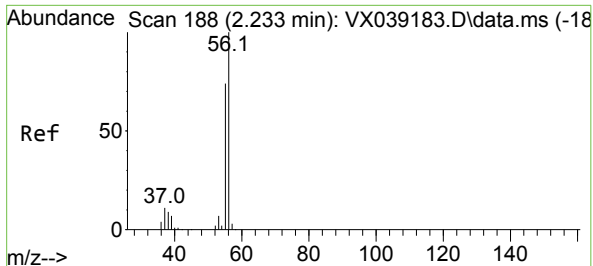
Tgt Ion: 59 Resp: 5132
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#



#12
1,1-Dichloroethene
Concen: 46.332 ug/l
RT: 2.288 min Scan# 197
Delta R.T. -0.031 min
Lab File: VX039555.D
Acq: 29 Dec 2023 18:57

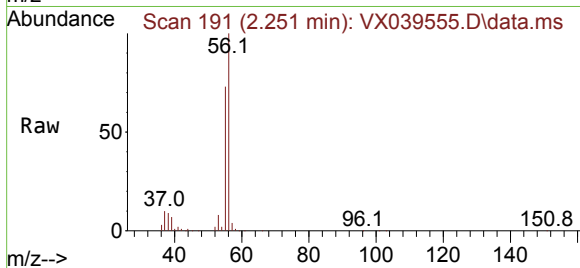
Tgt Ion: 96 Resp: 67950
Ion Ratio Lower Upper
96 100
61 181.5 144.6 216.8
98 65.4 50.4 75.6



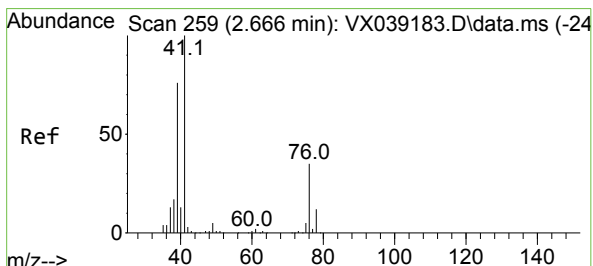
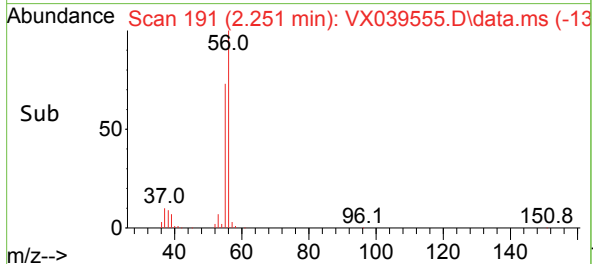
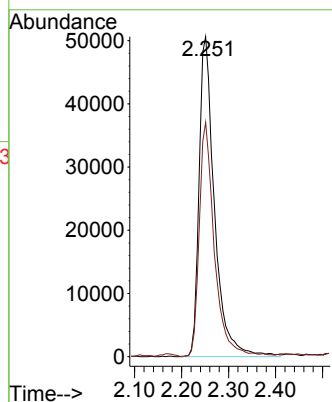


#13
Acrolein
Concen: 275.889 ug/l
RT: 2.251 min Scan# 191
Delta R.T. 0.018 min
Lab File: VX039555.D
Acq: 29 Dec 2023 18:57

Instrument :
MSVOA_X
ClientSampleId :
SB32-2-20231222-7.5-8.5MSD

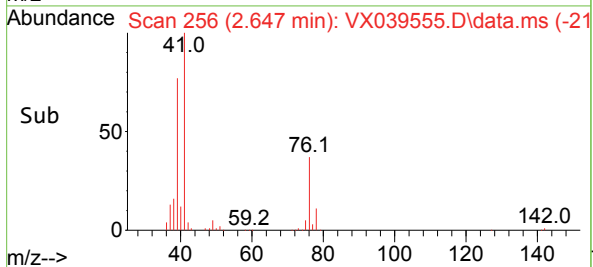
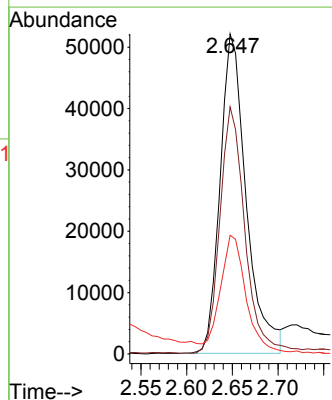
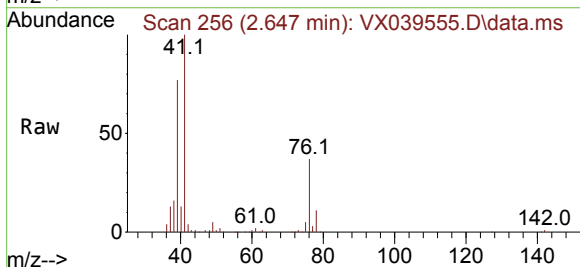


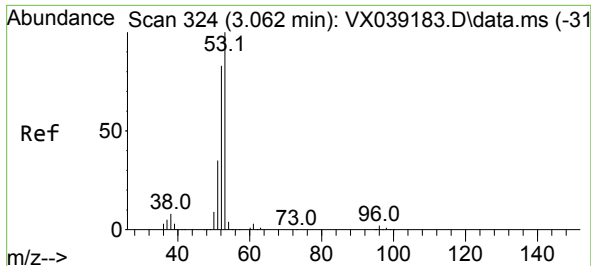
Tgt Ion: 56 Resp: 115472
Ion Ratio Lower Upper
56 100
55 71.1 57.1 85.7



#14
Allyl chloride
Concen: 34.896 ug/l
RT: 2.647 min Scan# 256
Delta R.T. -0.018 min
Lab File: VX039555.D
Acq: 29 Dec 2023 18:57

Tgt Ion: 41 Resp: 103675
Ion Ratio Lower Upper
41 100
39 75.4 55.8 83.6
76 37.0 24.3 36.5

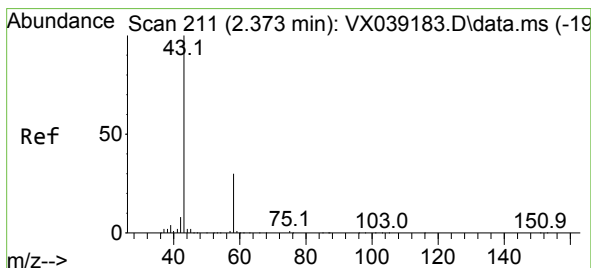
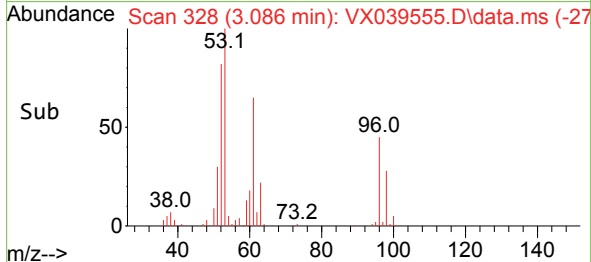
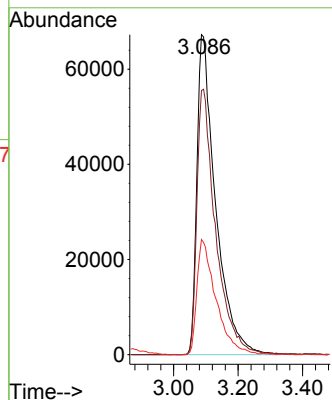
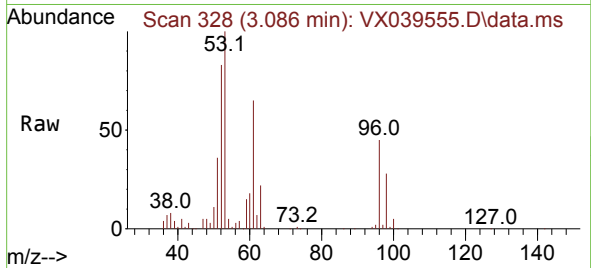




#15
Acrylonitrile
Concen: 258.184 ug/l
RT: 3.086 min Scan# 31
Delta R.T. 0.024 min
Lab File: VX039555.D
Acq: 29 Dec 2023 18:57

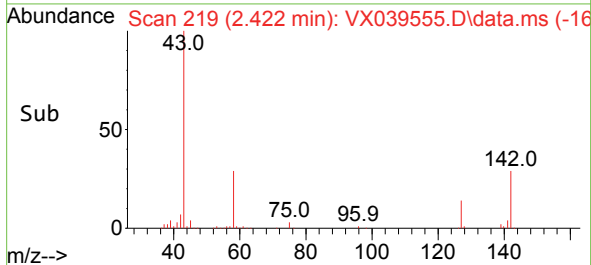
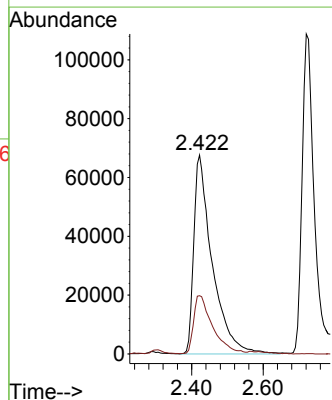
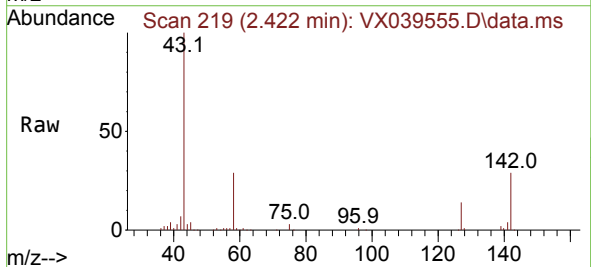
Instrument :
MSVOA_X
ClientSampleId :
SB32-2-20231222-7.5-8.5MSD

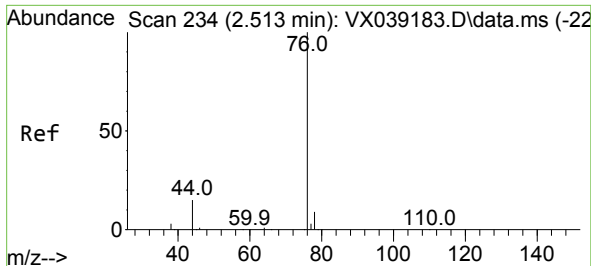
Tgt Ion: 53 Resp: 271131
Ion Ratio Lower Upper
53 100
52 82.8 66.0 99.0
51 36.6 29.8 44.6



#16
Acetone
Concen: 194.911 ug/l
RT: 2.422 min Scan# 219
Delta R.T. 0.049 min
Lab File: VX039555.D
Acq: 29 Dec 2023 18:57

Tgt Ion: 43 Resp: 242666
Ion Ratio Lower Upper
43 100
58 29.2 21.9 32.9





#17

Carbon Disulfide

Concen: 39.074 ug/l

RT: 2.483 min Scan# 21

Delta R.T. -0.031 min

Lab File: VX039555.D

Acq: 29 Dec 2023 18:57

Instrument :

MSVOA_X

ClientSampleId :

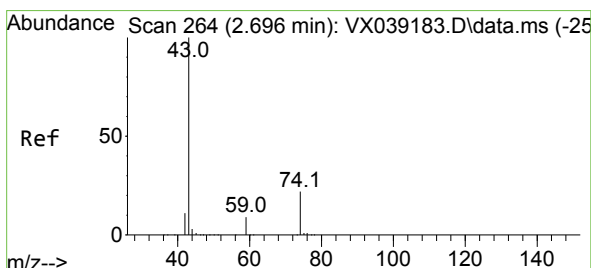
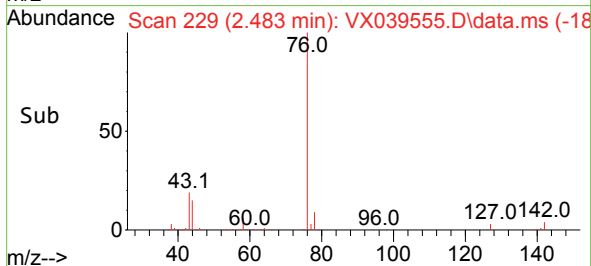
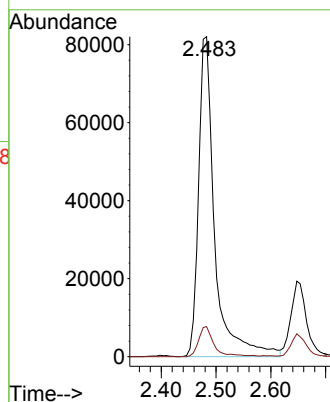
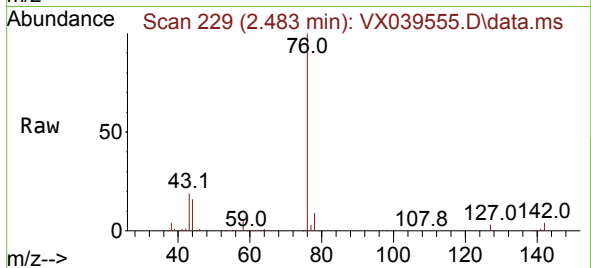
SB32-2-20231222-7.5-8.5MSD

Tgt Ion: 76 Resp: 167698

Ion Ratio Lower Upper

76 100

78 9.4 7.0 10.6



#18

Methyl Acetate

Concen: 57.396 ug/l

RT: 2.721 min Scan# 268

Delta R.T. 0.024 min

Lab File: VX039555.D

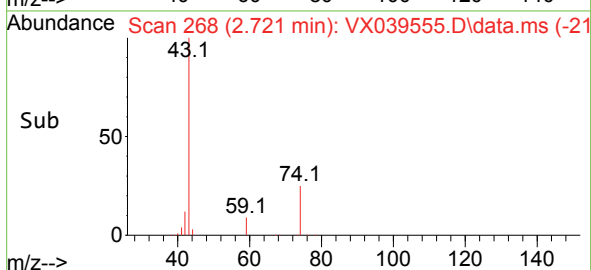
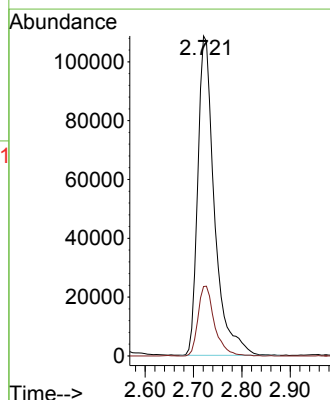
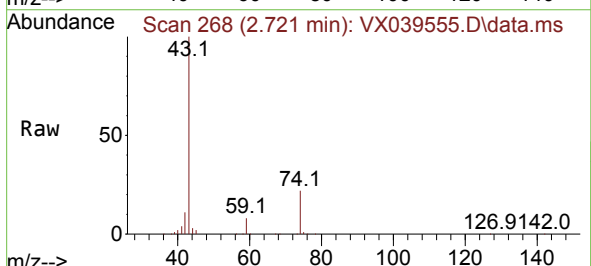
Acq: 29 Dec 2023 18:57

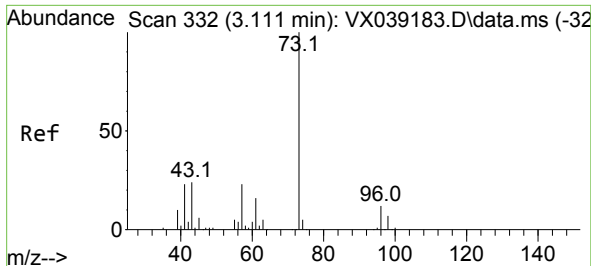
Tgt Ion: 43 Resp: 259367

Ion Ratio Lower Upper

43 100

74 21.7 17.8 26.8

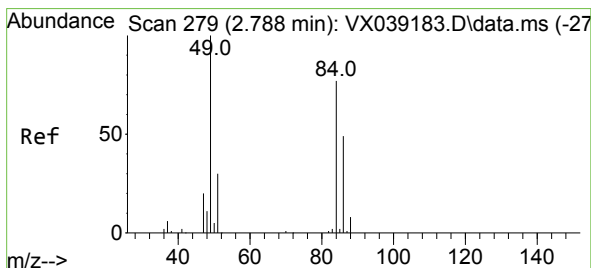
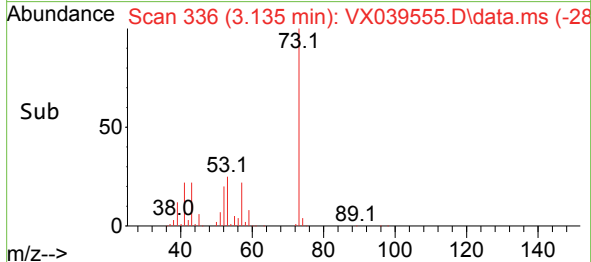
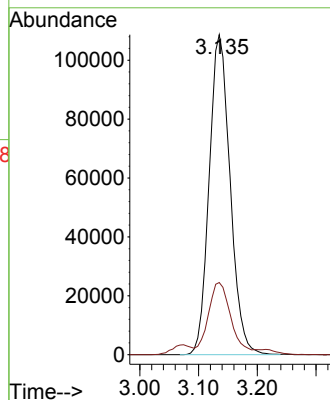
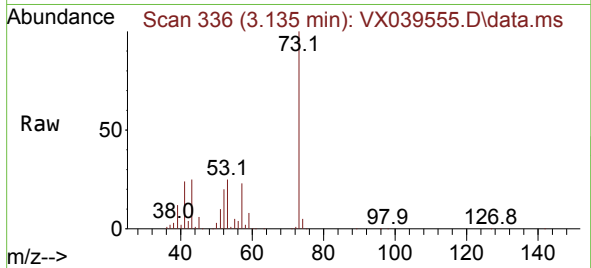




#19
Methyl tert-butyl Ether
Concen: 50.789 ug/l
RT: 3.135 min Scan# 31
Delta R.T. 0.024 min
Lab File: VX039555.D
Acq: 29 Dec 2023 18:57

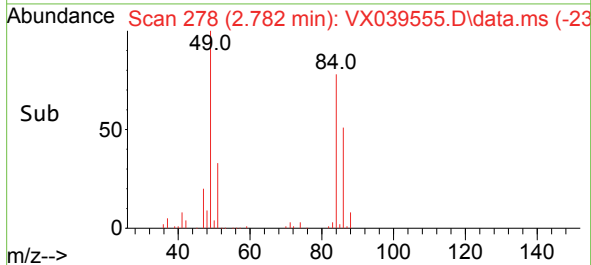
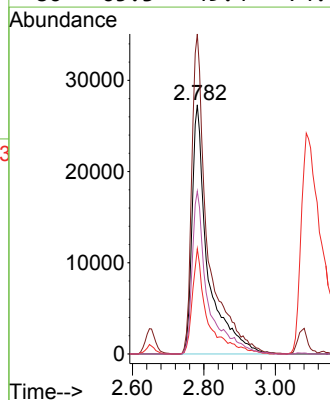
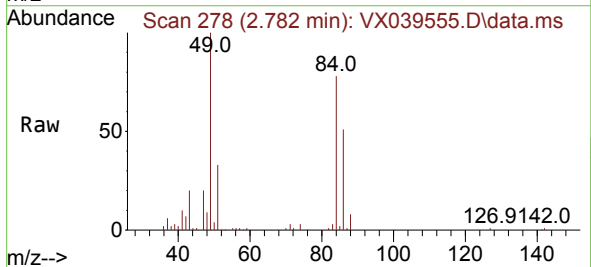
Instrument :
MSVOA_X
ClientSampleId :
SB32-2-20231222-7.5-8.5MSD

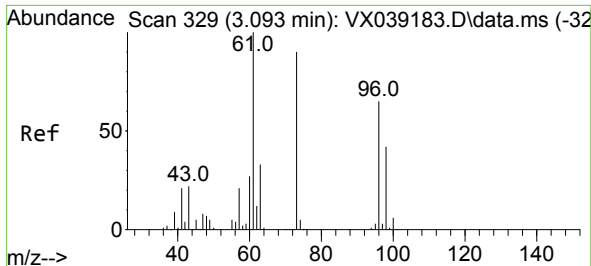
Tgt Ion: 73 Resp: 269390
Ion Ratio Lower Upper
73 100
57 21.9 17.3 25.9



#20
Methylene Chloride
Concen: 47.986 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.006 min
Lab File: VX039555.D
Acq: 29 Dec 2023 18:57

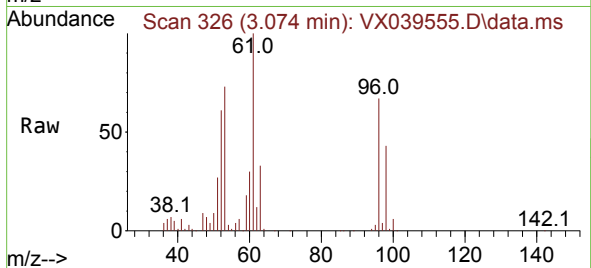
Tgt Ion: 84 Resp: 83575
Ion Ratio Lower Upper
84 100
49 128.5 103.6 155.4
51 42.2 33.8 50.6
86 65.3 49.4 74.0



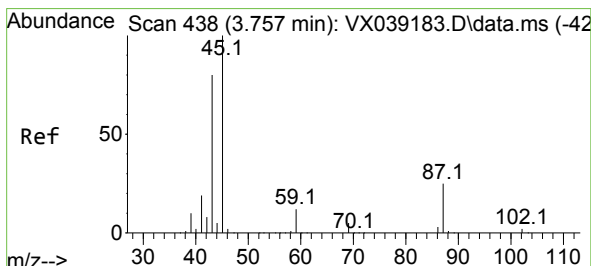
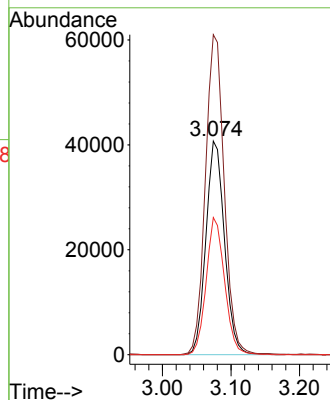
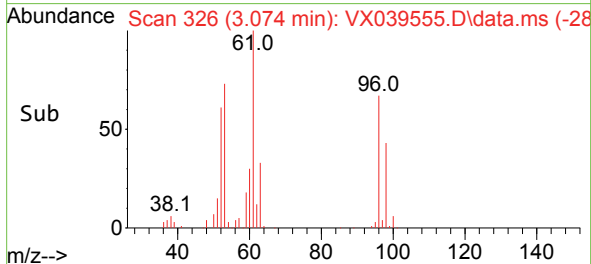


#21
trans-1,2-Dichloroethene
Concen: 48.355 ug/l
RT: 3.074 min Scan# 31
Delta R.T. -0.018 min
Lab File: VX039555.D
Acq: 29 Dec 2023 18:57

Instrument :
MSVOA_X
ClientSampleId :
SB32-2-20231222-7.5-8.5MSD

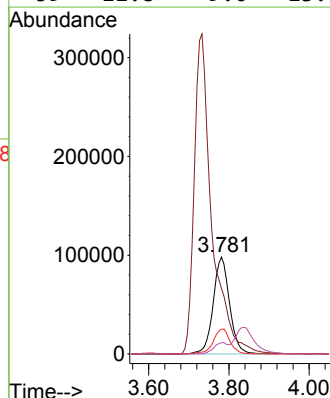
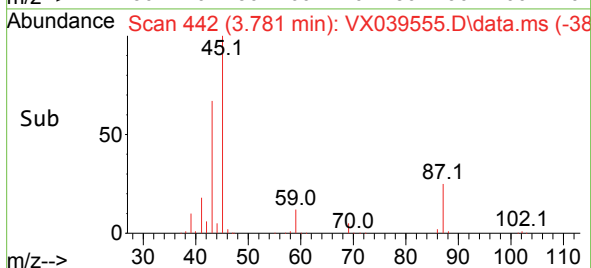
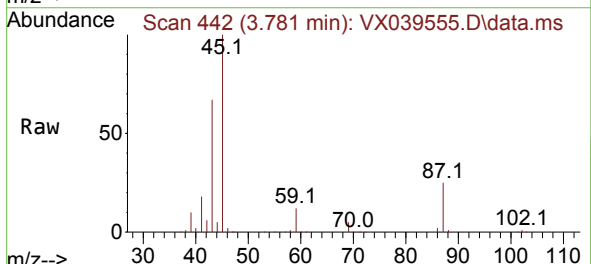


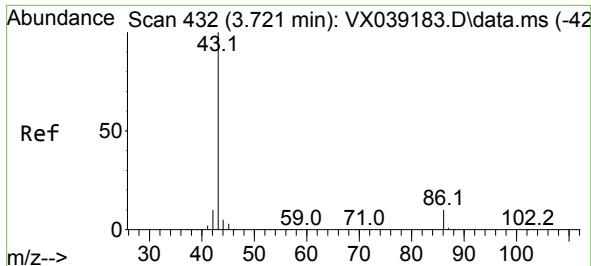
Tgt Ion: 96 Resp: 77168
Ion Ratio Lower Upper
96 100
61 149.8 119.2 178.8
98 64.2 48.7 73.1



#22
Diisopropyl ether
Concen: 51.443 ug/l
RT: 3.781 min Scan# 442
Delta R.T. 0.024 min
Lab File: VX039555.D
Acq: 29 Dec 2023 18:57

Tgt Ion: 45 Resp: 278209
Ion Ratio Lower Upper
45 100
43 67.2 69.7 104.5#
87 25.5 20.8 31.2
59 11.8 9.0 13.4

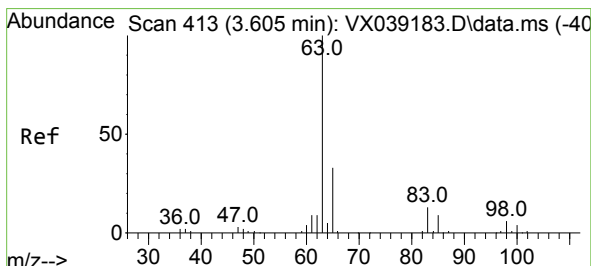
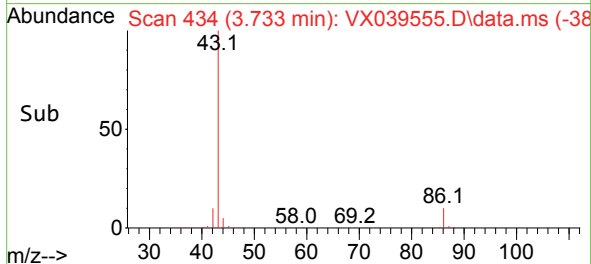
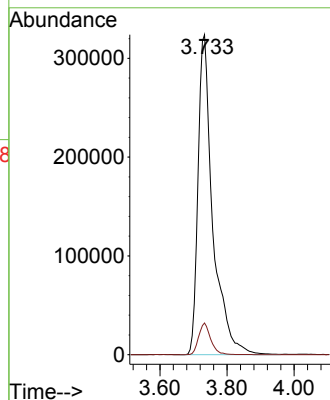
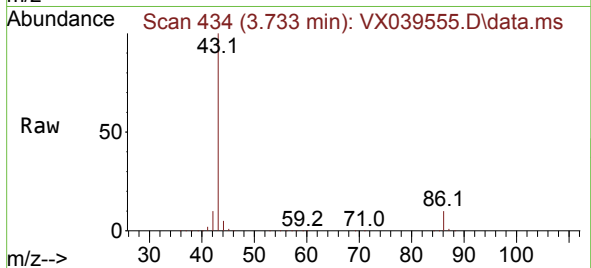




#23
Vinyl Acetate
Concen: 245.795 ug/l
RT: 3.733 min Scan# 413
Delta R.T. 0.012 min
Lab File: VX039555.D
Acq: 29 Dec 2023 18:57

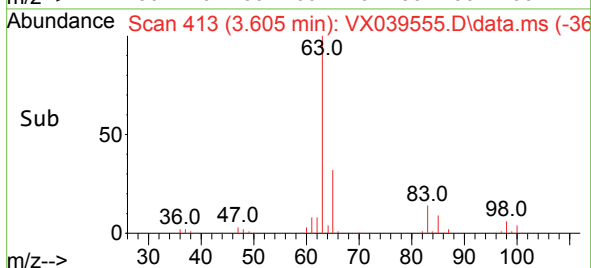
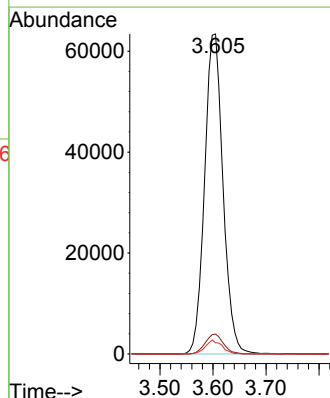
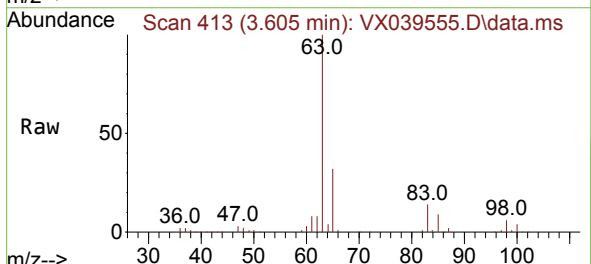
Instrument :
MSVOA_X
ClientSampleId :
SB32-2-20231222-7.5-8.5MSD

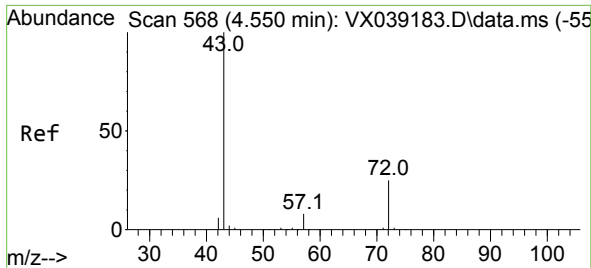
Tgt Ion: 43 Resp: 989621
Ion Ratio Lower Upper
43 100
86 9.9 7.8 11.8



#24
1,1-Dichloroethane
Concen: 50.019 ug/l
RT: 3.605 min Scan# 413
Delta R.T. -0.000 min
Lab File: VX039555.D
Acq: 29 Dec 2023 18:57

Tgt Ion: 63 Resp: 152916
Ion Ratio Lower Upper
63 100
98 6.2 3.3 9.8
100 3.5 2.1 6.5

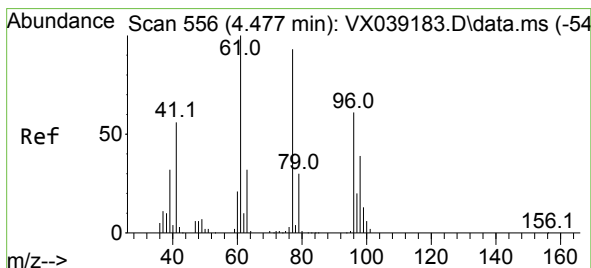
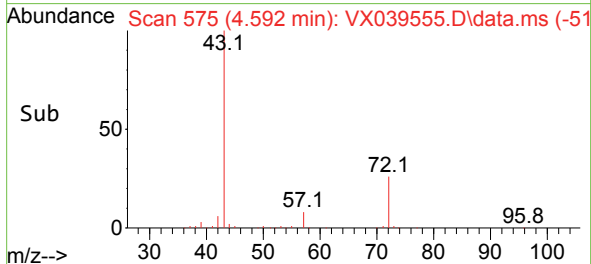
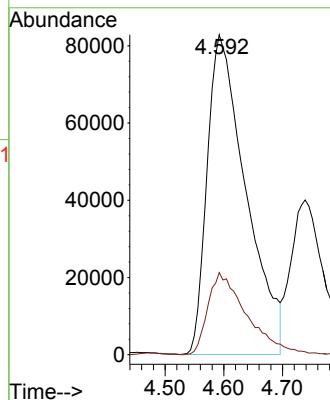
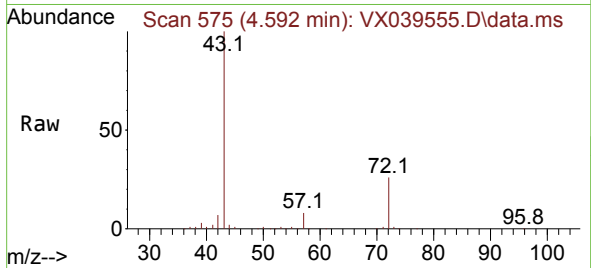




#25
2-Butanone
Concen: 210.042 ug/l
RT: 4.592 min Scan# 51
Delta R.T. 0.043 min
Lab File: VX039555.D
Acq: 29 Dec 2023 18:57

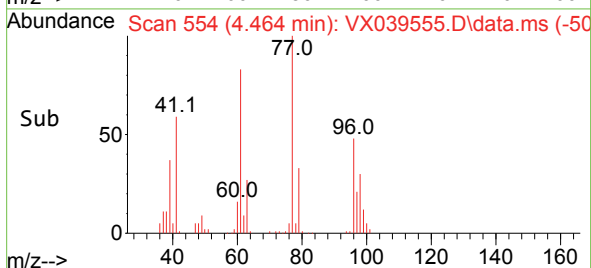
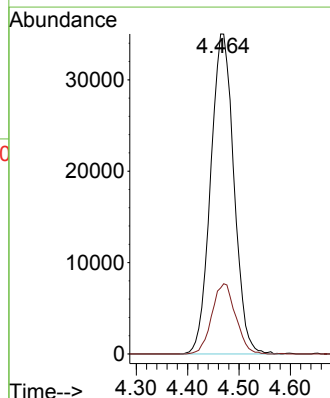
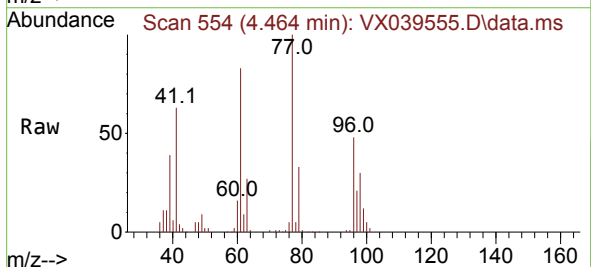
Instrument :
MSVOA_X
ClientSampleId :
SB32-2-20231222-7.5-8.5MSD

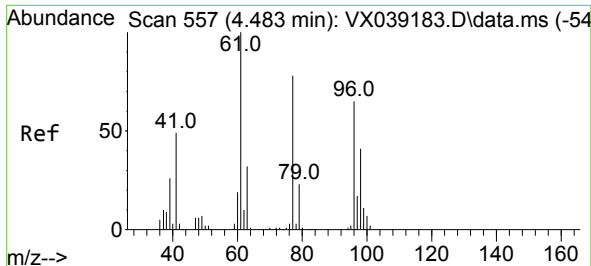
Tgt Ion: 43 Resp: 378679
Ion Ratio Lower Upper
43 100
72 25.7 19.4 29.2



#26
2,2-Dichloropropane
Concen: 41.313 ug/l
RT: 4.464 min Scan# 554
Delta R.T. -0.012 min
Lab File: VX039555.D
Acq: 29 Dec 2023 18:57

Tgt Ion: 77 Resp: 110263
Ion Ratio Lower Upper
77 100
97 22.4 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 49.490 ug/l

RT: 4.482 min Scan# 51

Delta R.T. -0.000 min

Lab File: VX039555.D

Acq: 29 Dec 2023 18:57

Instrument :

MSVOA_X

ClientSampleId :

SB32-2-20231222-7.5-8.5MSD

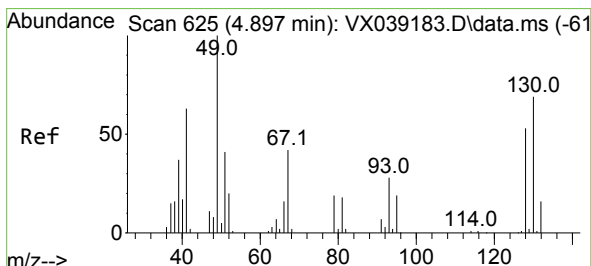
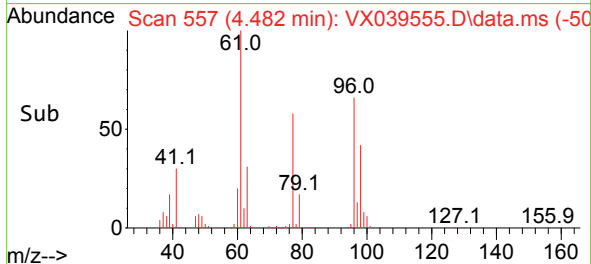
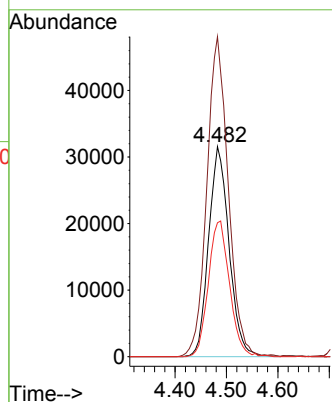
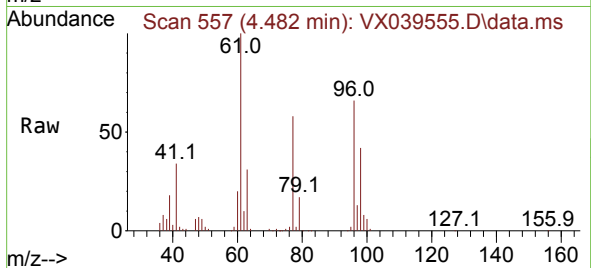
Tgt Ion: 96 Resp: 87174

Ion Ratio Lower Upper

96 100

61 159.6 0.0 312.2

98 66.9 0.0 129.0



#28

Bromochloromethane

Concen: 46.872 ug/l

RT: 4.903 min Scan# 626

Delta R.T. 0.006 min

Lab File: VX039555.D

Acq: 29 Dec 2023 18:57

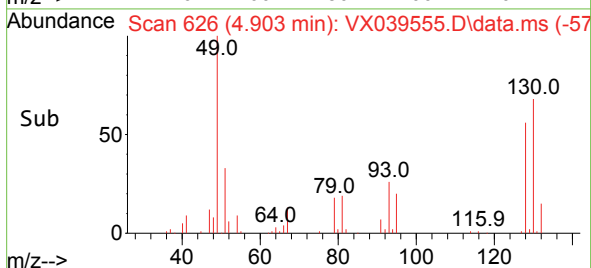
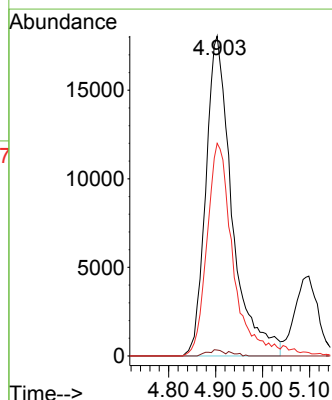
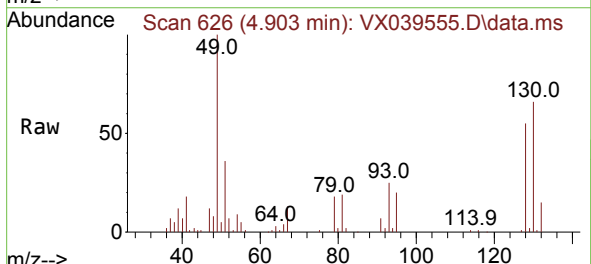
Tgt Ion: 49 Resp: 69918

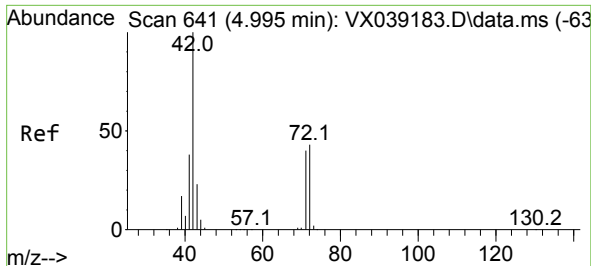
Ion Ratio Lower Upper

49 100

129 1.1 0.0 3.8

130 65.6 57.5 86.3





#29

Tetrahydrofuran

Concen: 258.280 ug/l

RT: 5.037 min Scan# 641

Delta R.T. 0.043 min

Lab File: VX039555.D

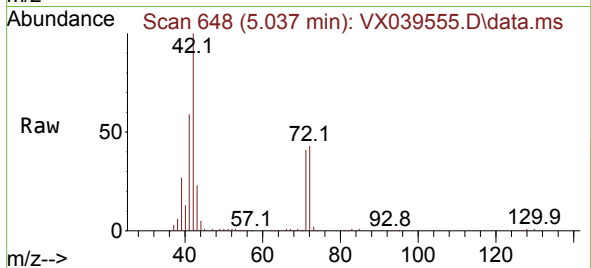
Acq: 29 Dec 2023 18:57

Instrument :

MSVOA_X

ClientSampleId :

SB32-2-20231222-7.5-8.5MSD



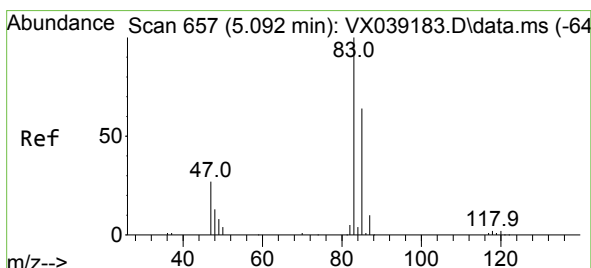
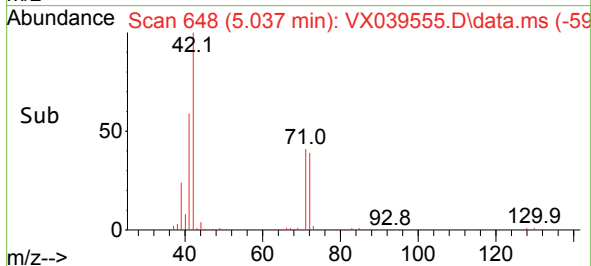
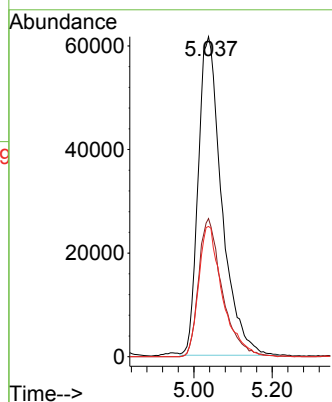
Tgt Ion: 42 Resp: 257151

Ion Ratio Lower Upper

42 100

72 43.5 34.2 51.4

71 41.6 32.2 48.2



#30

Chloroform

Concen: 48.999 ug/l

RT: 5.092 min Scan# 657

Delta R.T. -0.000 min

Lab File: VX039555.D

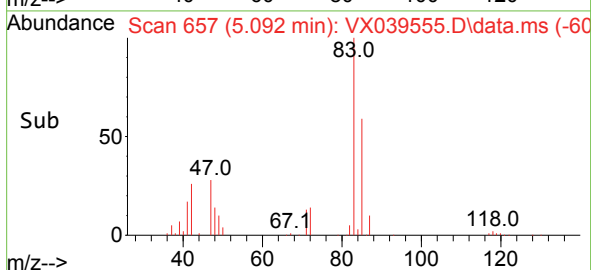
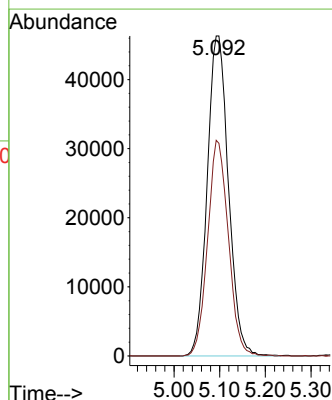
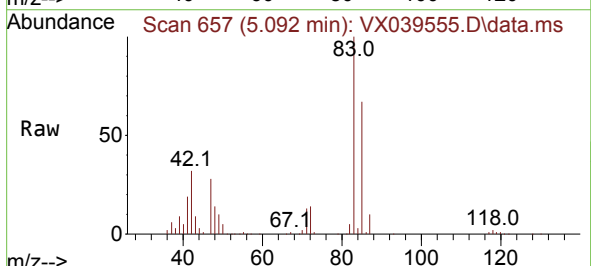
Acq: 29 Dec 2023 18:57

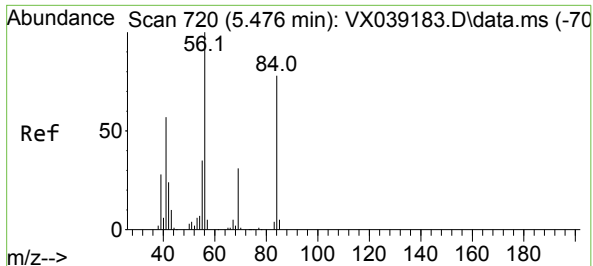
Tgt Ion: 83 Resp: 149695

Ion Ratio Lower Upper

83 100

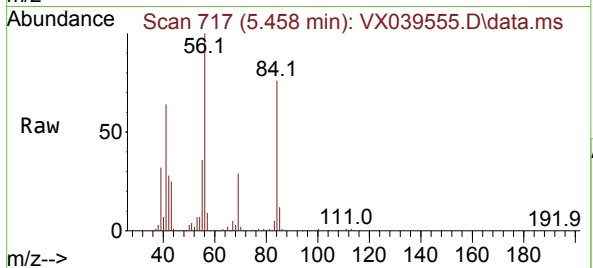
85 67.4 50.3 75.5



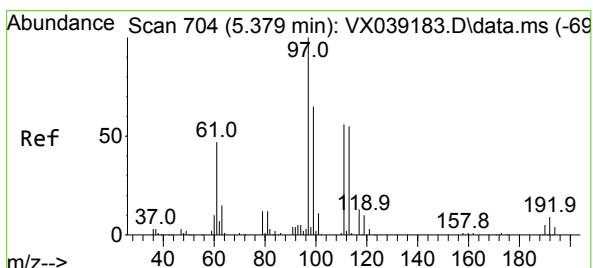
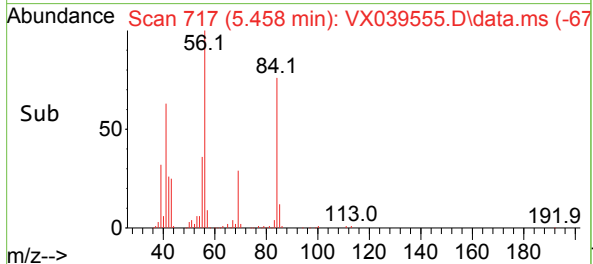
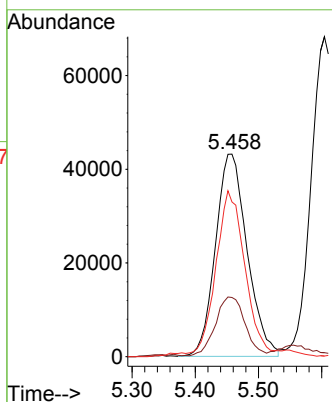


#31
Cyclohexane
Concen: 55.600 ug/l
RT: 5.458 min Scan# 717
Delta R.T. -0.018 min
Lab File: VX039555.D
Acq: 29 Dec 2023 18:57

Instrument :
MSVOA_X
ClientSampleId :
SB32-2-20231222-7.5-8.5MSD

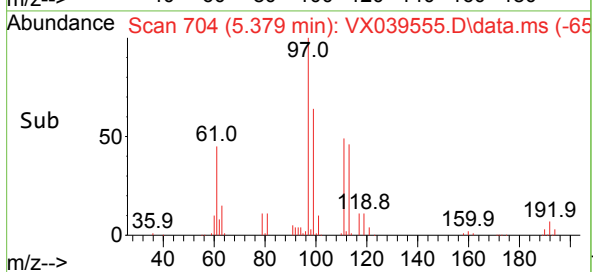
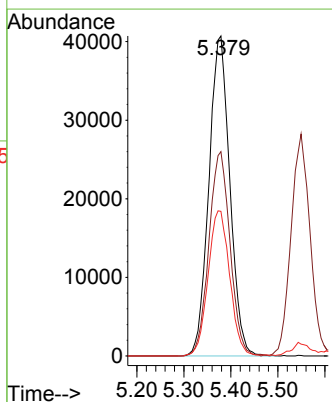
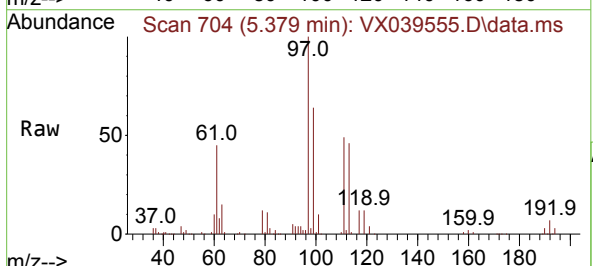


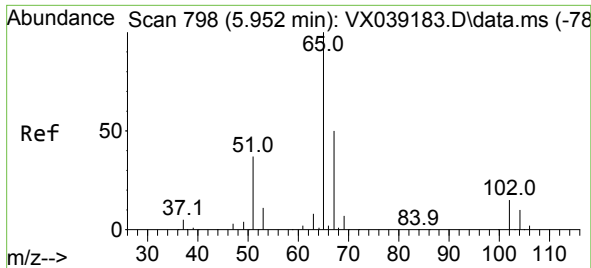
Tgt Ion:	56	Resp:	150038
Ion	Ratio	Lower	Upper
56	100		
69	28.5	23.4	35.2
84	74.9	65.9	98.9



#32
1,1,1-Trichloroethane
Concen: 47.519 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX039555.D
Acq: 29 Dec 2023 18:57

Tgt Ion:	97	Resp:	126028
Ion	Ratio	Lower	Upper
97	100		
99	64.4	51.1	76.7
61	47.0	36.4	54.6

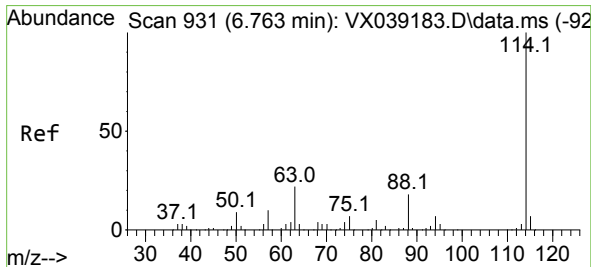
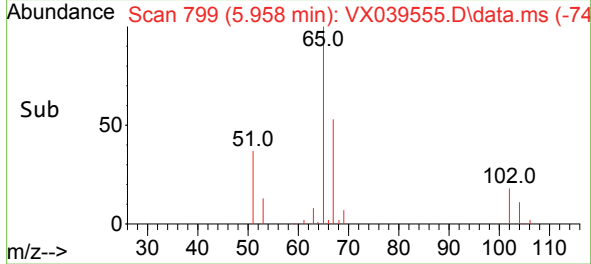
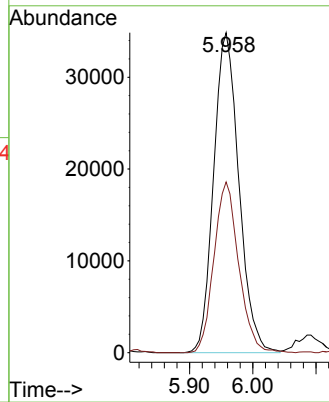
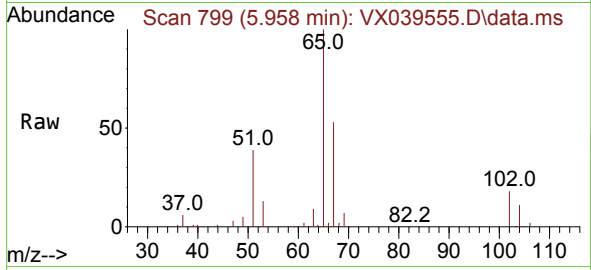




#33
1,2-Dichloroethane-d4
Concen: 46.267 ug/l
RT: 5.958 min Scan# 798
Delta R.T. 0.006 min
Lab File: VX039555.D
Acq: 29 Dec 2023 18:57

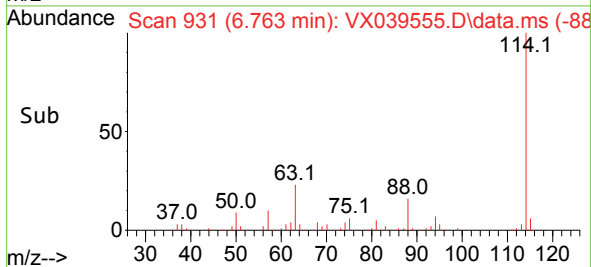
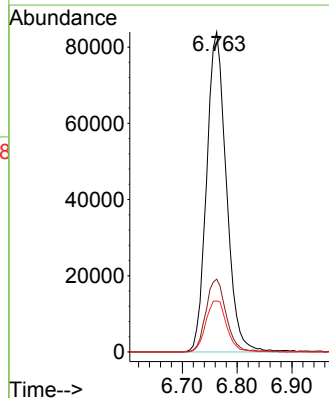
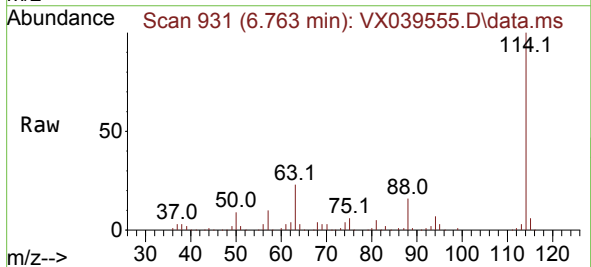
Instrument :
MSVOA_X
ClientSampleId :
SB32-2-20231222-7.5-8.5MSD

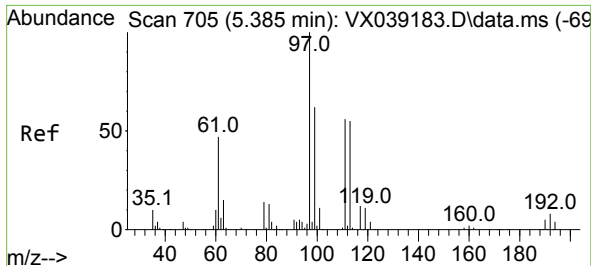
Tgt Ion: 65 Resp: 96663
Ion Ratio Lower Upper
65 100
67 52.3 0.0 100.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.000 min
Lab File: VX039555.D
Acq: 29 Dec 2023 18:57

Tgt Ion: 114 Resp: 209296
Ion Ratio Lower Upper
114 100
63 22.7 0.0 45.0
88 16.0 0.0 36.6

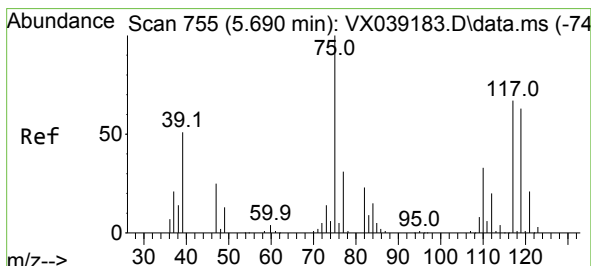
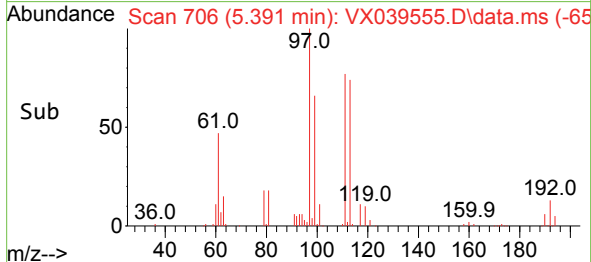
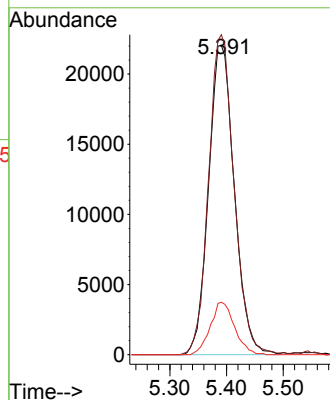
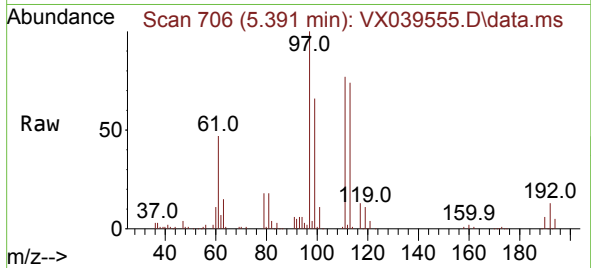




#35
Dibromofluoromethane
Concen: 48.086 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX039555.D
Acq: 29 Dec 2023 18:57

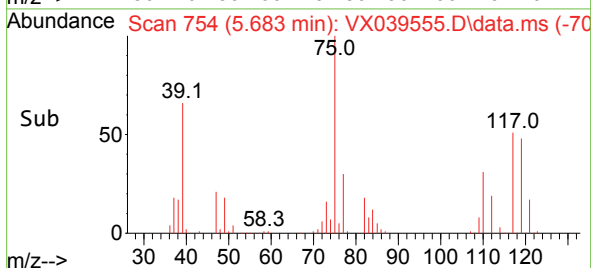
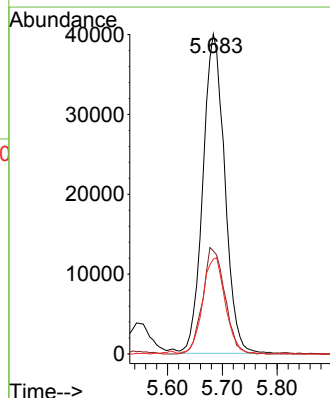
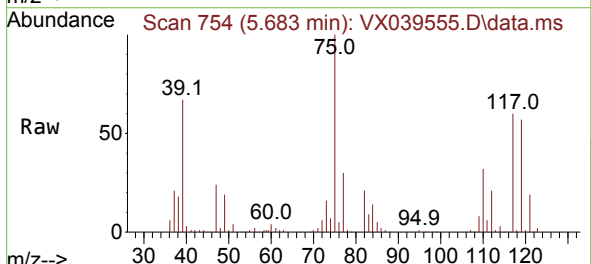
Instrument :
MSVOA_X
ClientSampleId :
SB32-2-20231222-7.5-8.5MSD

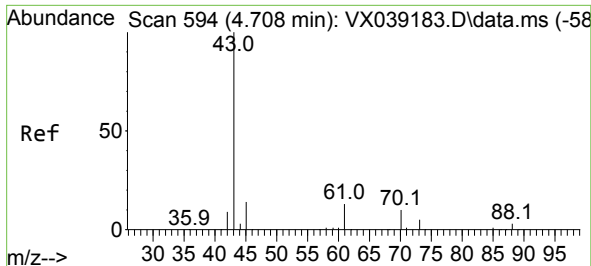
Tgt Ion:113 Resp: 69528
Ion Ratio Lower Upper
113 100
111 102.3 82.9 124.3
192 16.0 13.3 19.9



#36
1,1-Dichloropropene
Concen: 48.333 ug/l
RT: 5.683 min Scan# 754
Delta R.T. -0.006 min
Lab File: VX039555.D
Acq: 29 Dec 2023 18:57

Tgt Ion: 75 Resp: 110281
Ion Ratio Lower Upper
75 100
110 33.8 17.0 50.9
77 31.5 24.7 37.1





#37

Ethyl Acetate

Concen: 56.616 ug/l

RT: 4.739 min Scan# 51

Delta R.T. 0.030 min

Lab File: VX039555.D

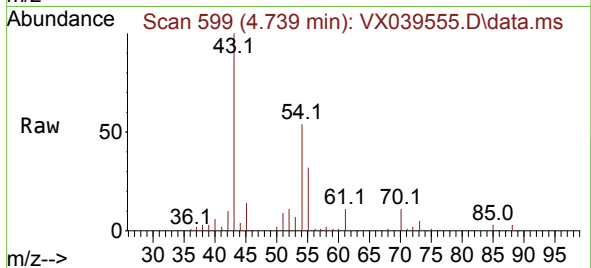
Acq: 29 Dec 2023 18:57

Instrument :

MSVOA_X

ClientSampleId :

SB32-2-20231222-7.5-8.5MSD



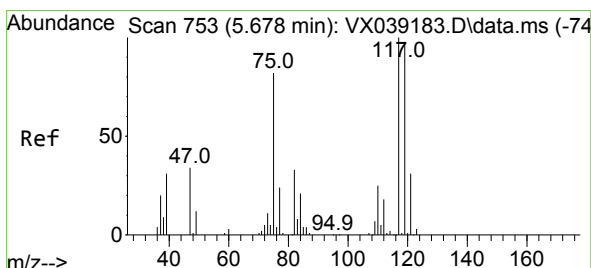
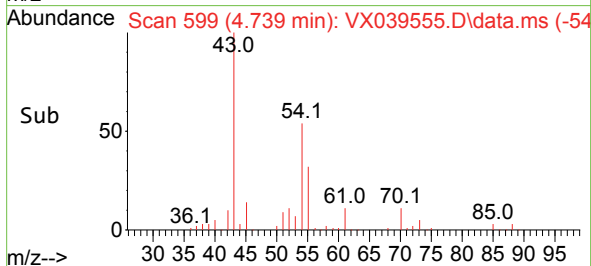
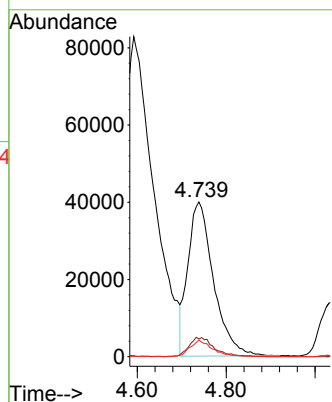
Tgt Ion: 43 Resp: 159596

Ion Ratio Lower Upper

43 100

61 12.3 10.6 16.0

70 9.5 8.3 12.5



#38

Carbon Tetrachloride

Concen: 45.578 ug/l

RT: 5.671 min Scan# 752

Delta R.T. -0.006 min

Lab File: VX039555.D

Acq: 29 Dec 2023 18:57

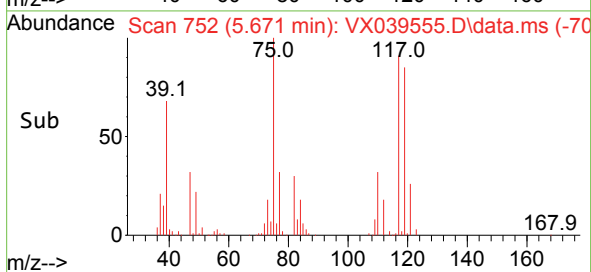
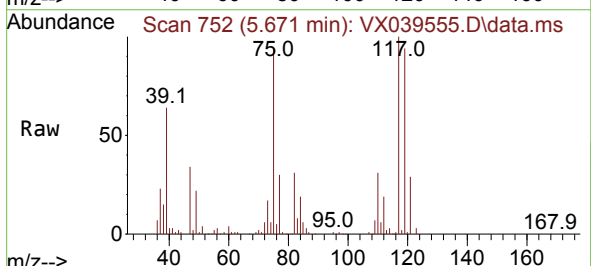
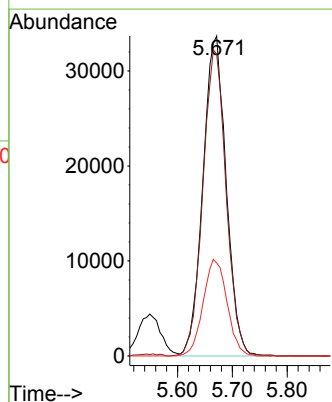
Tgt Ion:117 Resp: 99245

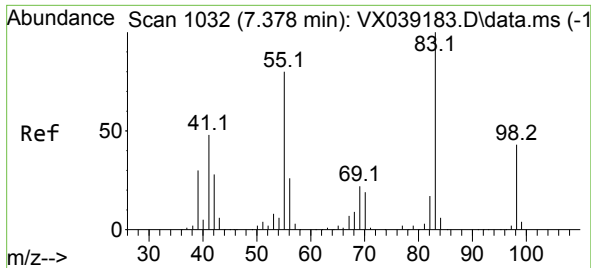
Ion Ratio Lower Upper

117 100

119 94.3 78.2 117.2

121 29.0 24.4 36.6

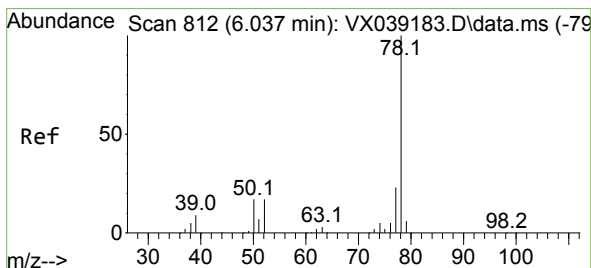
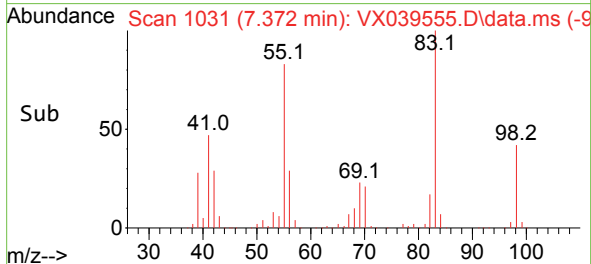
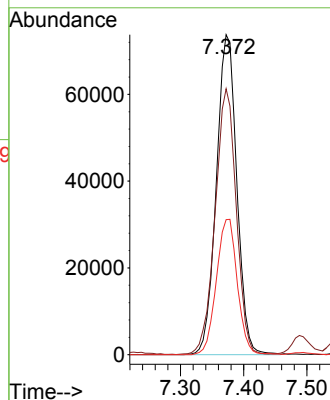
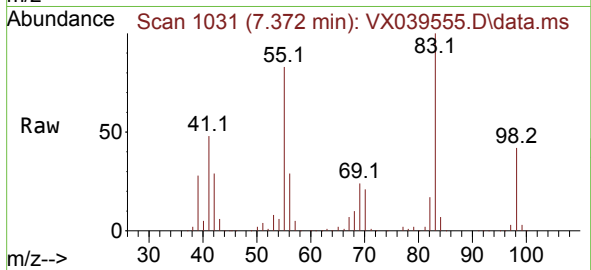




#39
Methylcyclohexane
Concen: 60.470 ug/l
RT: 7.372 min Scan# 1031
Delta R.T. -0.006 min
Lab File: VX039555.D
Acq: 29 Dec 2023 18:57

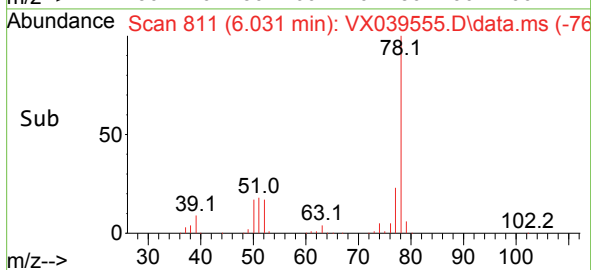
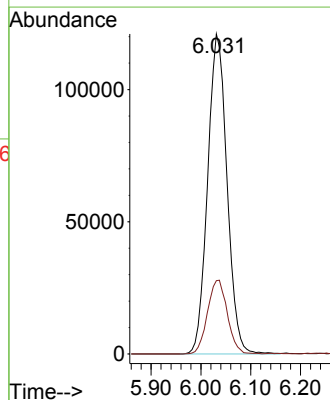
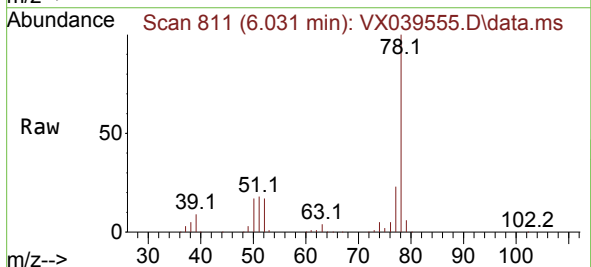
Instrument :
MSVOA_X
ClientSampleId :
SB32-2-20231222-7.5-8.5MSD

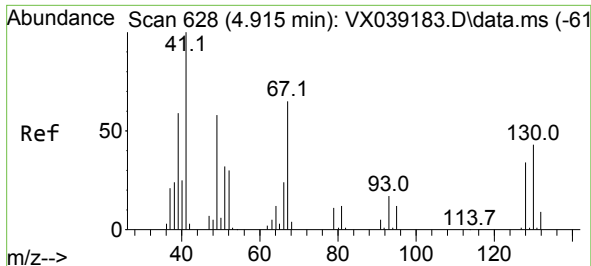
Tgt Ion: 83 Resp: 165735
Ion Ratio Lower Upper
83 100
55 82.9 64.6 97.0
98 42.2 36.7 55.1



#40
Benzene
Concen: 50.635 ug/l
RT: 6.031 min Scan# 811
Delta R.T. -0.006 min
Lab File: VX039555.D
Acq: 29 Dec 2023 18:57

Tgt Ion: 78 Resp: 326817
Ion Ratio Lower Upper
78 100
77 22.9 19.3 28.9

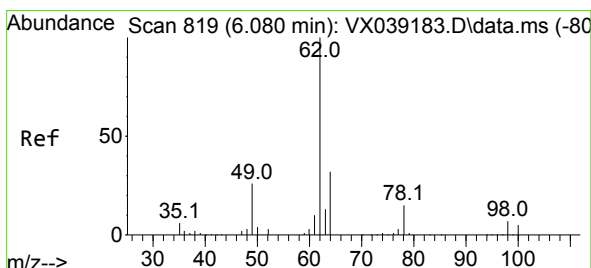
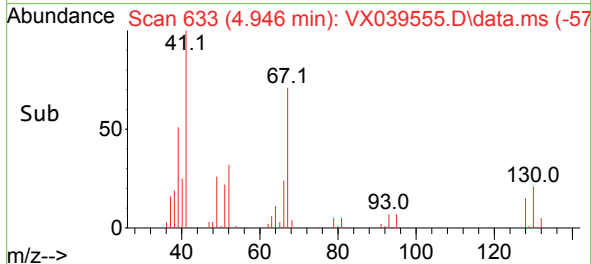
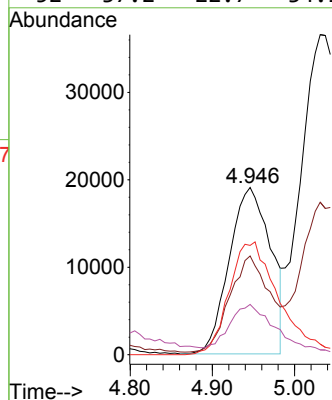
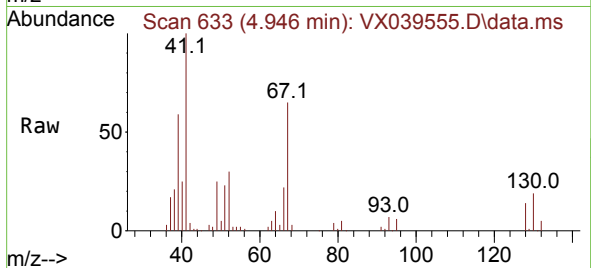




#41
Methacrylonitrile
Concen: 44.320 ug/l
RT: 4.946 min Scan# 61
Delta R.T. 0.030 min
Lab File: VX039555.D
Acq: 29 Dec 2023 18:57

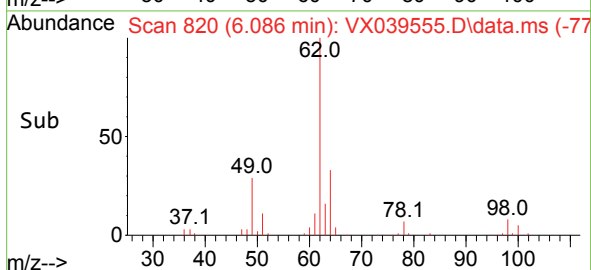
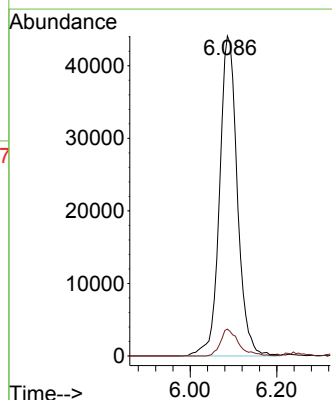
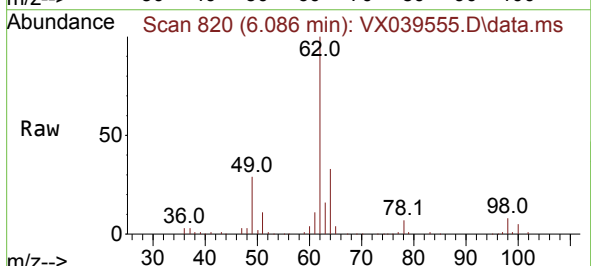
Instrument :
MSVOA_X
ClientSampleId :
SB32-2-20231222-7.5-8.5MSD

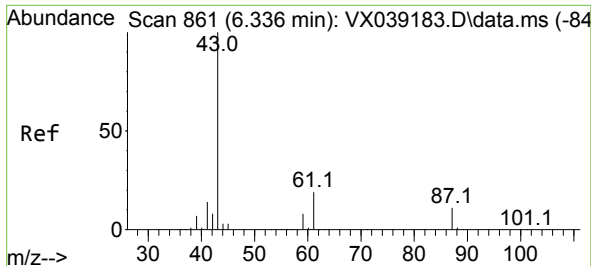
Tgt Ion:	41	Resp:	66660
Ion	Ratio	Lower	Upper
41	100		
39	54.9	45.2	67.8
67	82.3	52.6	78.8#
52	37.2	22.7	34.1#



#42
1,2-Dichloroethane
Concen: 48.250 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.006 min
Lab File: VX039555.D
Acq: 29 Dec 2023 18:57

Tgt Ion:	62	Resp:	126061
Ion	Ratio	Lower	Upper
62	100		
98	8.7	0.0	16.0





#43

Isopropyl Acetate

Concen: 50.035 ug/l

RT: 6.360 min Scan# 865

Delta R.T. 0.024 min

Lab File: VX039555.D

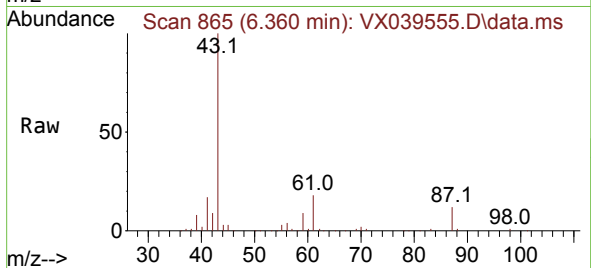
Acq: 29 Dec 2023 18:57

Instrument :

MSVOA_X

ClientSampleId :

SB32-2-20231222-7.5-8.5MSD



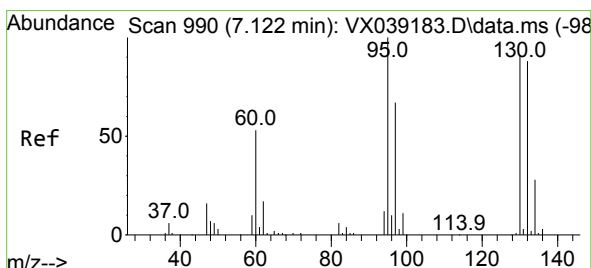
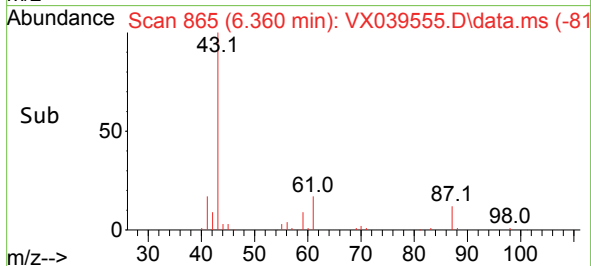
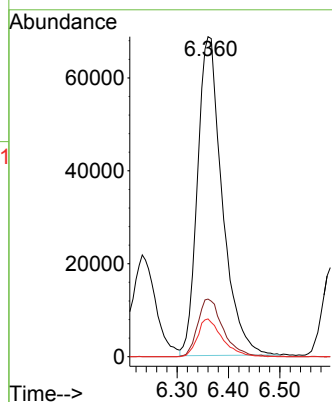
Tgt Ion: 43 Resp: 229361

Ion Ratio Lower Upper

43 100

61 18.6 15.2 22.8

87 11.8 9.8 14.6



#44

Trichloroethene

Concen: 47.551 ug/l

RT: 7.122 min Scan# 990

Delta R.T. -0.000 min

Lab File: VX039555.D

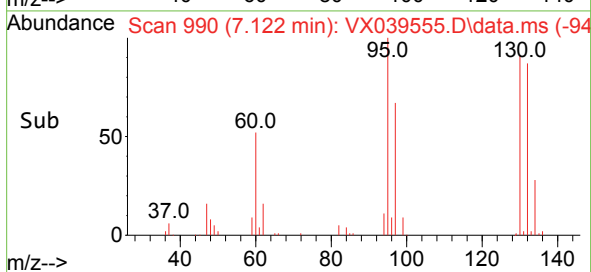
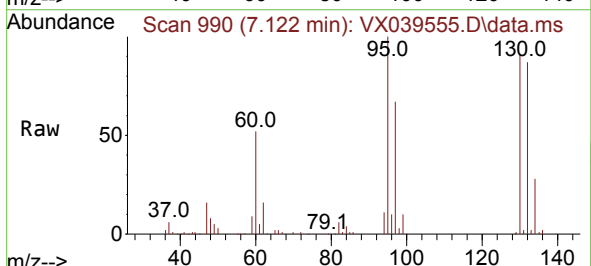
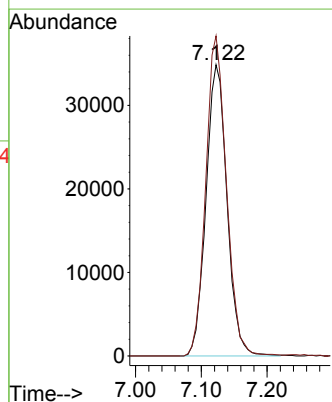
Acq: 29 Dec 2023 18:57

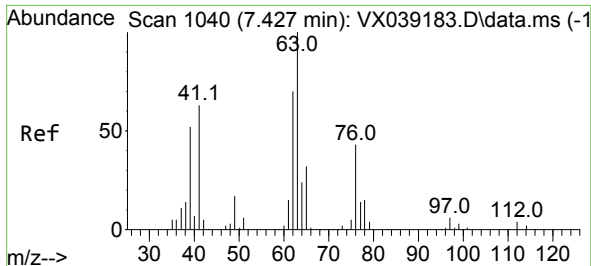
Tgt Ion:130 Resp: 77449

Ion Ratio Lower Upper

130 100

95 109.9 0.0 204.4

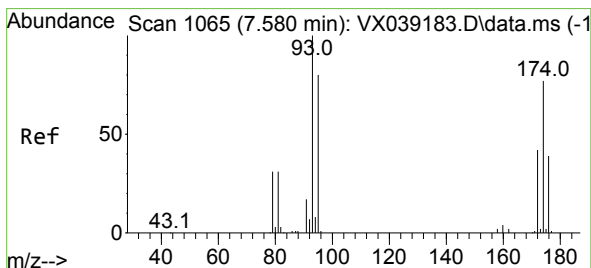
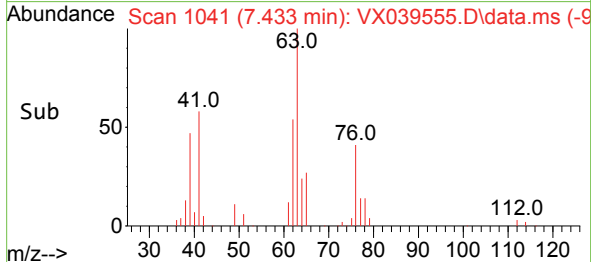
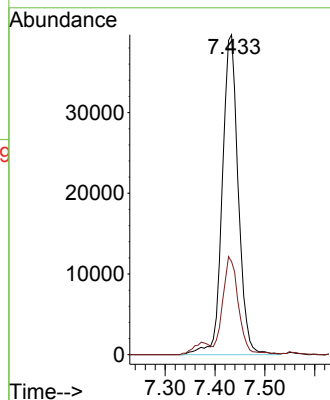
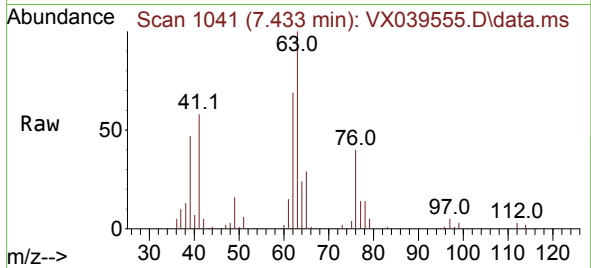




#45
1,2-Dichloropropane
Concen: 50.907 ug/l
RT: 7.433 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VX039555.D
Acq: 29 Dec 2023 18:57

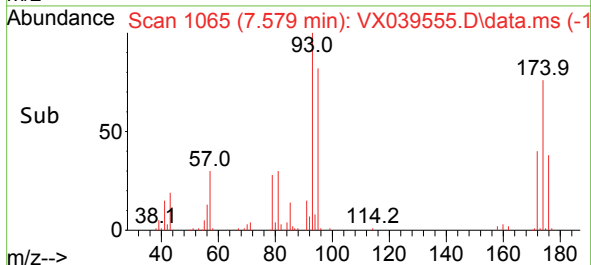
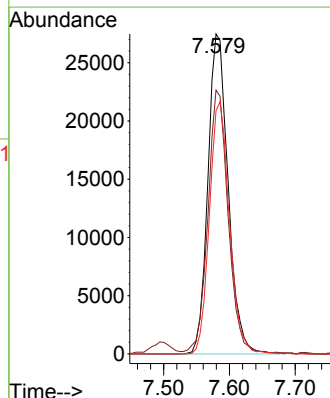
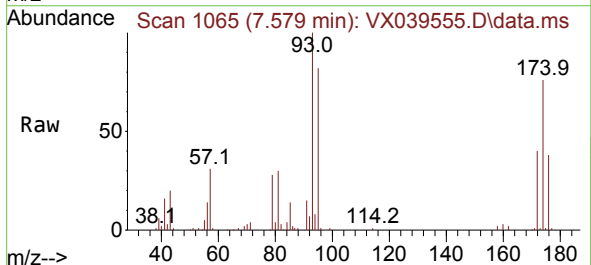
Instrument :
MSVOA_X
ClientSampleId :
SB32-2-20231222-7.5-8.5MSD

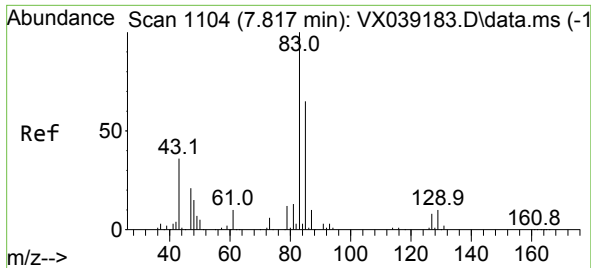
Tgt Ion: 63 Resp: 88183
Ion Ratio Lower Upper
63 100
65 29.1 24.3 36.5



#46
Dibromomethane
Concen: 48.233 ug/l
RT: 7.579 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VX039555.D
Acq: 29 Dec 2023 18:57

Tgt Ion: 93 Resp: 58732
Ion Ratio Lower Upper
93 100
95 81.8 66.6 100.0
174 78.4 69.4 104.0

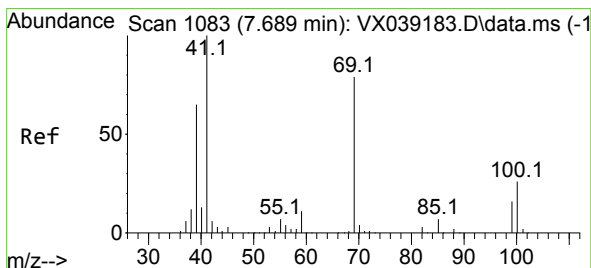
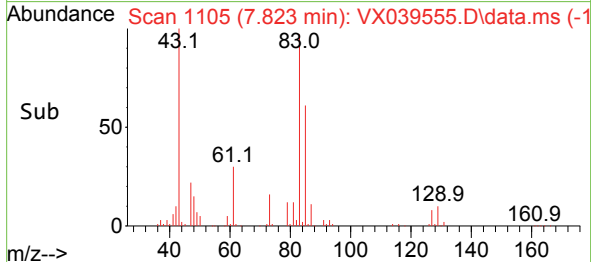
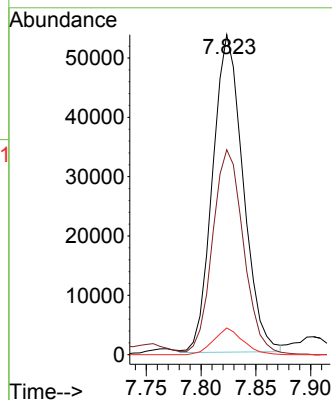
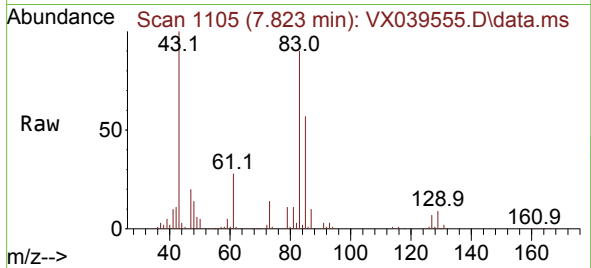




#47
Bromodichloromethane
Concen: 44.492 ug/l
RT: 7.823 min Scan# 1105
Delta R.T. 0.006 min
Lab File: VX039555.D
Acq: 29 Dec 2023 18:57

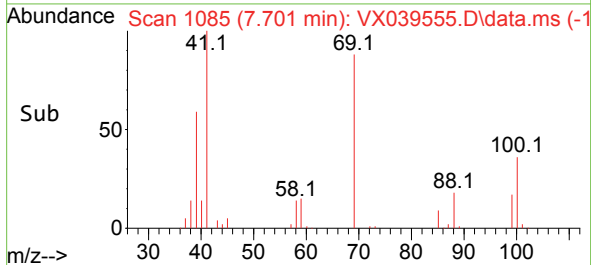
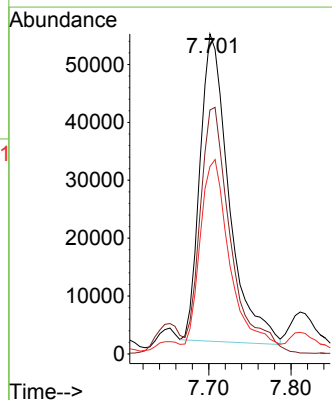
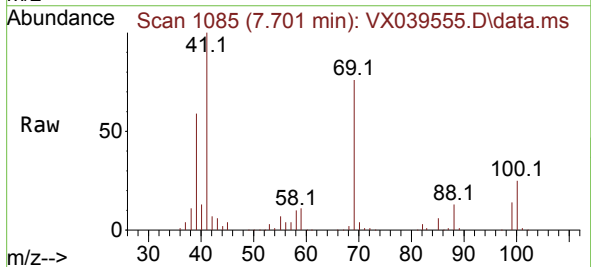
Instrument :
MSVOA_X
ClientSampleId :
SB32-2-20231222-7.5-8.5MSD

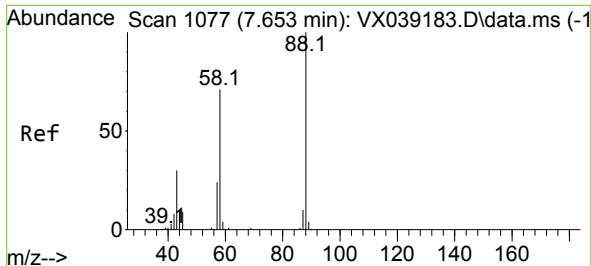
Tgt Ion: 83 Resp: 103587
Ion Ratio Lower Upper
83 100
85 64.1 49.8 74.6
127 8.4 7.1 10.7



#48
Methyl methacrylate
Concen: 48.464 ug/l
RT: 7.701 min Scan# 1085
Delta R.T. 0.012 min
Lab File: VX039555.D
Acq: 29 Dec 2023 18:57

Tgt Ion: 41 Resp: 129879
Ion Ratio Lower Upper
41 100
69 84.7 59.2 88.8
39 60.9 47.7 71.5

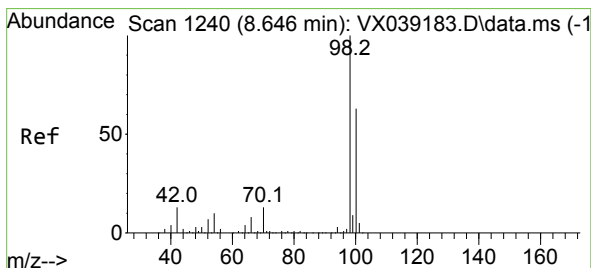
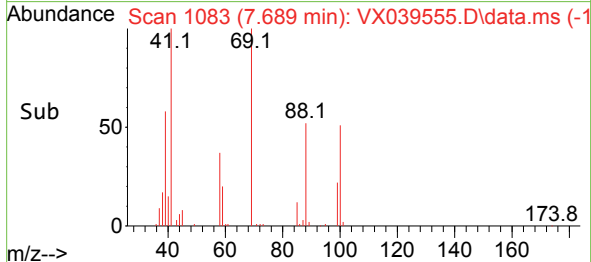
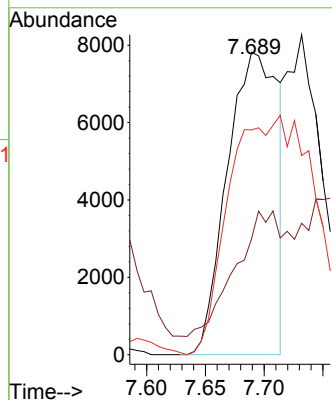
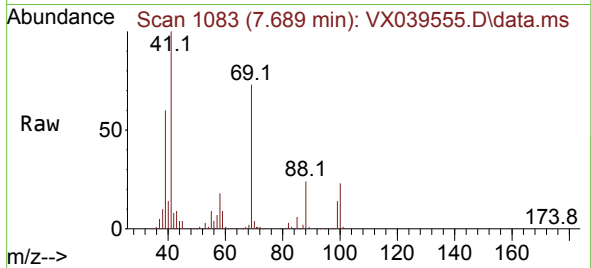




#49
1,4-Dioxane
Concen: 648.358 ug/l
RT: 7.689 min Scan# 1077
Delta R.T. 0.036 min
Lab File: VX039555.D
Acq: 29 Dec 2023 18:57

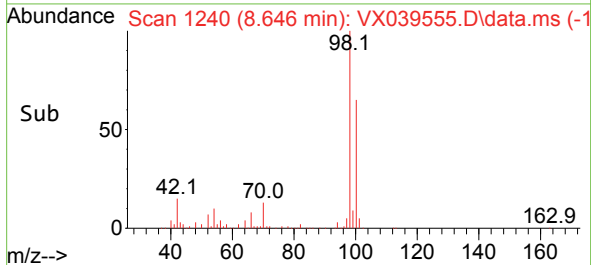
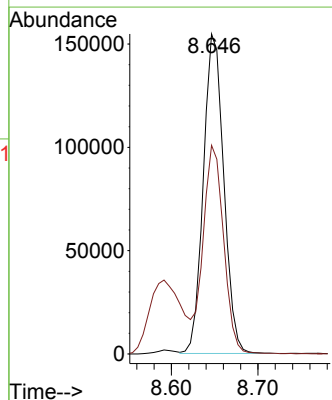
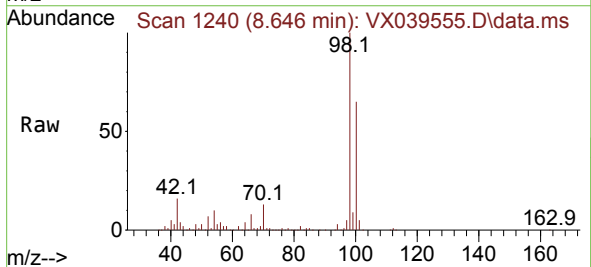
Instrument :
MSVOA_X
ClientSampleId :
SB32-2-20231222-7.5-8.5MSD

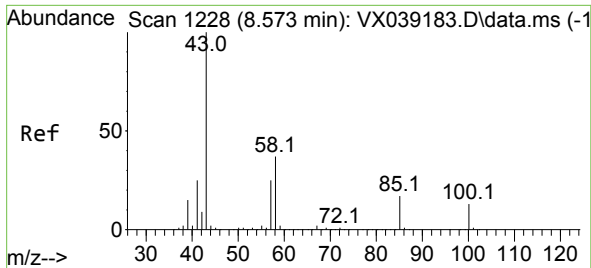
Tgt Ion: 88 Resp: 23421
Ion Ratio Lower Upper
88 100
43 43.7 0.0 0.0#
58 62.0 60.1 90.1



#50
Toluene-d8
Concen: 47.097 ug/l
RT: 8.646 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX039555.D
Acq: 29 Dec 2023 18:57

Tgt Ion: 98 Resp: 252818
Ion Ratio Lower Upper
98 100
100 65.6 53.1 79.7

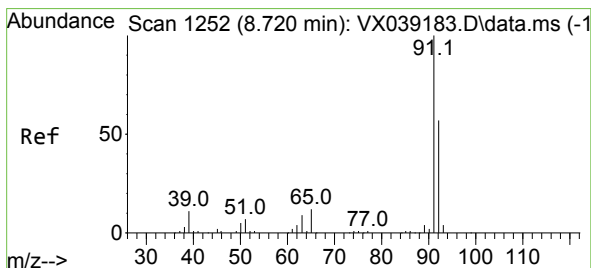
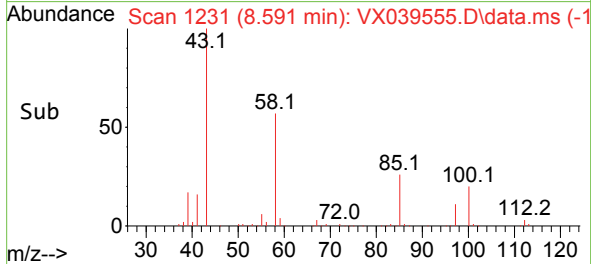
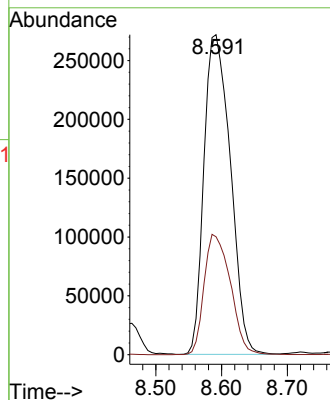
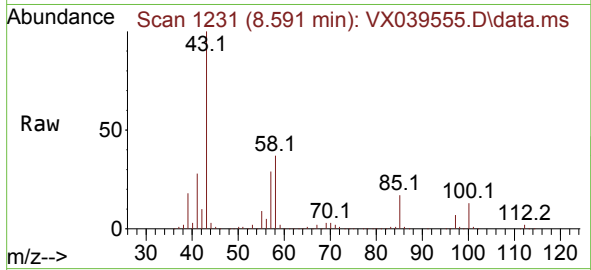




#51
4-Methyl-2-Pentanone
Concen: 260.371 ug/l
RT: 8.591 min Scan# 1231
Delta R.T. 0.018 min
Lab File: VX039555.D
Acq: 29 Dec 2023 18:57

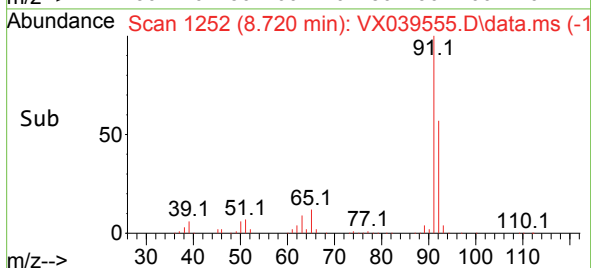
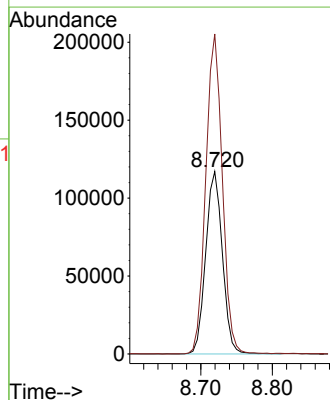
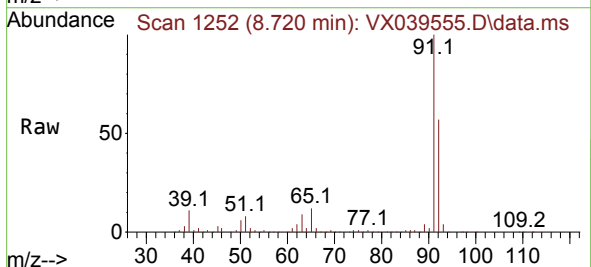
Instrument :
MSVOA_X
ClientSampleId :
SB32-2-20231222-7.5-8.5MSD

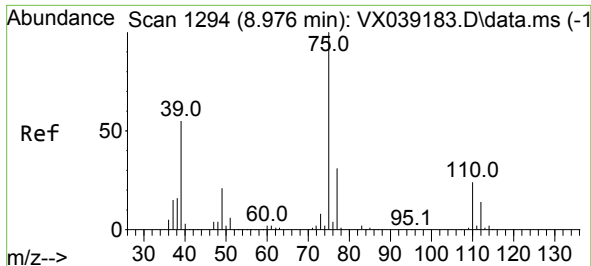
Tgt Ion: 43 Resp: 760458
Ion Ratio Lower Upper
43 100
58 37.5 30.4 45.6



#52
Toluene
Concen: 48.720 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX039555.D
Acq: 29 Dec 2023 18:57

Tgt Ion: 92 Resp: 189794
Ion Ratio Lower Upper
92 100
91 174.2 134.2 201.2

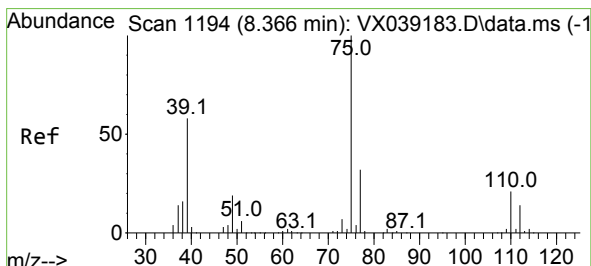
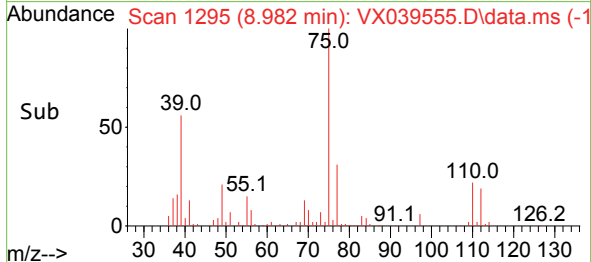
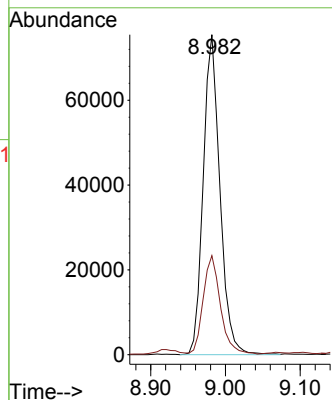
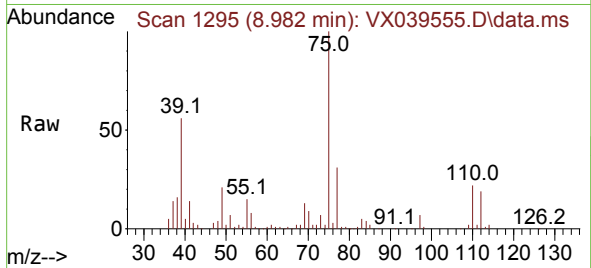




#53
 t-1,3-Dichloropropene
 Concen: 45.677 ug/l
 RT: 8.982 min Scan# 1194
 Delta R.T. 0.006 min
 Lab File: VX039555.D
 Acq: 29 Dec 2023 18:57

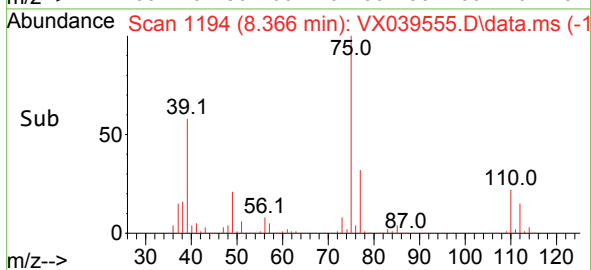
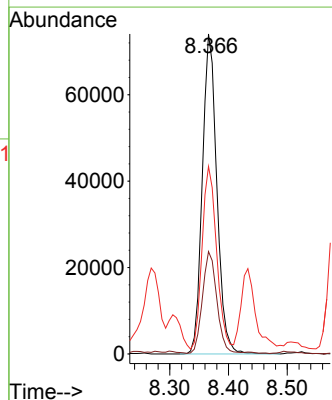
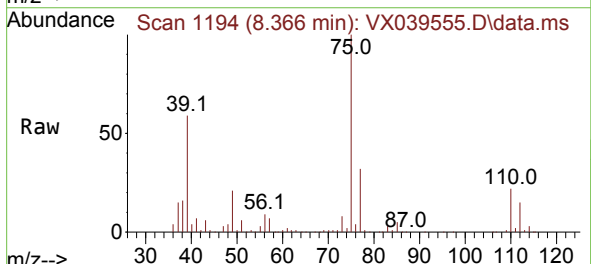
Instrument :
 MSVOA_X
 ClientSampleId :
 SB32-2-20231222-7.5-8.5MSD

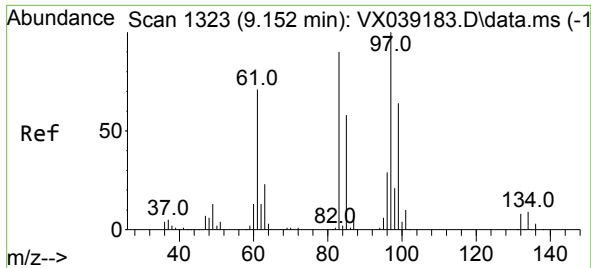
Tgt Ion: 75 Resp: 117081
 Ion Ratio Lower Upper
 75 100
 77 30.3 25.7 38.5



#54
 cis-1,3-Dichloropropene
 Concen: 45.952 ug/l
 RT: 8.366 min Scan# 1194
 Delta R.T. -0.000 min
 Lab File: VX039555.D
 Acq: 29 Dec 2023 18:57

Tgt Ion: 75 Resp: 126736
 Ion Ratio Lower Upper
 75 100
 77 31.5 25.3 37.9
 39 55.9 46.7 70.1

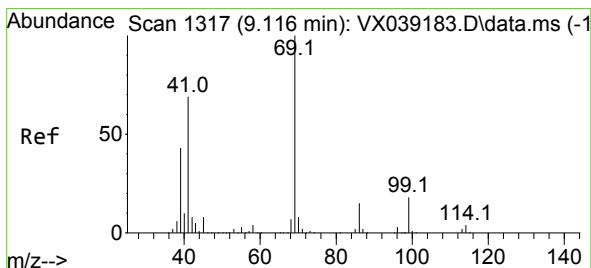
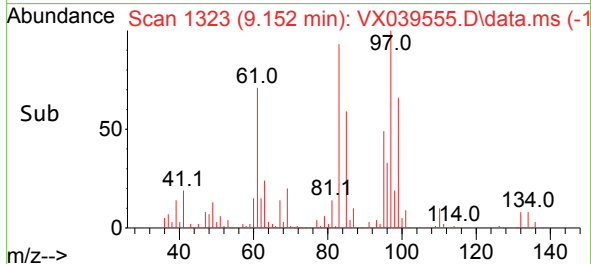
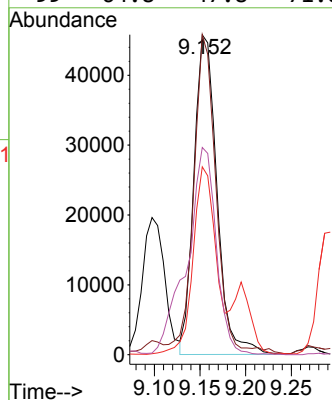
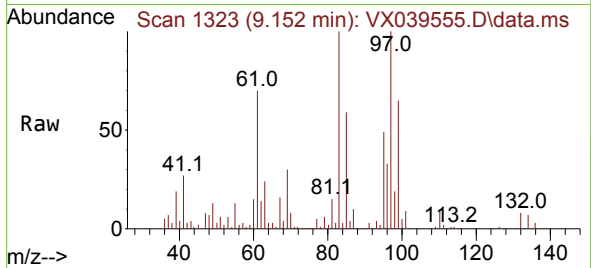




#55
1,1,2-Trichloroethane
Concen: 49.283 ug/l
RT: 9.152 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX039555.D
Acq: 29 Dec 2023 18:57

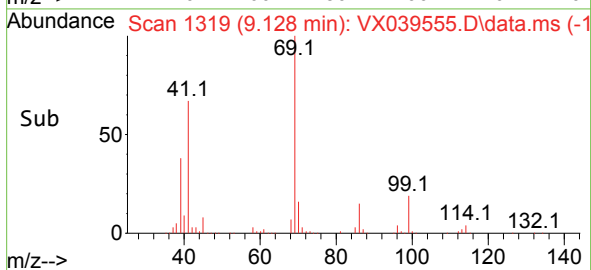
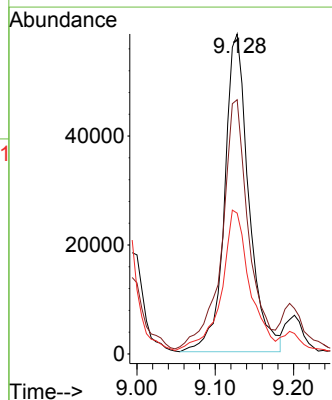
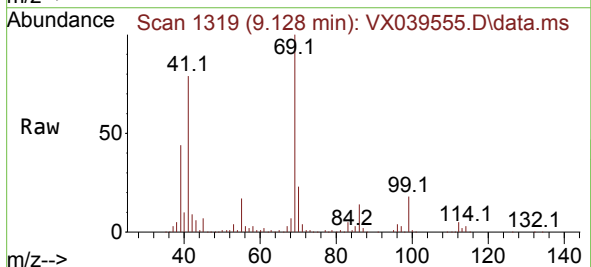
Instrument :
MSVOA_X
ClientSampleId :
SB32-2-20231222-7.5-8.5MSD

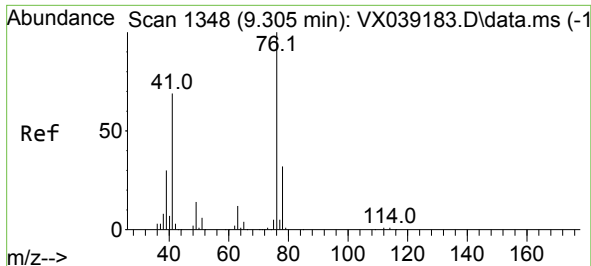
Tgt Ion:	97	Resp:	80152
Ion	Ratio	Lower	Upper
97	100		
83	99.7	65.8	98.8#
85	58.5	41.6	62.4
99	64.8	47.8	71.8



#56
Ethyl methacrylate
Concen: 63.312 ug/l
RT: 9.128 min Scan# 1319
Delta R.T. 0.012 min
Lab File: VX039555.D
Acq: 29 Dec 2023 18:57

Tgt Ion:	69	Resp:	125699
Ion	Ratio	Lower	Upper
69	100		
41	86.1	56.8	85.2#
39	51.3	32.0	48.0#

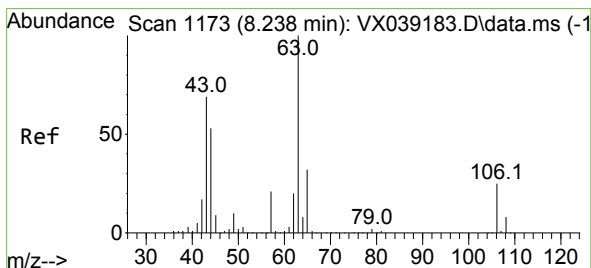
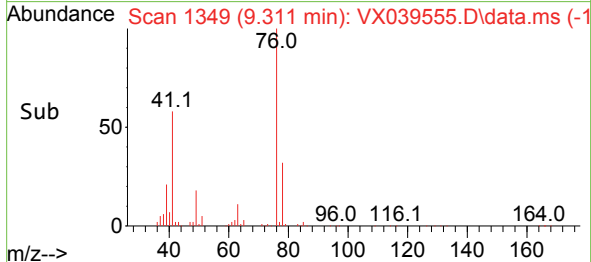
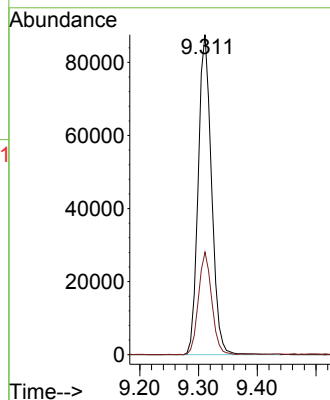
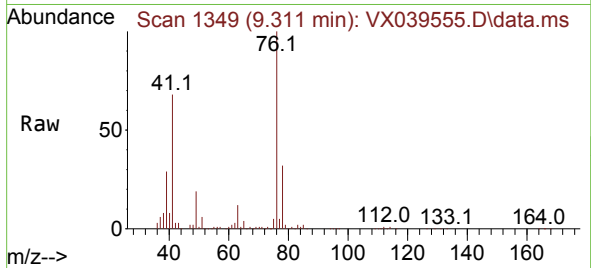




#57
1,3-Dichloropropane
Concen: 49.006 ug/l
RT: 9.311 min Scan# 1137
Delta R.T. 0.006 min
Lab File: VX039555.D
Acq: 29 Dec 2023 18:57

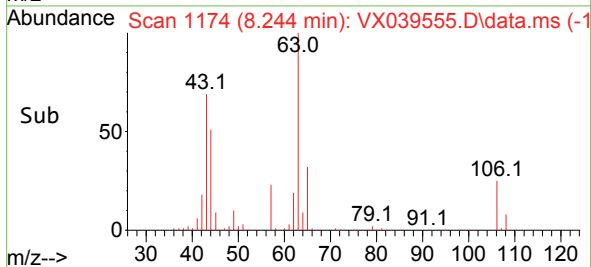
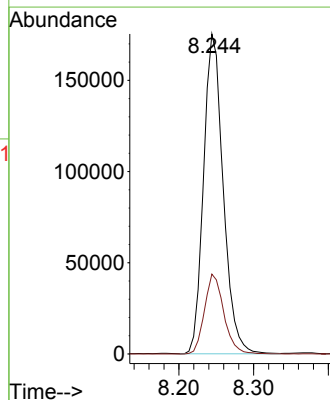
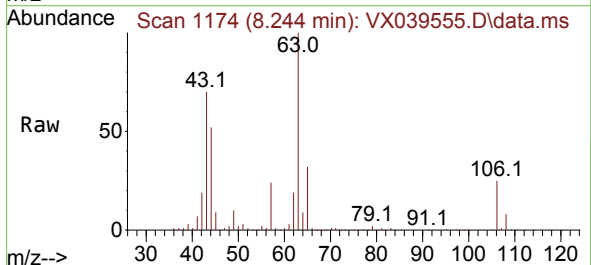
Instrument :
MSVOA_X
ClientSampleId :
SB32-2-20231222-7.5-8.5MSD

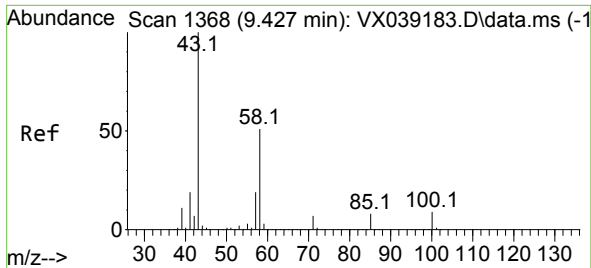
Tgt Ion: 76 Resp: 137785
Ion Ratio Lower Upper
76 100
78 31.9 26.1 39.1



#58
2-Chloroethyl Vinyl ether
Concen: 274.793 ug/l
RT: 8.244 min Scan# 1174
Delta R.T. 0.006 min
Lab File: VX039555.D
Acq: 29 Dec 2023 18:57

Tgt Ion: 63 Resp: 320353
Ion Ratio Lower Upper
63 100
106 24.6 22.5 33.7

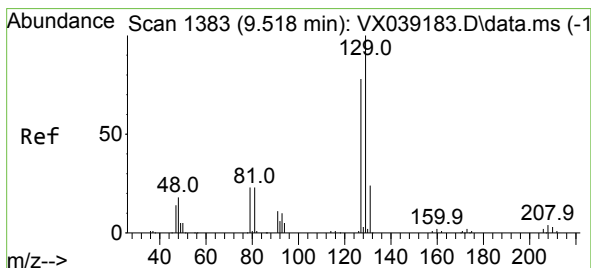
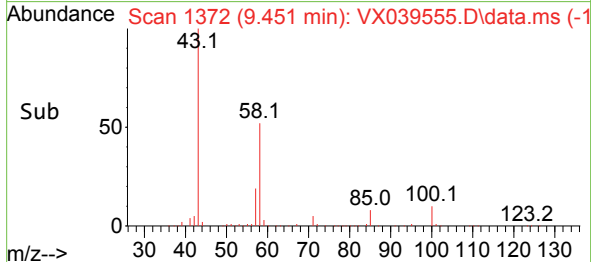
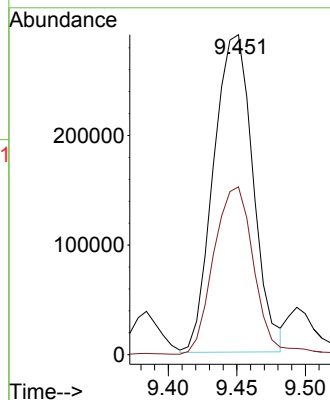
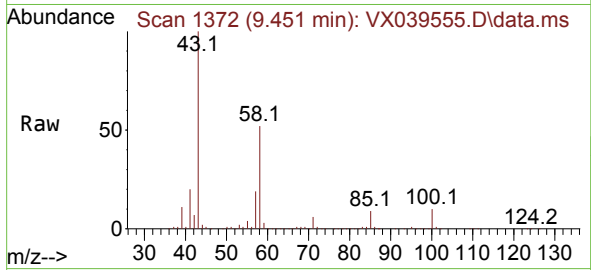




#59
2-Hexanone
Concen: 230.519 ug/l
RT: 9.451 min Scan# 1372
Delta R.T. 0.024 min
Lab File: VX039555.D
Acq: 29 Dec 2023 18:57

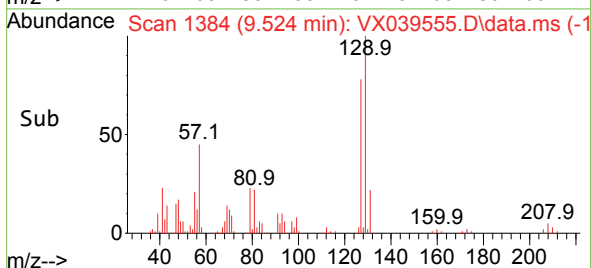
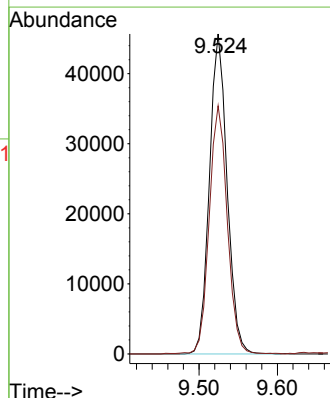
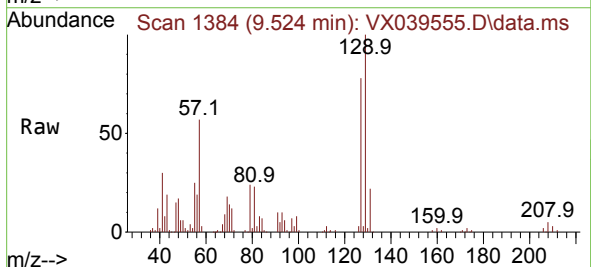
Instrument :
MSVOA_X
ClientSampleId :
SB32-2-20231222-7.5-8.5MSD

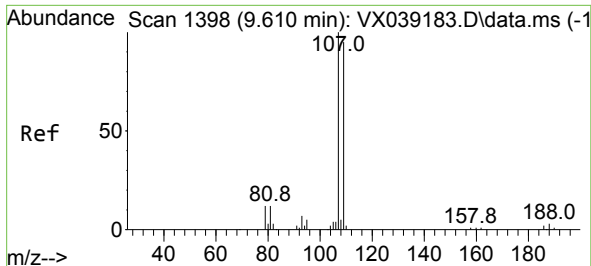
Tgt Ion: 43 Resp: 581059
Ion Ratio Lower Upper
43 100
58 54.0 26.2 78.5



#60
Dibromochloromethane
Concen: 43.514 ug/l
RT: 9.524 min Scan# 1384
Delta R.T. 0.006 min
Lab File: VX039555.D
Acq: 29 Dec 2023 18:57

Tgt Ion: 129 Resp: 71571
Ion Ratio Lower Upper
129 100
127 79.5 38.8 116.4

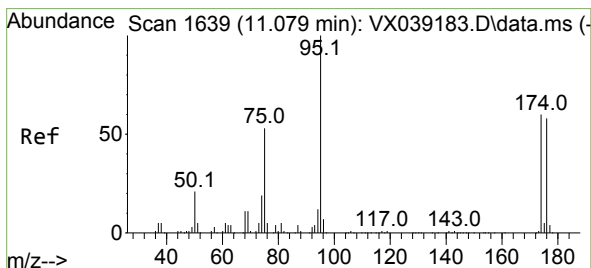
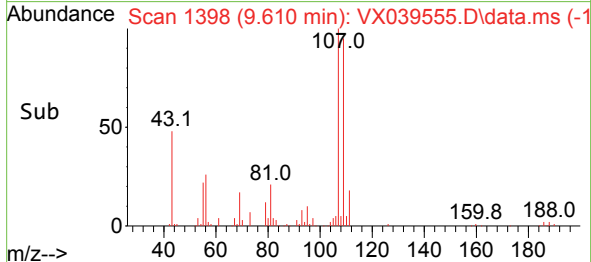
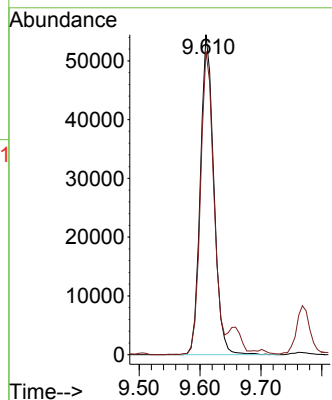
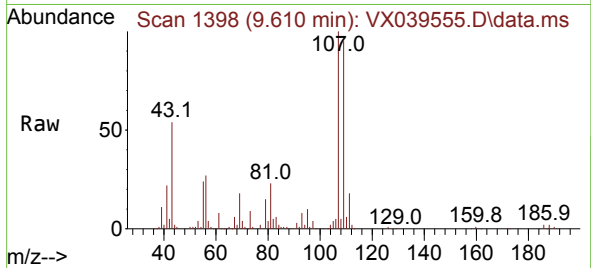




#61
1,2-Dibromoethane
Concen: 48.310 ug/l
RT: 9.610 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX039555.D
Acq: 29 Dec 2023 18:57

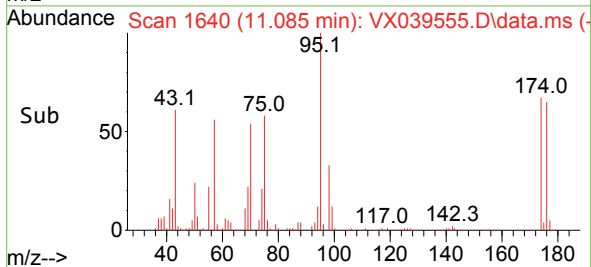
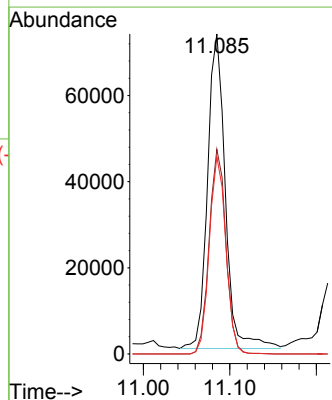
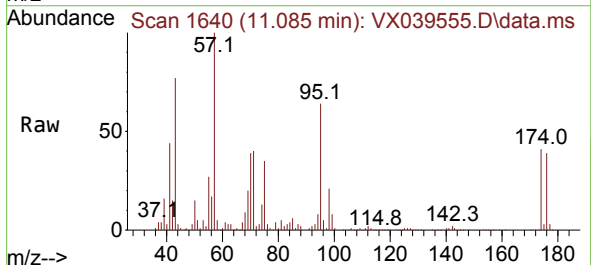
Instrument :
MSVOA_X
ClientSampleId :
SB32-2-20231222-7.5-8.5MSD

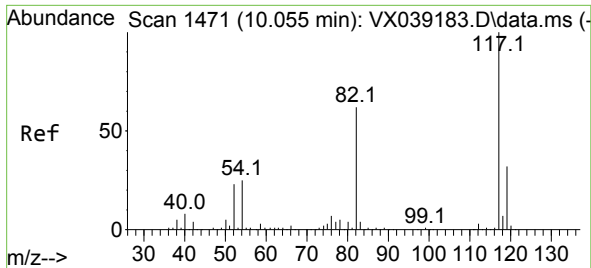
Tgt Ion:107 Resp: 83875
Ion Ratio Lower Upper
107 100
109 95.5 75.2 112.8



#62
4-Bromofluorobenzene
Concen: 46.995 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX039555.D
Acq: 29 Dec 2023 18:57

Tgt Ion: 95 Resp: 104085
Ion Ratio Lower Upper
95 100
174 61.0 0.0 135.6
176 58.3 0.0 131.0

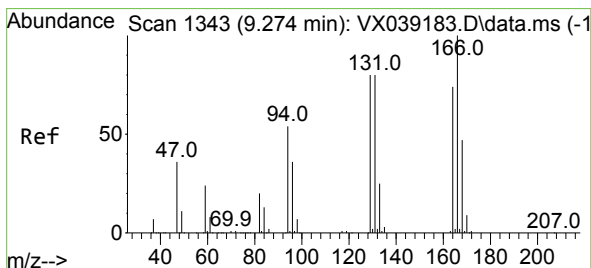
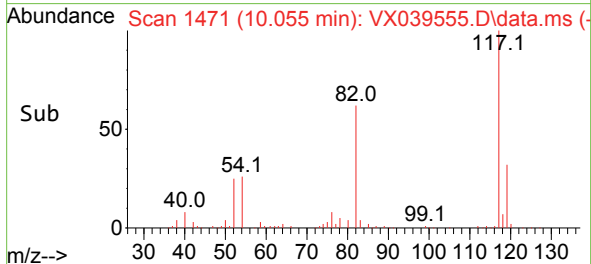
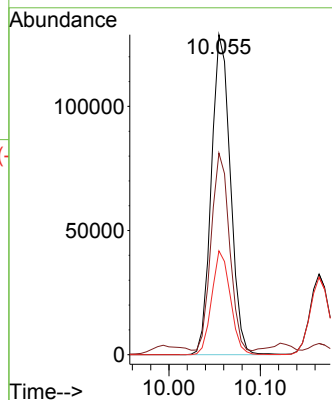
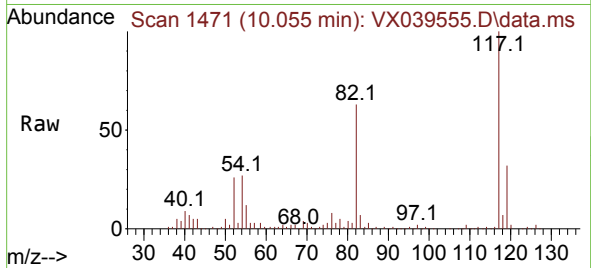




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX039555.D
Acq: 29 Dec 2023 18:57

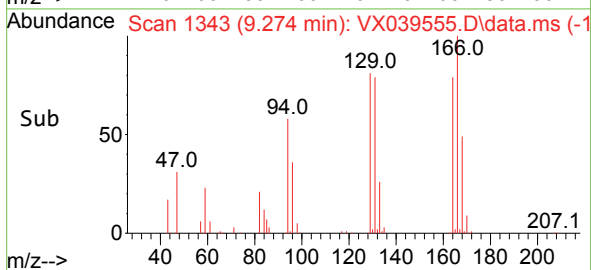
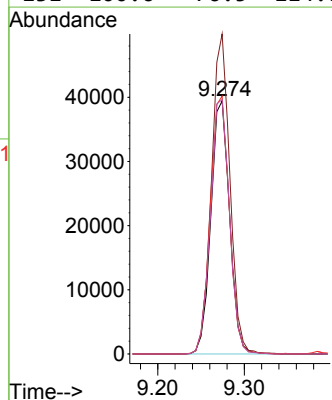
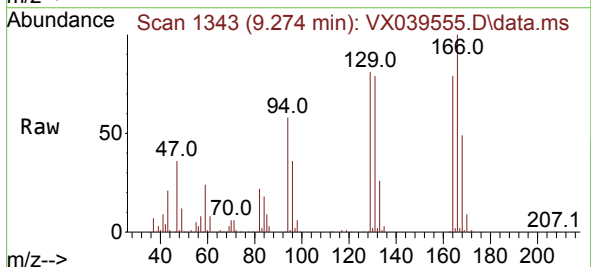
Instrument : MSVOA_X
ClientSampleId : SB32-2-20231222-7.5-8.5MSD

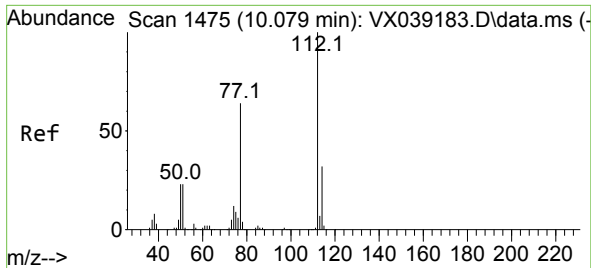
Tgt Ion:117 Resp: 185921
Ion Ratio Lower Upper
117 100
82 60.8 46.2 69.4
119 32.4 25.5 38.3



#64
Tetrachloroethene
Concen: 48.615 ug/l
RT: 9.274 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX039555.D
Acq: 29 Dec 2023 18:57

Tgt Ion:164 Resp: 59064
Ion Ratio Lower Upper
164 100
166 126.5 102.7 154.1
129 102.0 80.4 120.6
131 100.6 76.5 114.7

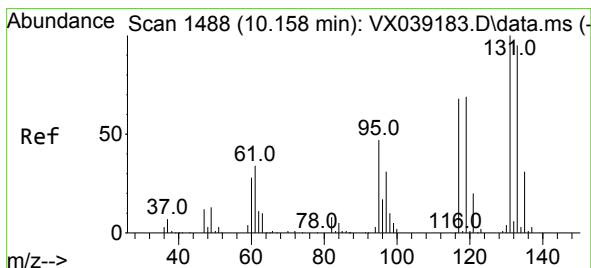
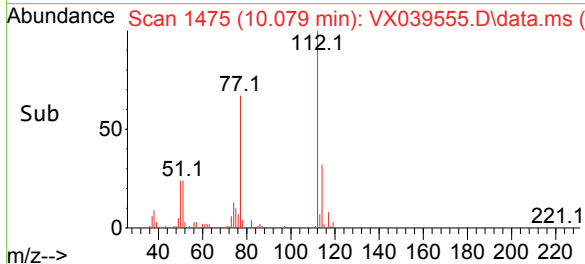
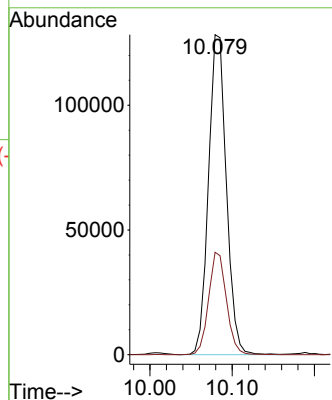
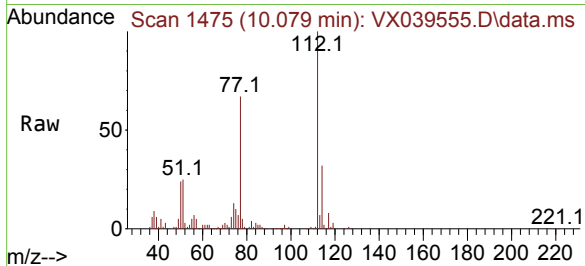




#65
Chlorobenzene
Concen: 47.661 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX039555.D
Acq: 29 Dec 2023 18:57

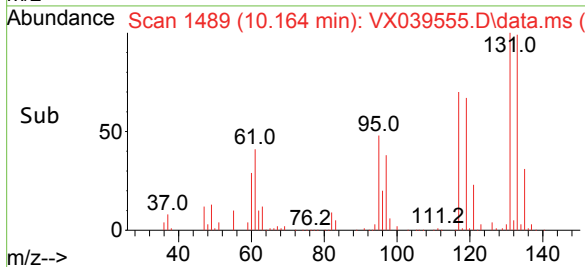
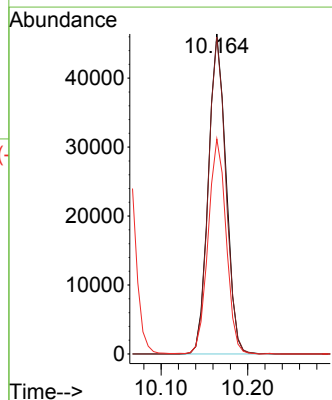
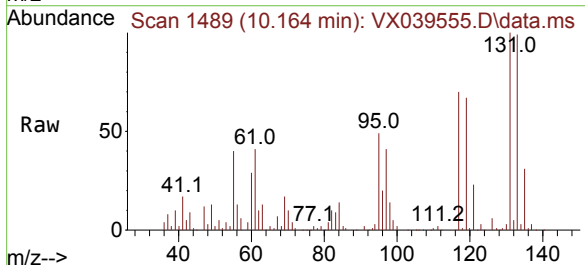
Instrument : MSVOA_X
ClientSampleId : SB32-2-20231222-7.5-8.5MSD

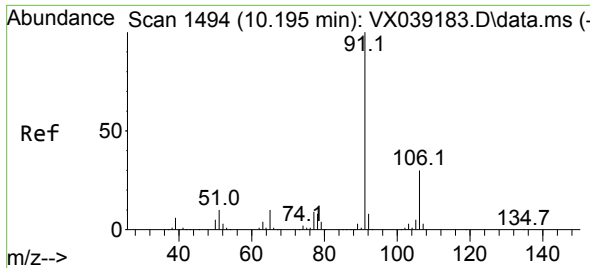
Tgt Ion:112 Resp: 193413
Ion Ratio Lower Upper
112 100
114 32.0 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 45.859 ug/l
RT: 10.164 min Scan# 1489
Delta R.T. 0.006 min
Lab File: VX039555.D
Acq: 29 Dec 2023 18:57

Tgt Ion:131 Resp: 65735
Ion Ratio Lower Upper
131 100
133 98.0 47.1 141.4
119 68.5 32.2 96.6

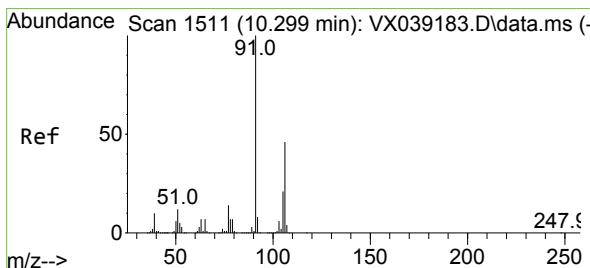
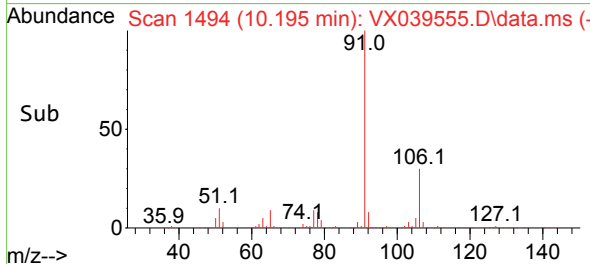
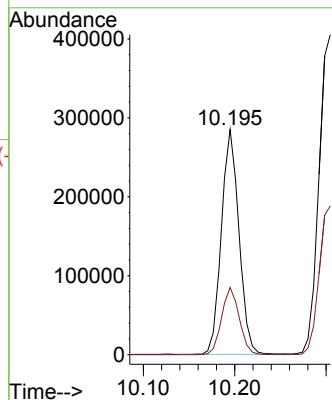
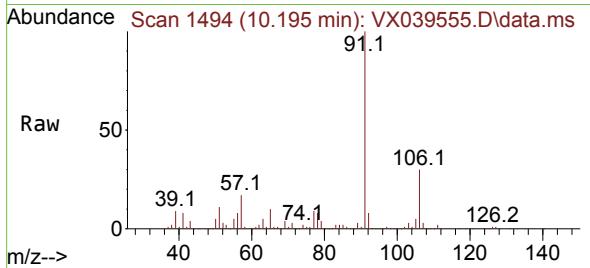




#67
Ethyl Benzene
Concen: 50.454 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX039555.D
Acq: 29 Dec 2023 18:57

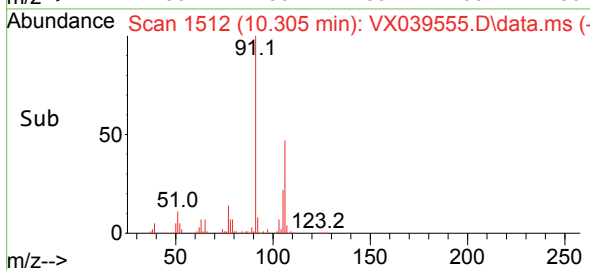
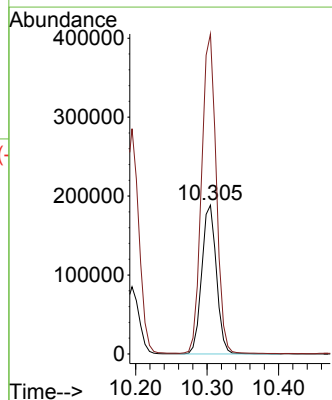
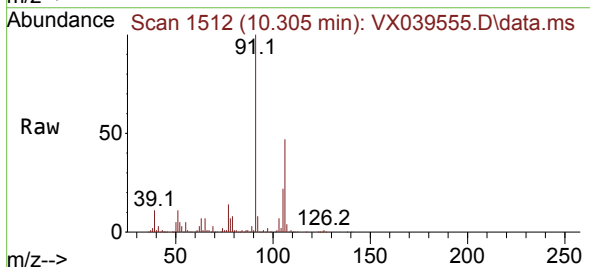
Instrument : MSVOA_X
ClientSampleId : SB32-2-20231222-7.5-8.5MSD

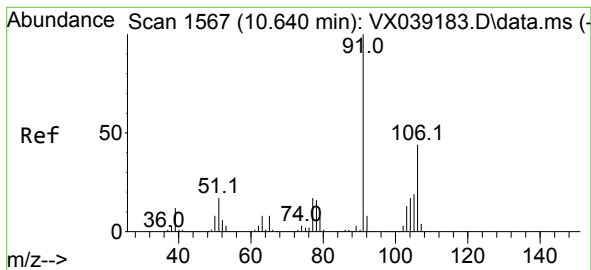
Tgt Ion: 91 Resp: 381124
Ion Ratio Lower Upper
91 100
106 29.9 24.9 37.3



#68
m/p-Xylenes
Concen: 98.980 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.006 min
Lab File: VX039555.D
Acq: 29 Dec 2023 18:57

Tgt Ion:106 Resp: 268078
Ion Ratio Lower Upper
106 100
91 215.7 165.5 248.3





#69

o-Xylene

Concen: 49.656 ug/l

RT: 10.646 min Scan# 1567

Delta R.T. 0.006 min

Lab File: VX039555.D

Acq: 29 Dec 2023 18:57

Instrument :

MSVOA_X

ClientSampleId :

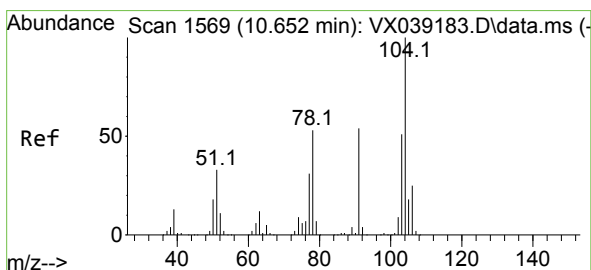
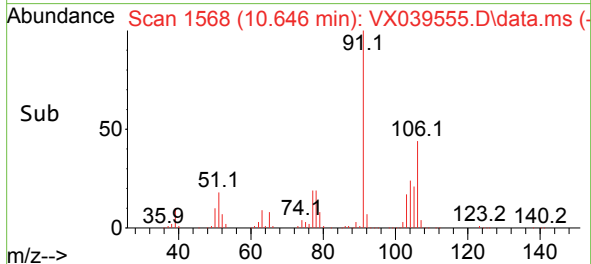
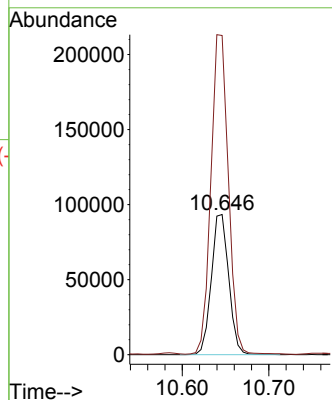
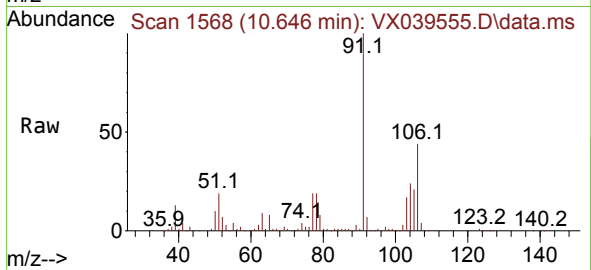
SB32-2-20231222-7.5-8.5MSD

Tgt Ion:106 Resp: 130033

Ion Ratio Lower Upper

106 100

91 229.6 108.9 326.8



#70

Styrene

Concen: 50.443 ug/l

RT: 10.658 min Scan# 1570

Delta R.T. 0.006 min

Lab File: VX039555.D

Acq: 29 Dec 2023 18:57

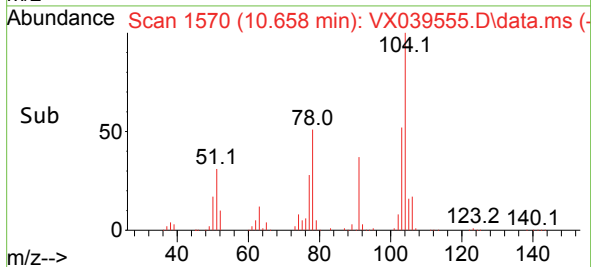
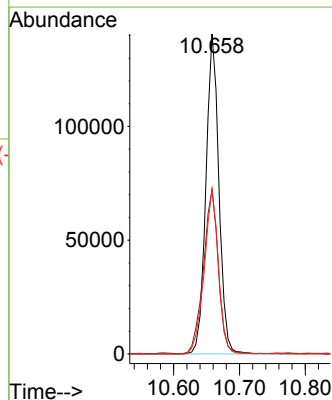
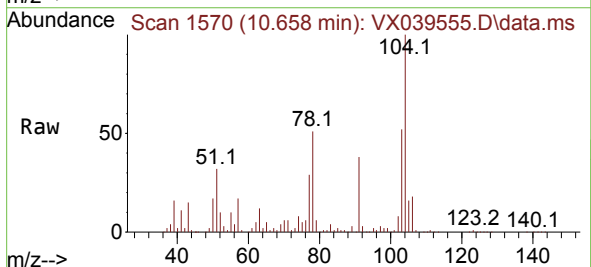
Tgt Ion:104 Resp: 193110

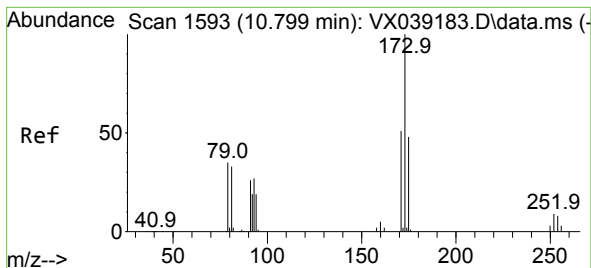
Ion Ratio Lower Upper

104 100

78 58.6 43.6 65.4

103 56.6 43.6 65.4





#71

Bromoform

Concen: 43.055 ug/l

RT: 10.805 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX039555.D

Acq: 29 Dec 2023 18:57

Instrument :

MSVOA_X

ClientSampleId :

SB32-2-20231222-7.5-8.5MSD

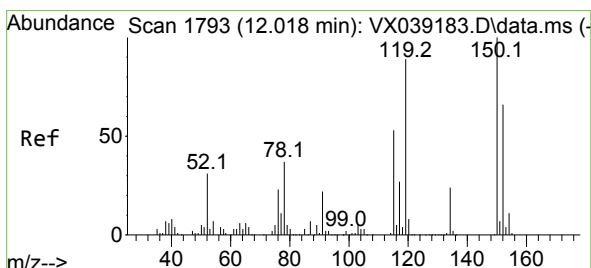
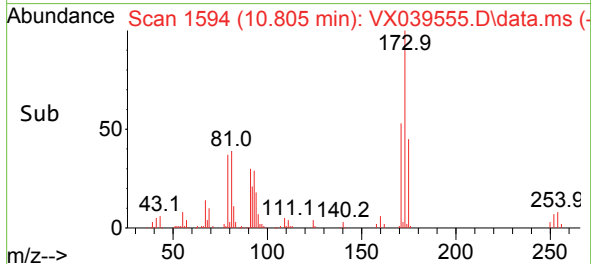
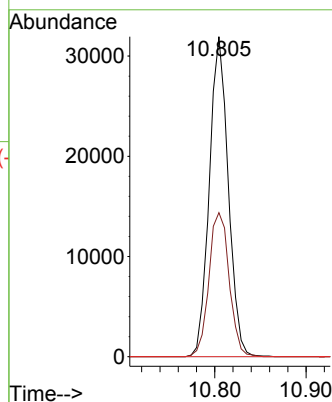
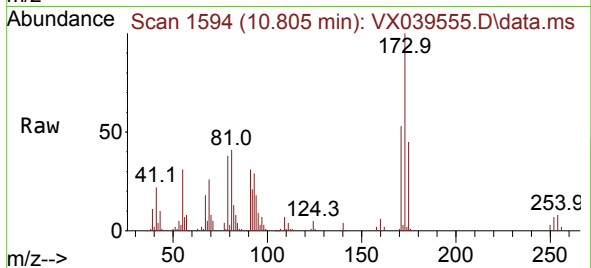
Tgt Ion:173 Resp: 45874

Ion Ratio Lower Upper

173 100

175 48.2 24.1 72.4

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.006 min

Lab File: VX039555.D

Acq: 29 Dec 2023 18:57

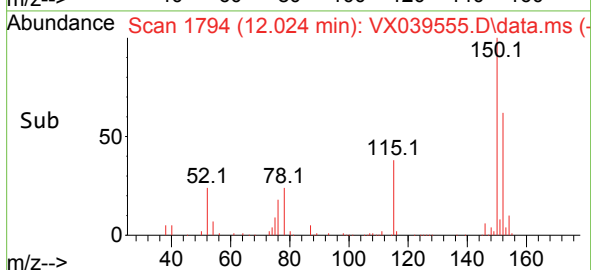
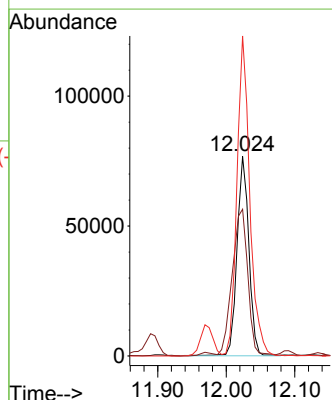
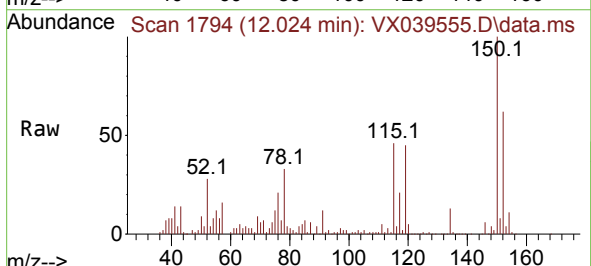
Tgt Ion:152 Resp: 92362

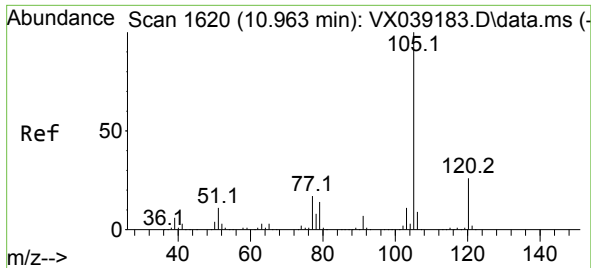
Ion Ratio Lower Upper

152 100

115 94.9 43.3 129.9

150 173.9 0.0 345.0

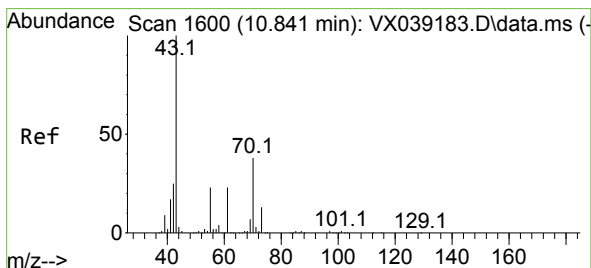
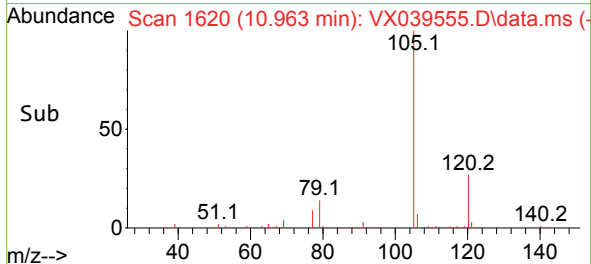
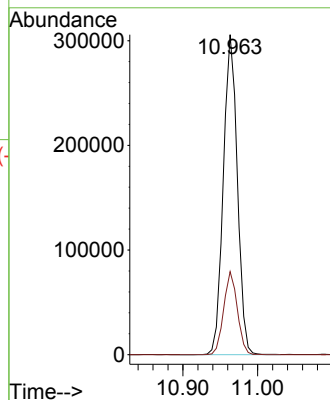
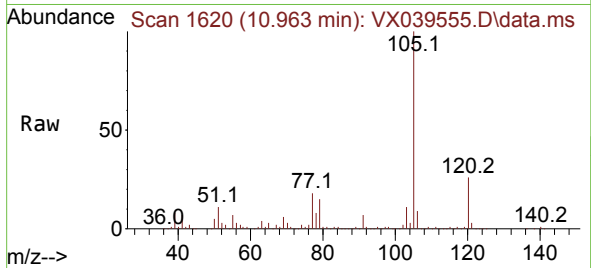




#73
Isopropylbenzene
Concen: 56.042 ug/l
RT: 10.963 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX039555.D
Acq: 29 Dec 2023 18:57

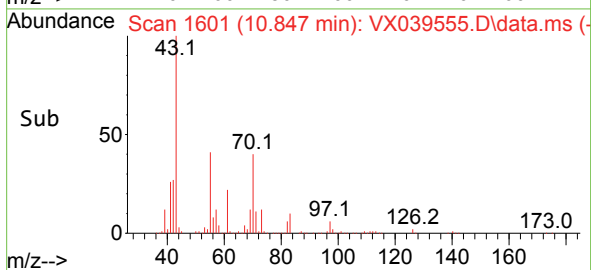
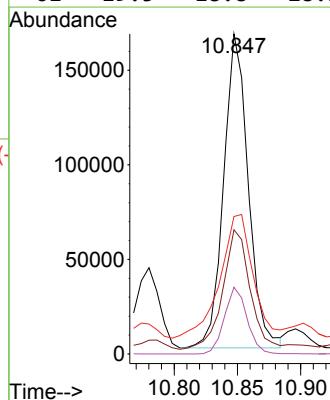
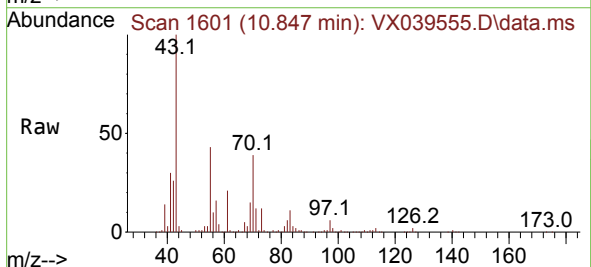
Instrument :
MSVOA_X
ClientSampleId :
SB32-2-20231222-7.5-8.5MSD

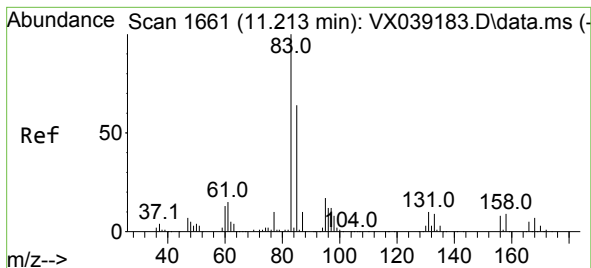
Tgt Ion:105 Resp: 399358
Ion Ratio Lower Upper
105 100
120 25.3 12.9 38.6



#74
N-ethyl acetate
Concen: 62.367 ug/l
RT: 10.847 min Scan# 1601
Delta R.T. 0.006 min
Lab File: VX039555.D
Acq: 29 Dec 2023 18:57

Tgt Ion: 43 Resp: 224862
Ion Ratio Lower Upper
43 100
70 43.9 32.9 49.3
55 52.9 19.3 28.9#
61 19.5 18.8 28.2





#75

1,1,2,2-Tetrachloroethane

Concen: 53.780 ug/l

RT: 11.219 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX039555.D

Acq: 29 Dec 2023 18:57

Instrument :

MSVOA_X

ClientSampleId :

SB32-2-20231222-7.5-8.5MSD

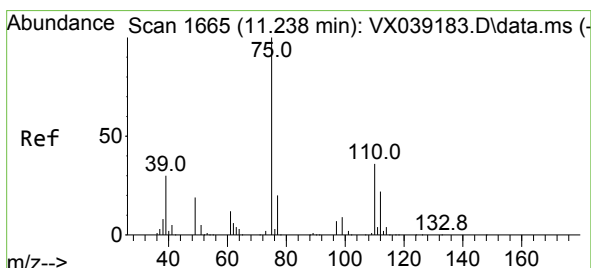
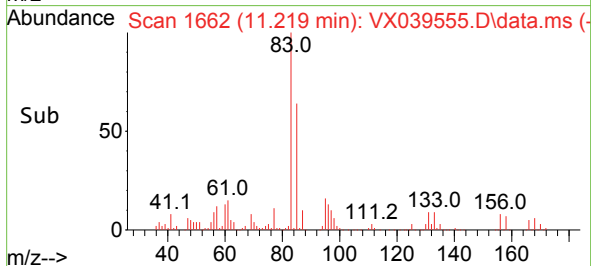
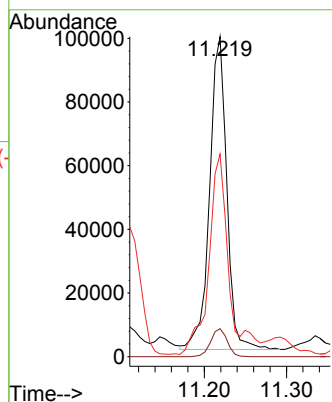
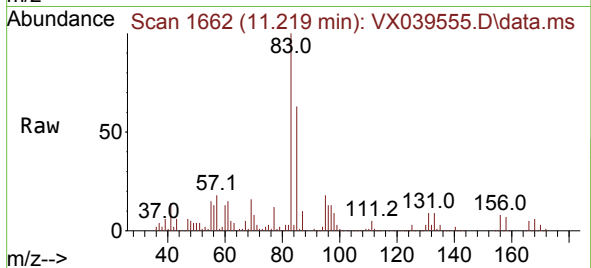
Tgt Ion: 83 Resp: 142569

Ion Ratio Lower Upper

83 100

131 8.6 5.3 15.8

85 67.8 32.0 96.2



#76

1,2,3-Trichloropropane

Concen: 63.072 ug/l

RT: 11.243 min Scan# 1666

Delta R.T. 0.006 min

Lab File: VX039555.D

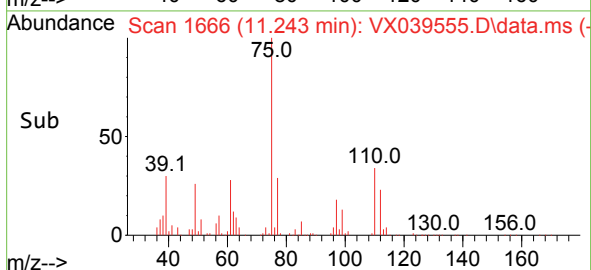
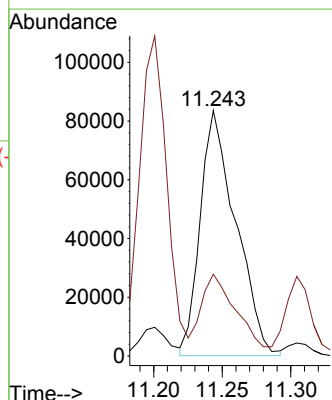
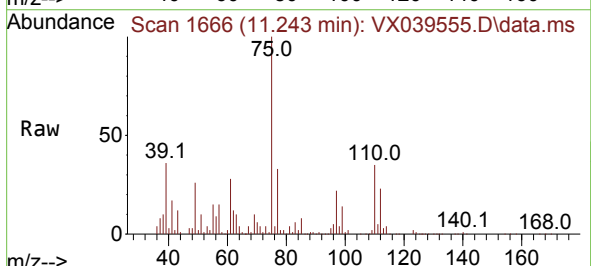
Acq: 29 Dec 2023 18:57

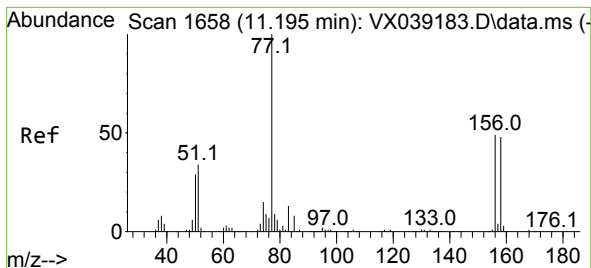
Tgt Ion: 75 Resp: 150714

Ion Ratio Lower Upper

75 100

77 31.5 19.1 57.5





#77

Bromobenzene

Concen: 47.950 ug/l

RT: 11.201 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX039555.D

Acq: 29 Dec 2023 18:57

Instrument :

MSVOA_X

ClientSampleId :

SB32-2-20231222-7.5-8.5MSD

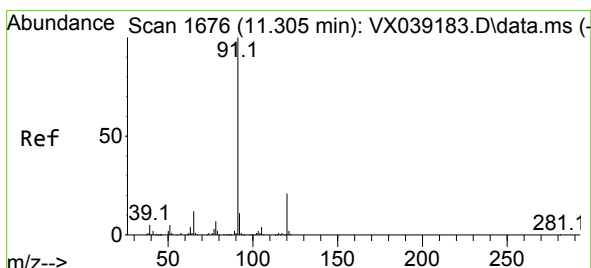
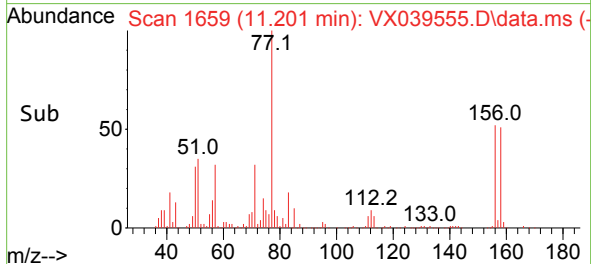
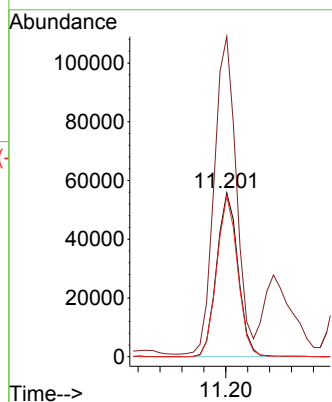
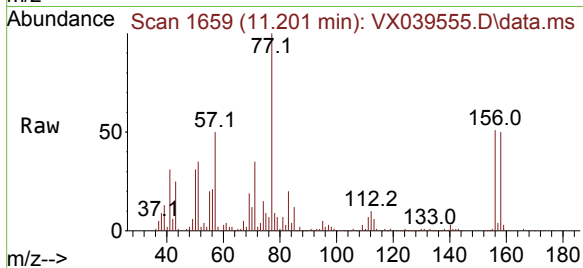
Tgt Ion:156 Resp: 75561

Ion Ratio Lower Upper

156 100

77 199.5 88.4 265.3

158 96.2 48.0 144.0



#78

n-propylbenzene

Concen: 86.207 ug/l

RT: 11.304 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VX039555.D

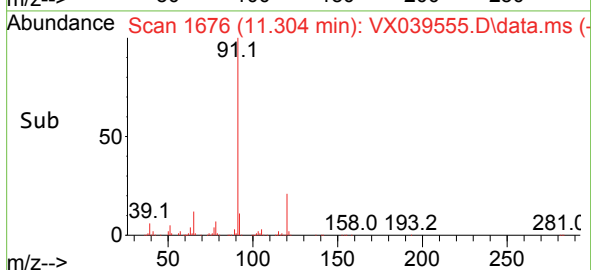
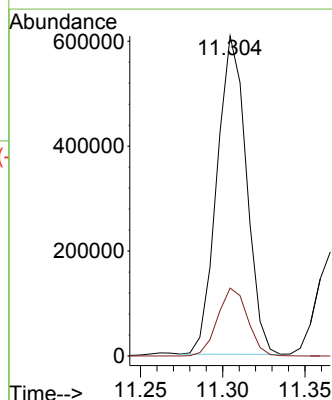
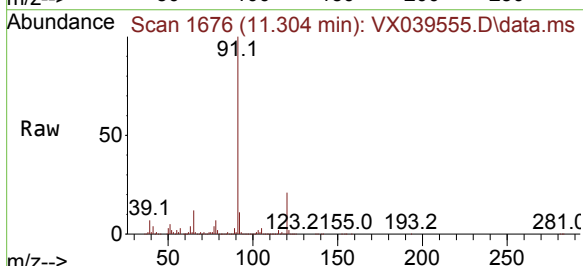
Acq: 29 Dec 2023 18:57

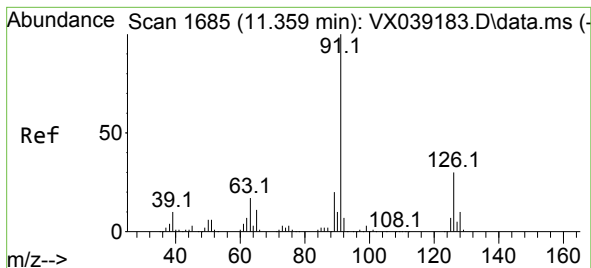
Tgt Ion: 91 Resp: 756898

Ion Ratio Lower Upper

91 100

120 21.6 11.5 34.4

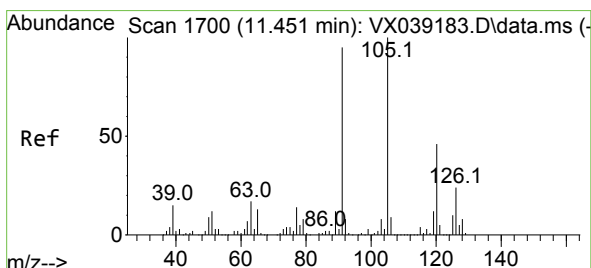
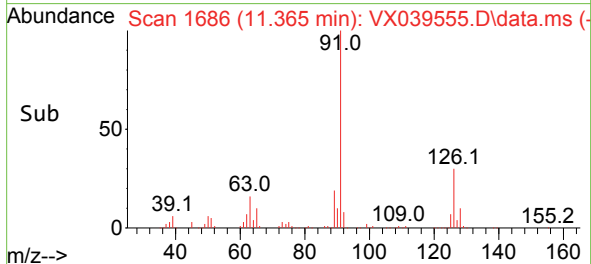
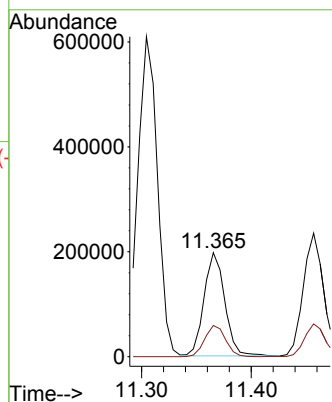
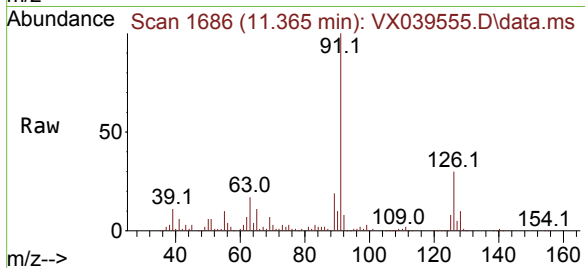




#79
2-Chlorotoluene
Concen: 48.567 ug/l
RT: 11.365 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX039555.D
Acq: 29 Dec 2023 18:57

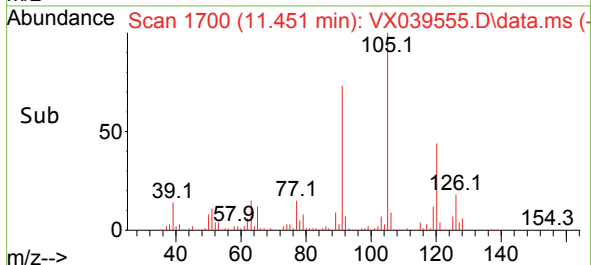
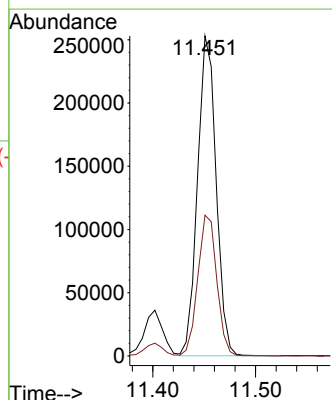
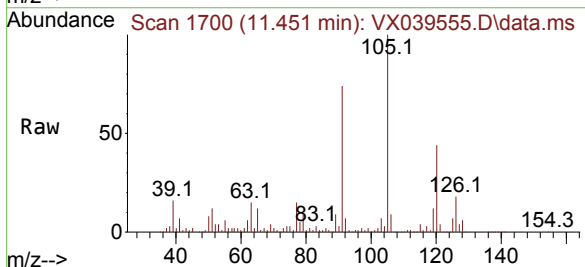
Instrument :
MSVOA_X
ClientSampleId :
SB32-2-20231222-7.5-8.5MSD

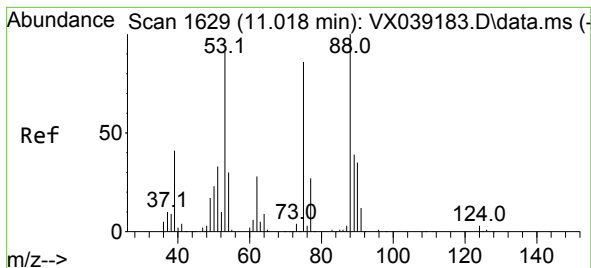
Tgt Ion: 91 Resp: 257932
Ion Ratio Lower Upper
91 100
126 30.4 16.3 48.8



#80
1,3,5-Trimethylbenzene
Concen: 52.473 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX039555.D
Acq: 29 Dec 2023 18:57

Tgt Ion: 105 Resp: 318547
Ion Ratio Lower Upper
105 100
120 44.9 24.1 72.3

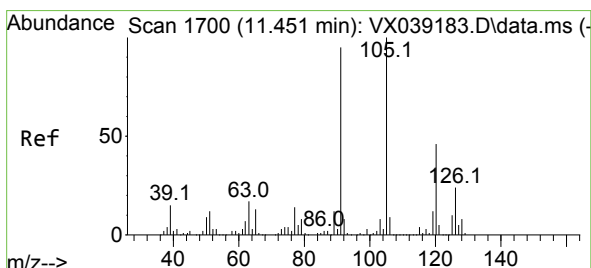
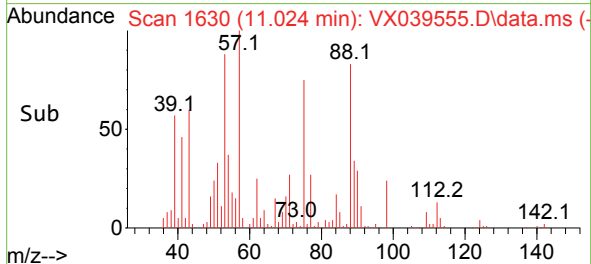
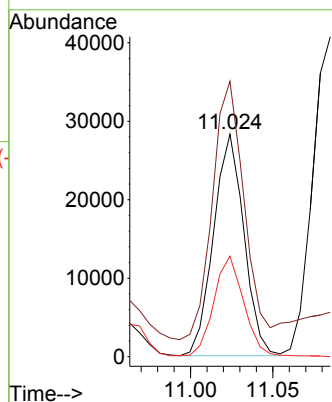
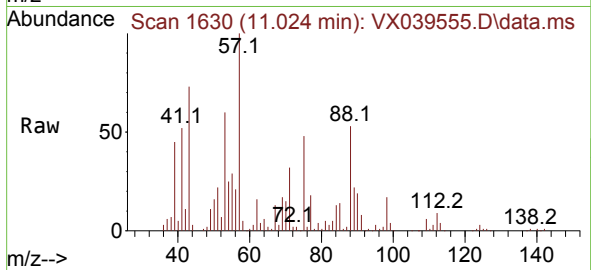




#81
trans-1,4-Dichloro-2-butene
Concen: 42.872 ug/l
RT: 11.024 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX039555.D
Acq: 29 Dec 2023 18:57

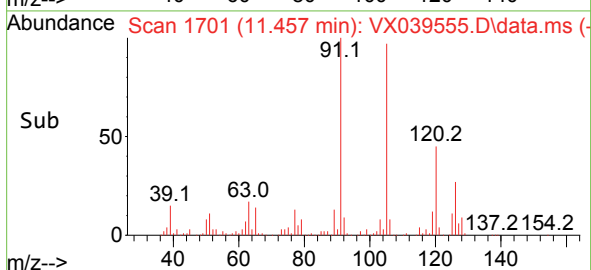
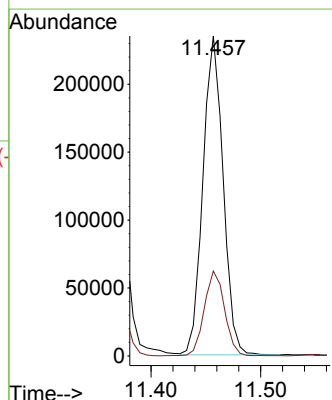
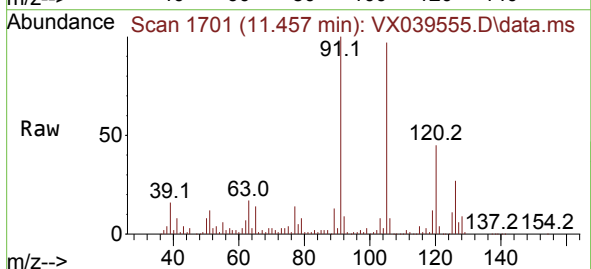
Instrument :
MSVOA_X
ClientSampleId :
SB32-2-20231222-7.5-8.5MSD

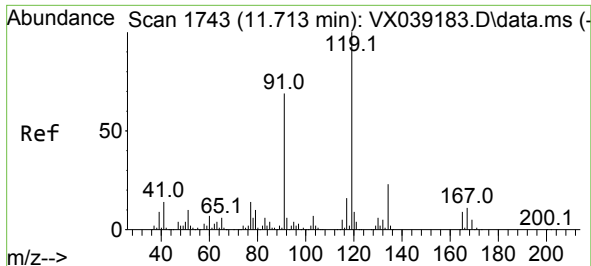
Tgt Ion: 75 Resp: 36315
Ion Ratio Lower Upper
75 100
53 125.0 90.5 135.7
89 45.3 36.9 55.3



#82
4-Chlorotoluene
Concen: 48.027 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX039555.D
Acq: 29 Dec 2023 18:57

Tgt Ion: 91 Resp: 299581
Ion Ratio Lower Upper
91 100
126 26.7 14.2 42.6

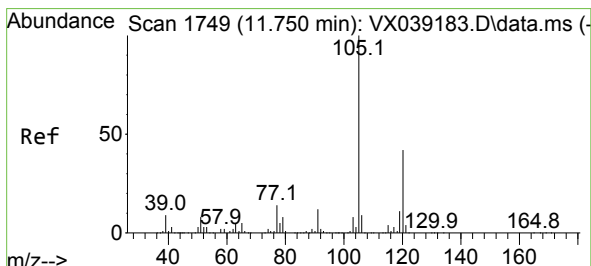
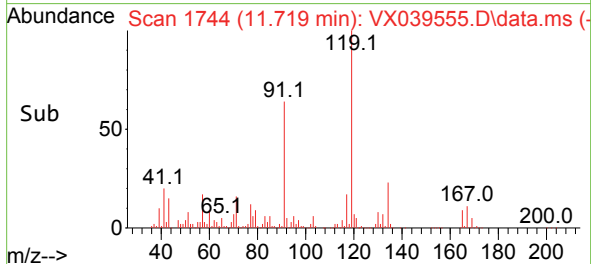
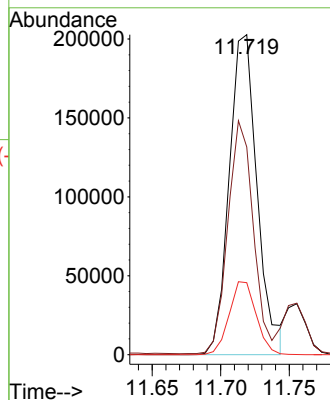
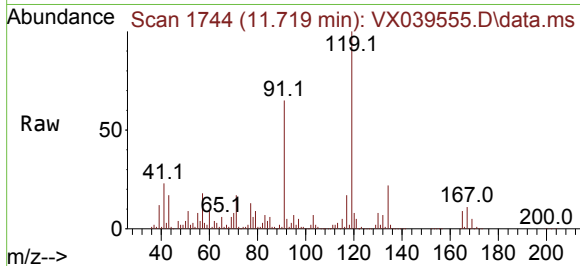




#83
tert-Butylbenzene
Concen: 49.925 ug/l
RT: 11.719 min Scan# 1743
Delta R.T. 0.006 min
Lab File: VX039555.D
Acq: 29 Dec 2023 18:57

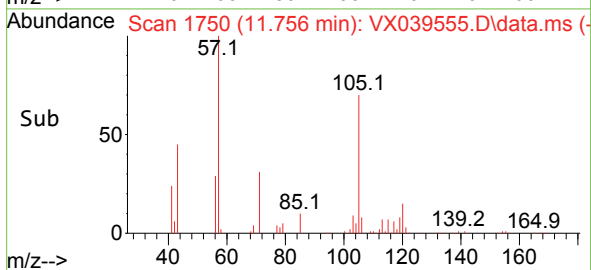
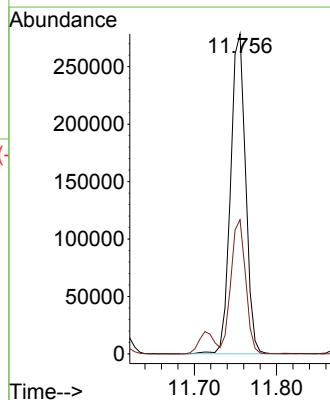
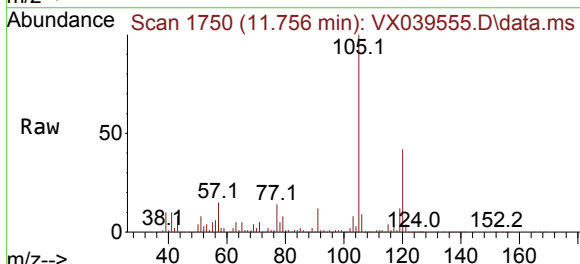
Instrument :
MSVOA_X
ClientSampleId :
SB32-2-20231222-7.5-8.5MSD

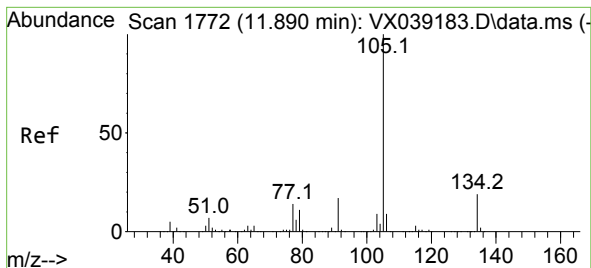
Tgt Ion:119 Resp: 288438
Ion Ratio Lower Upper
119 100
91 66.1 31.2 93.6
134 22.0 11.7 35.0



#84
1,2,4-Trimethylbenzene
Concen: 56.747 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VX039555.D
Acq: 29 Dec 2023 18:57

Tgt Ion:105 Resp: 353278
Ion Ratio Lower Upper
105 100
120 41.2 21.2 63.6





#85

sec-Butylbenzene

Concen: 58.528 ug/l

RT: 11.890 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX039555.D

Acq: 29 Dec 2023 18:57

Instrument :

MSVOA_X

ClientSampleId :

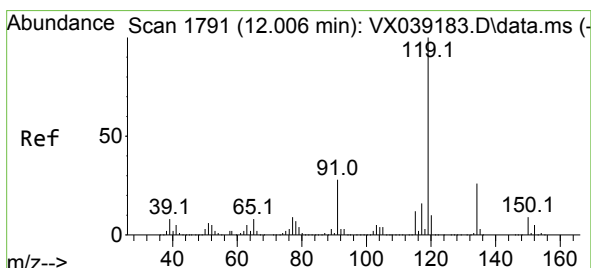
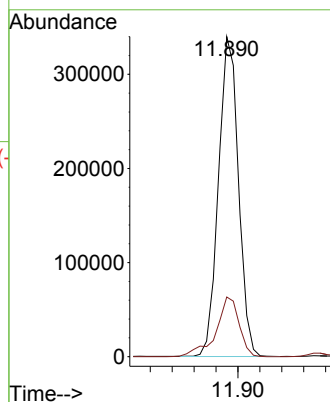
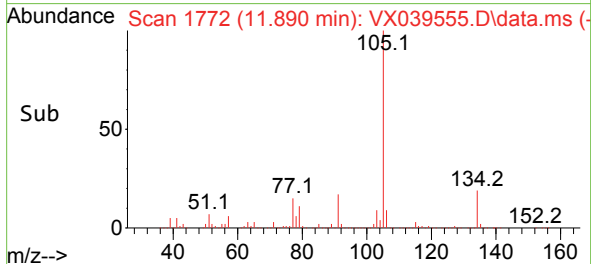
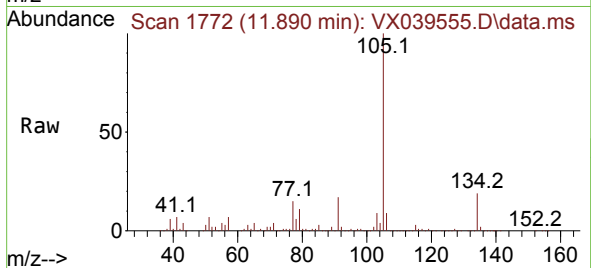
SB32-2-20231222-7.5-8.5MSD

Tgt Ion:105 Resp: 430284

Ion Ratio Lower Upper

105 100

134 21.7 9.8 29.4



#86

p-Isopropyltoluene

Concen: 54.487 ug/l

RT: 12.012 min Scan# 1792

Delta R.T. 0.006 min

Lab File: VX039555.D

Acq: 29 Dec 2023 18:57

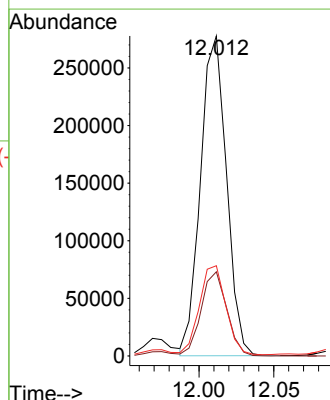
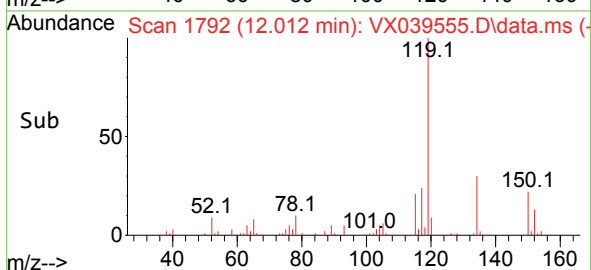
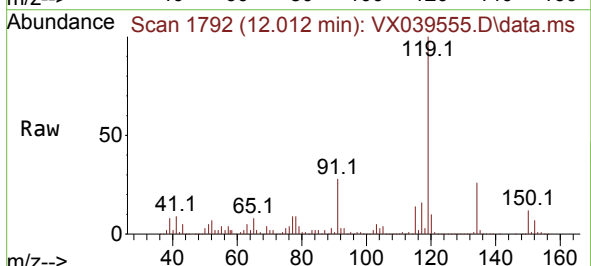
Tgt Ion:119 Resp: 336180

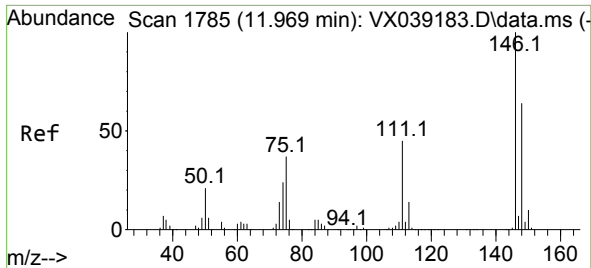
Ion Ratio Lower Upper

119 100

134 25.9 12.8 38.3

91 28.6 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 47.053 ug/l

RT: 11.969 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX039555.D

Acq: 29 Dec 2023 18:57

Instrument :

MSVOA_X

ClientSampleId :

SB32-2-20231222-7.5-8.5MSD

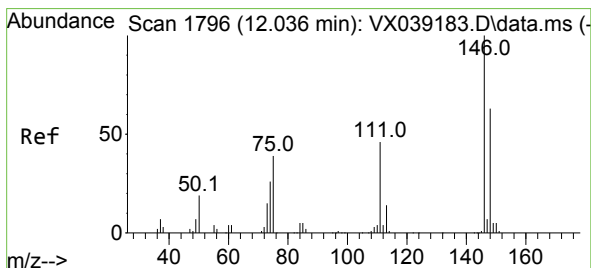
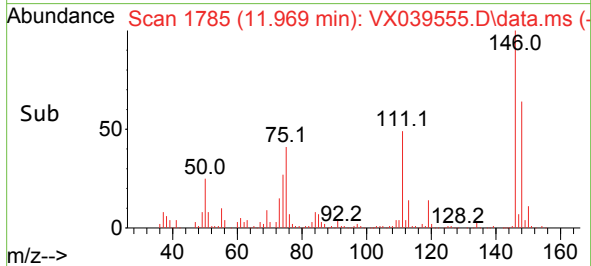
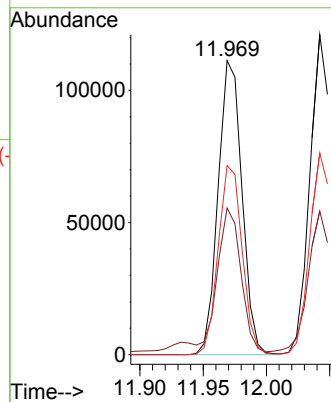
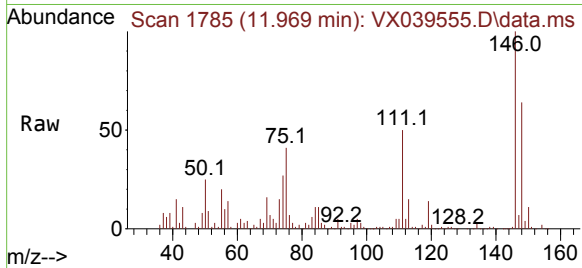
Tgt Ion:146 Resp: 145670

Ion Ratio Lower Upper

146 100

111 47.7 22.1 66.1

148 64.5 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 45.920 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. 0.006 min

Lab File: VX039555.D

Acq: 29 Dec 2023 18:57

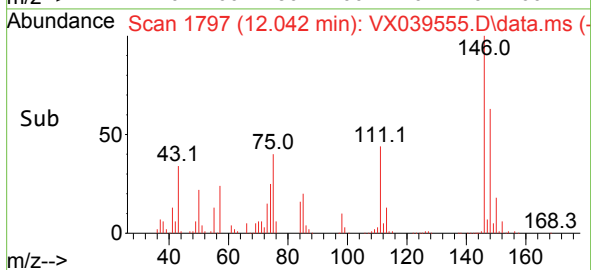
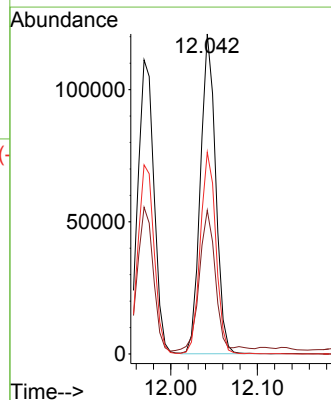
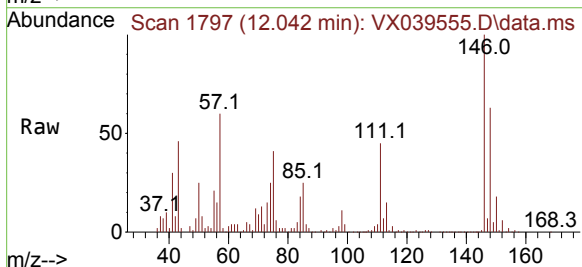
Tgt Ion:146 Resp: 148021

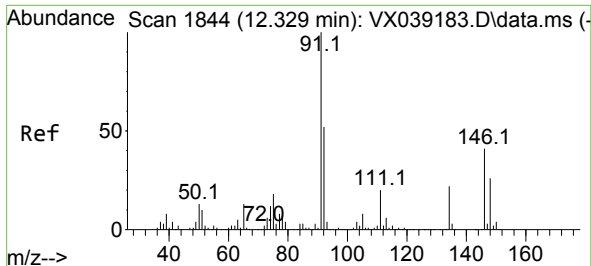
Ion Ratio Lower Upper

146 100

111 45.7 21.3 63.7

148 64.4 31.8 95.4





#89

n-Butylbenzene

Concen: 93.863 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.006 min

Lab File: VX039555.D

Acq: 29 Dec 2023 18:57

Instrument :

MSVOA_X

ClientSampleId :

SB32-2-20231222-7.5-8.5MSD

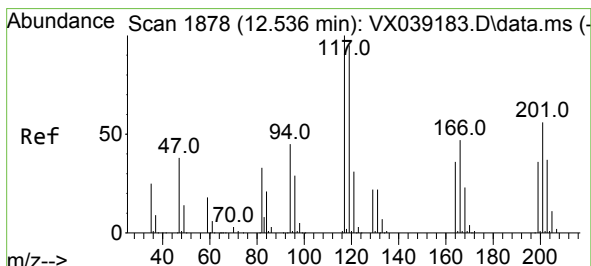
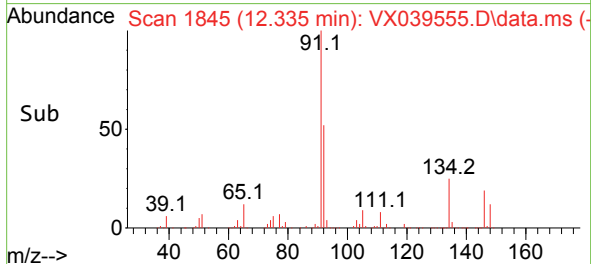
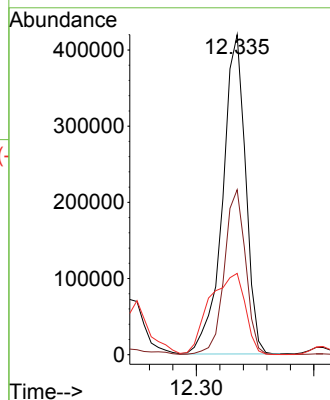
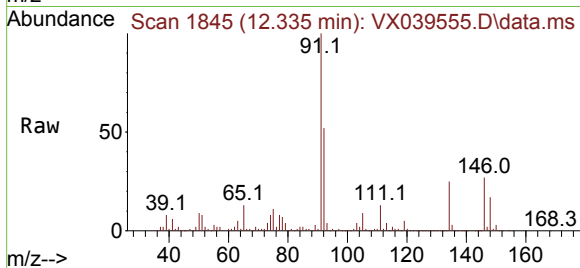
Tgt Ion: 91 Resp: 569300

Ion Ratio Lower Upper

91 100

92 47.7 27.4 82.0

134 39.5 12.6 37.8#



#90

Hexachloroethane

Concen: 65.275 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. -0.000 min

Lab File: VX039555.D

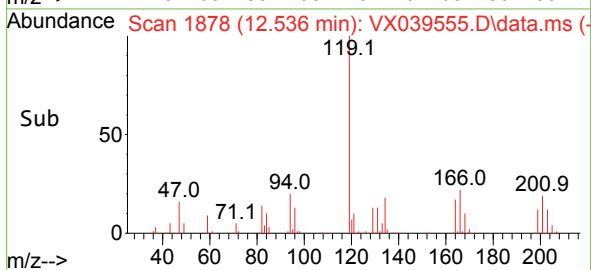
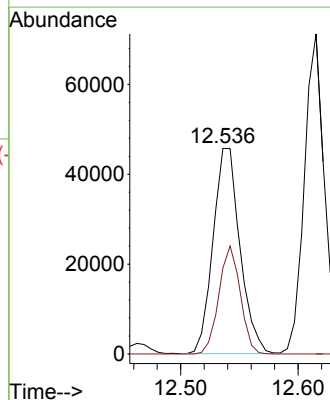
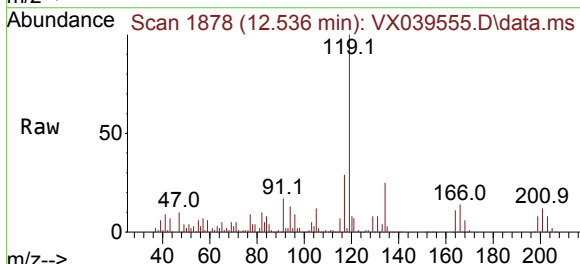
Acq: 29 Dec 2023 18:57

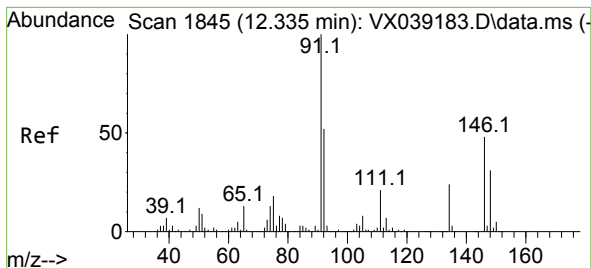
Tgt Ion:117 Resp: 72750

Ion Ratio Lower Upper

117 100

201 41.8 32.9 98.6





#91

1,2-Dichlorobenzene

Concen: 48.375 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. -0.000 min

Lab File: VX039555.D

Acq: 29 Dec 2023 18:57

Instrument :

MSVOA_X

ClientSampleId :

SB32-2-20231222-7.5-8.5MSD

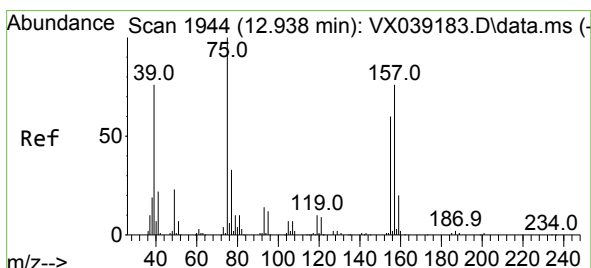
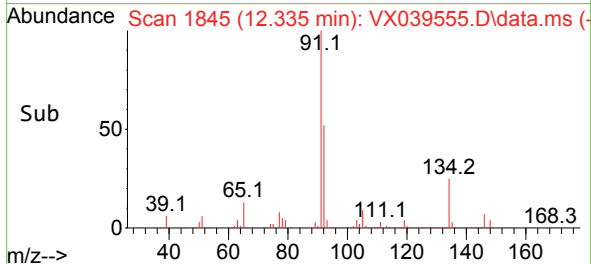
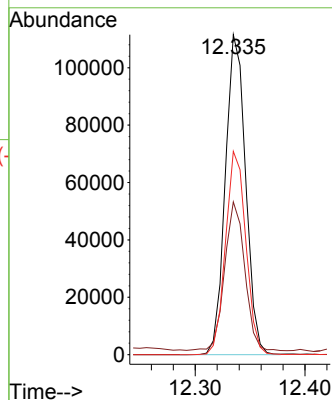
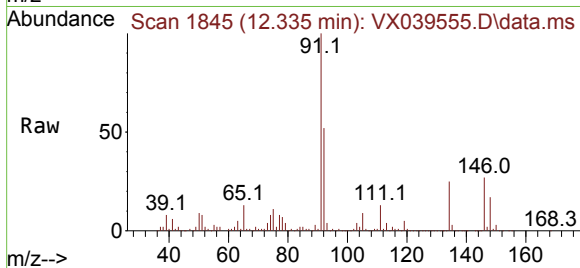
Tgt Ion:146 Resp: 143294

Ion Ratio Lower Upper

146 100

111 48.0 22.4 67.0

148 63.9 31.6 95.0



#92

1,2-Dibromo-3-Chloropropane

Concen: 65.278 ug/l

RT: 12.944 min Scan# 1945

Delta R.T. 0.006 min

Lab File: VX039555.D

Acq: 29 Dec 2023 18:57

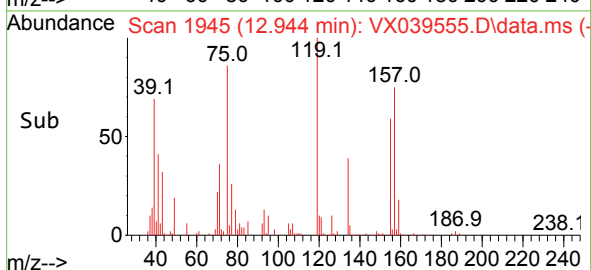
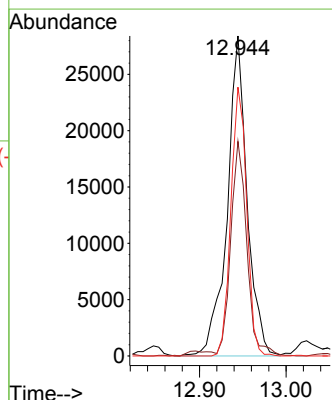
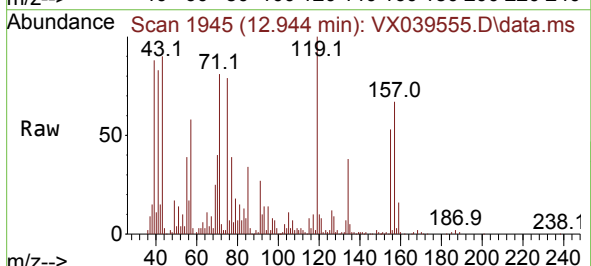
Tgt Ion: 75 Resp: 45580

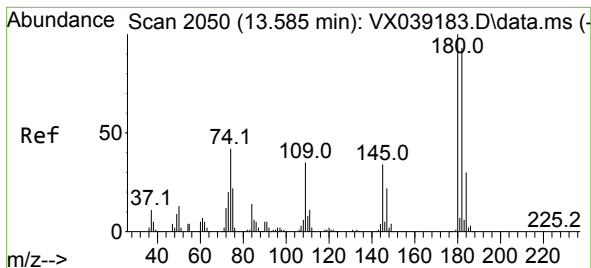
Ion Ratio Lower Upper

75 100

155 54.0 36.1 108.5

157 66.3 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 53.754 ug/l

RT: 13.591 min Scan# 2050

Delta R.T. 0.006 min

Lab File: VX039555.D

Acq: 29 Dec 2023 18:57

Instrument :

MSVOA_X

ClientSampleId :

SB32-2-20231222-7.5-8.5MSD

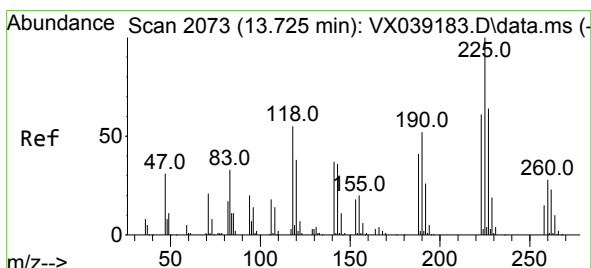
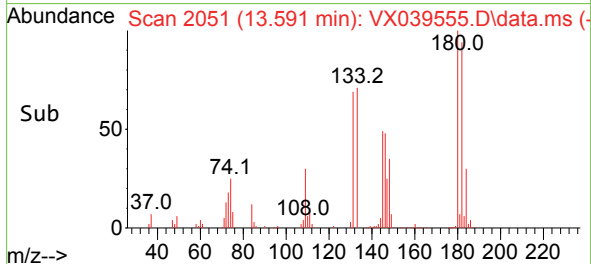
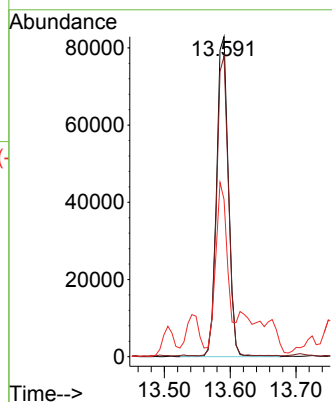
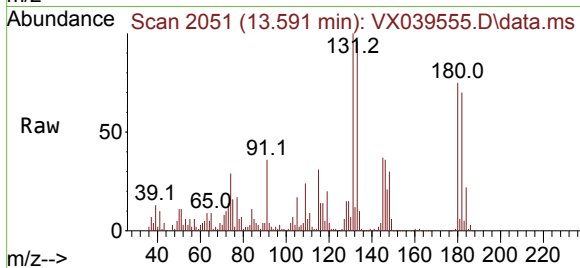
Tgt Ion:180 Resp: 104264

Ion Ratio Lower Upper

180 100

182 93.0 48.3 144.8

145 51.5 18.0 54.0



#94

Hexachlorobutadiene

Concen: 62.377 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. -0.000 min

Lab File: VX039555.D

Acq: 29 Dec 2023 18:57

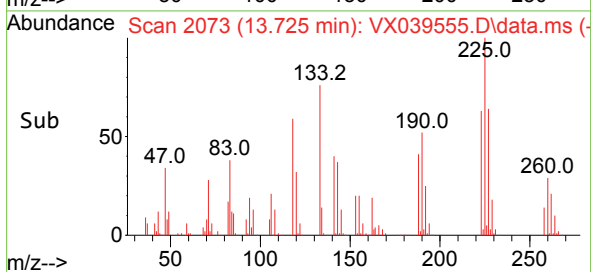
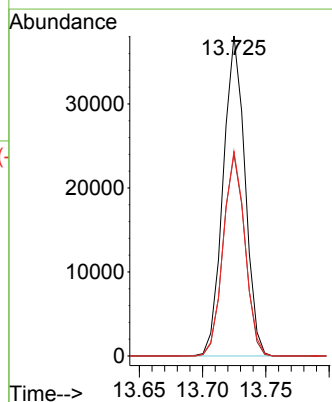
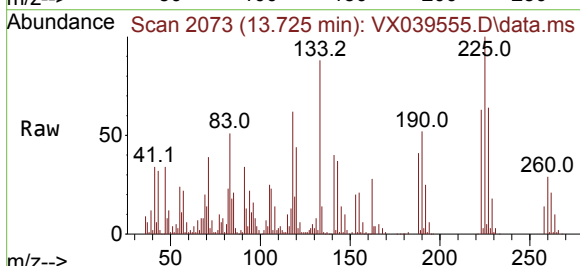
Tgt Ion:225 Resp: 45595

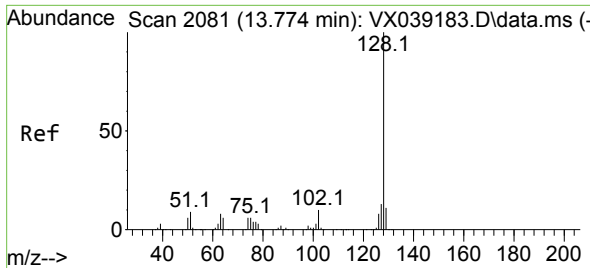
Ion Ratio Lower Upper

225 100

223 62.6 31.1 93.2

227 63.5 32.5 97.5



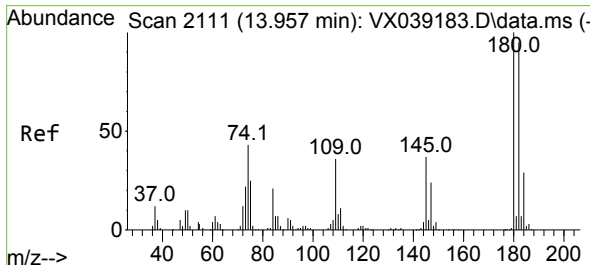
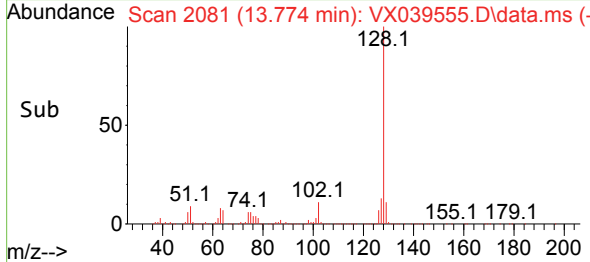
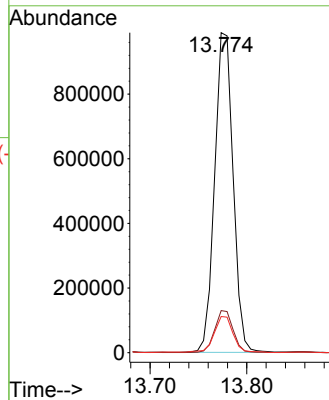
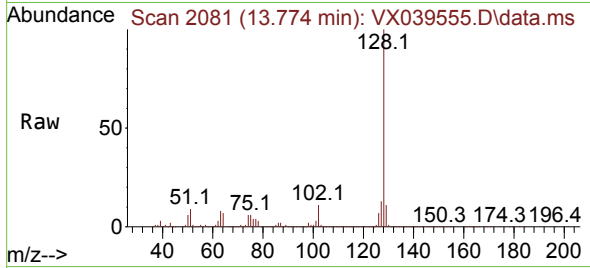


#95
Naphthalene
Concen: 194.387 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX039555.D
Acq: 29 Dec 2023 18:57

Instrument :
MSVOA_X
ClientSampleId :
SB32-2-20231222-7.5-8.5MSD

Tgt Ion:128 Resp: 1313063

Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.3	15.5
129	11.6	8.8	13.2



#96
1,2,3-Trichlorobenzene
Concen: 53.589 ug/l
RT: 13.962 min Scan# 2112
Delta R.T. 0.006 min
Lab File: VX039555.D
Acq: 29 Dec 2023 18:57

Tgt Ion:180 Resp: 100344

Ion	Ratio	Lower	Upper
180	100		
182	97.2	46.9	140.6
145	49.9	17.8	53.5

