

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082125\
 Data File : VX047470.D
 Acq On : 21 Aug 2025 15:10
 Operator : JC/MD
 Sample : VX0821WBSD02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0821WBSD02

Quant Time: Aug 22 03:48:12 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 18 04:18:28 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	212992	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	387607	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	358612	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	178936	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	167841	56.306	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	112.620%
35) Dibromofluoromethane	5.397	113	131360	52.218	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.440%
50) Toluene-d8	8.653	98	453168	50.400	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	100.800%
62) 4-Bromofluorobenzene	11.079	95	174410	52.565	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	105.120%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.185	85	49910	18.382	ug/l	95
3) Chloromethane	1.313	50	56672	23.202	ug/l	94
4) Vinyl Chloride	1.392	62	57486	18.751	ug/l #	1
5) Bromomethane	1.630	94	18183	14.684	ug/l	99
6) Chloroethane	1.709	64	41382	22.062	ug/l	99
7) Trichlorofluoromethane	1.904	101	86493	19.073	ug/l	98
8) Diethyl Ether	2.148	74	34715	21.741	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.349	101	52550	19.977	ug/l	98
10) Methyl Iodide	2.471	142	64378	14.281	ug/l	96
11) Tert butyl alcohol	2.959	59	30072	115.965	ug/l	99
12) 1,1-Dichloroethene	2.337	96	51955	19.374	ug/l	97
13) Acrolein	2.252	56	45885	83.821	ug/l	97
14) Allyl chloride	2.678	41	95811	20.570	ug/l	95
15) Acrylonitrile	3.087	53	142712	113.889	ug/l	98
16) Acetone	2.392	43	112185	100.124	ug/l	97
17) Carbon Disulfide	2.532	76	156090	19.288	ug/l	100
18) Methyl Acetate	2.715	43	72344	24.916	ug/l	97
19) Methyl tert-butyl Ether	3.123	73	184924	22.667	ug/l	100
20) Methylene Chloride	2.806	84	64983	21.902	ug/l	98
21) trans-1,2-Dichloroethene	3.111	96	57614	20.242	ug/l	95
22) Diisopropyl ether	3.770	45	213622	23.202	ug/l	86
23) Vinyl Acetate	3.733	43	858443	113.754	ug/l	100
24) 1,1-Dichloroethane	3.623	63	113660	21.840	ug/l	98
25) 2-Butanone	4.568	43	173429	118.185	ug/l	98
26) 2,2-Dichloropropane	4.495	77	72703	18.510	ug/l	98
27) cis-1,2-Dichloroethene	4.501	96	69579	20.988	ug/l	100
28) Bromochloromethane	4.910	49	53631	24.766	ug/l	99
29) Tetrahydrofuran	5.025	42	108836	114.750	ug/l	98
30) Chloroform	5.105	83	118636	22.337	ug/l	98
31) Cyclohexane	5.483	56	95390	19.884	ug/l	97
32) 1,1,1-Trichloroethane	5.397	97	93070	20.359	ug/l	98
36) 1,1-Dichloropropene	5.708	75	73822	18.590	ug/l	100
37) Ethyl Acetate	4.733	43	78749	19.102	ug/l	98
38) Carbon Tetrachloride	5.690	117	78634	18.120	ug/l	98
39) Methylcyclohexane	7.391	83	91057	18.383	ug/l	97
40) Benzene	6.044	78	240955	20.272	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.940	41	33881	19.489	ug/l	93
42) 1,2-Dichloroethane	6.098	62	89446	21.245	ug/l	100
43) Isopropyl Acetate	6.348	43	124715	21.058	ug/l	100
44) Trichloroethene	7.135	130	57927	19.033	ug/l	93
45) 1,2-Dichloropropane	7.434	63	61852	20.772	ug/l	100
46) Dibromomethane	7.586	93	46272	21.404	ug/l	97
47) Bromodichloromethane	7.824	83	93362	20.832	ug/l	97
48) Methyl methacrylate	7.696	41	62678	20.389	ug/l	99
49) 1,4-Dioxane	7.683	88	13231	442.737	ug/l	97
51) 4-Methyl-2-Pentanone	8.574	43	379233	111.273	ug/l	97
52) Toluene	8.720	92	151373	20.610	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	80696	20.631	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	93426	21.102	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	60368	21.648	ug/l	99
56) Ethyl methacrylate	9.116	69	88230	21.460	ug/l	99
57) 1,3-Dichloropropane	9.311	76	105562	22.215	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	175281	94.652	ug/l	98
59) 2-Hexanone	9.433	43	250637	106.316	ug/l	99
60) Dibromochloromethane	9.519	129	69970	21.113	ug/l	100
61) 1,2-Dibromoethane	9.610	107	61608	21.424	ug/l	100
64) Tetrachloroethene	9.275	164	48201	18.582	ug/l	97
65) Chlorobenzene	10.079	112	169740	19.918	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	58930	20.456	ug/l	99
67) Ethyl Benzene	10.195	91	286149	19.509	ug/l	98
68) m/p-Xylenes	10.299	106	217876	39.837	ug/l	99
69) o-Xylene	10.640	106	105007	19.951	ug/l	99
70) Styrene	10.652	104	182503	20.522	ug/l	99
71) Bromoform	10.799	173	43916	20.292	ug/l	99
73) Isopropylbenzene	10.963	105	274992	19.639	ug/l	100
74) N-amyl acetate	10.841	43	107538	20.224	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.207	83	86750	21.101	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	80898	24.650	ug/l	89
77) Bromobenzene	11.195	156	68118	19.922	ug/l	98
78) n-propylbenzene	11.305	91	335708	20.074	ug/l	99
79) 2-Chlorotoluene	11.360	91	200021	19.786	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	227578	19.753	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	10477	19.559	ug/l	91
82) 4-Chlorotoluene	11.451	91	235407	19.754	ug/l	99
83) tert-Butylbenzene	11.713	119	229679	19.982	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	229266	19.899	ug/l	99
85) sec-Butylbenzene	11.890	105	283877	19.926	ug/l	100
86) p-Isopropyltoluene	12.006	119	236591	19.625	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	130291	19.946	ug/l	100
88) 1,4-Dichlorobenzene	12.036	146	131270	19.539	ug/l	98
89) n-Butylbenzene	12.329	91	221505	19.754	ug/l	99
90) Hexachloroethane	12.536	117	39637	18.741	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	126448	20.394	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	15805	19.879	ug/l	98
93) 1,2,4-Trichlorobenzene	13.585	180	81858	19.694	ug/l	97
94) Hexachlorobutadiene	13.725	225	27272	18.433	ug/l	98
95) Naphthalene	13.774	128	253357	21.329	ug/l	99
96) 1,2,3-Trichlorobenzene	13.957	180	77303	19.730	ug/l	99

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QLast Update : Mon Aug 18 04:18:28 2025
Response via : Initial Calibration

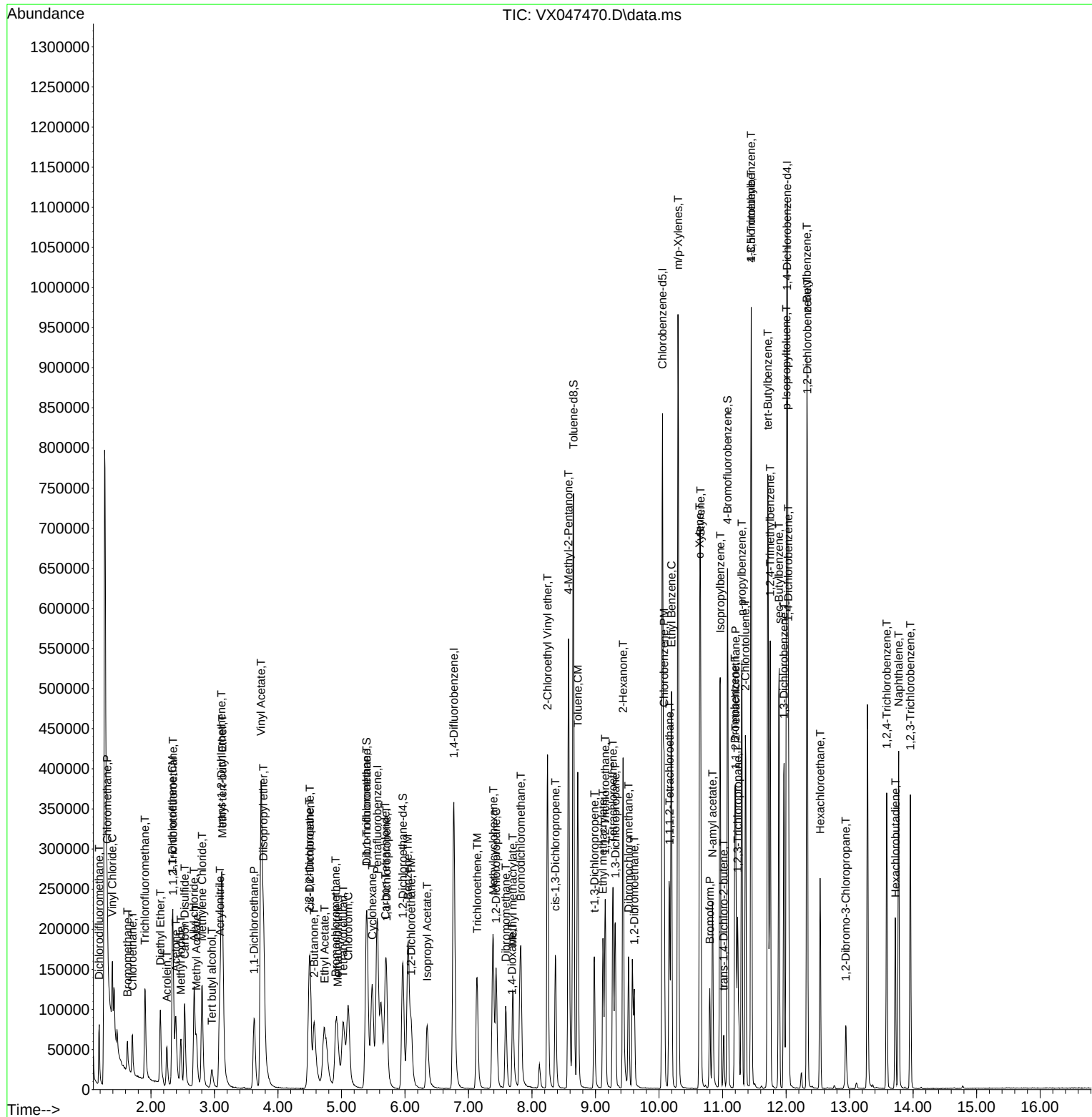
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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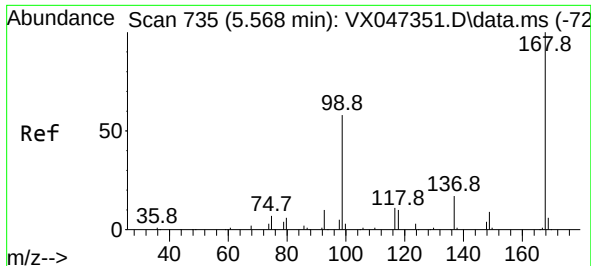
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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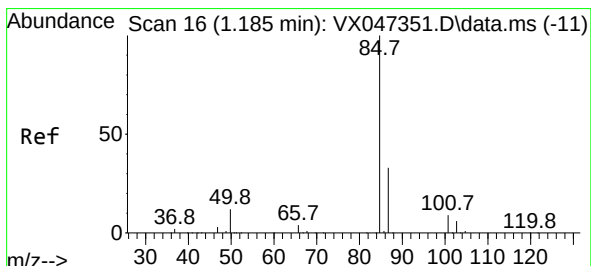
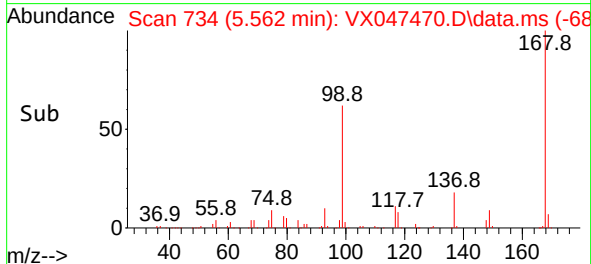
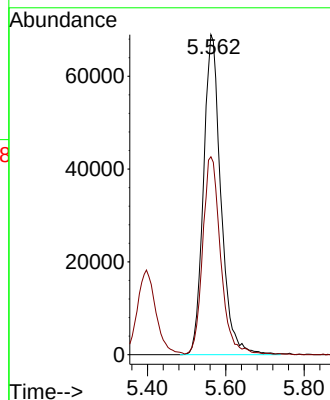
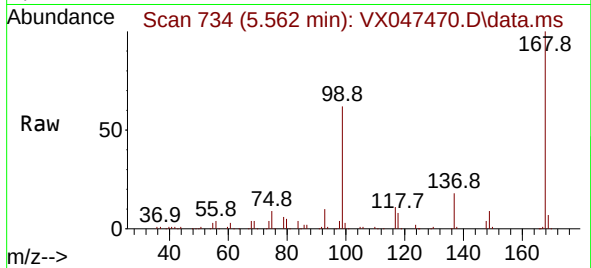




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.006 min
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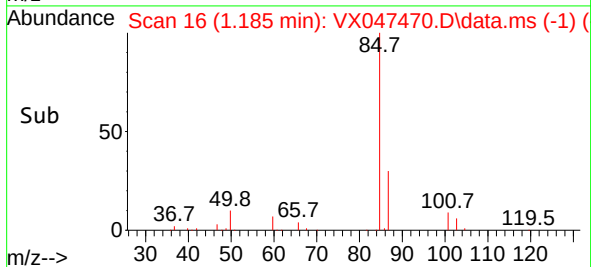
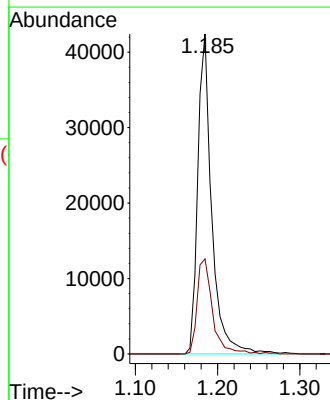
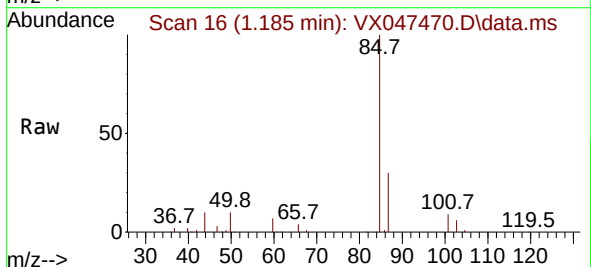
Instrument :
MSVOA_X
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VX0821WBSD02

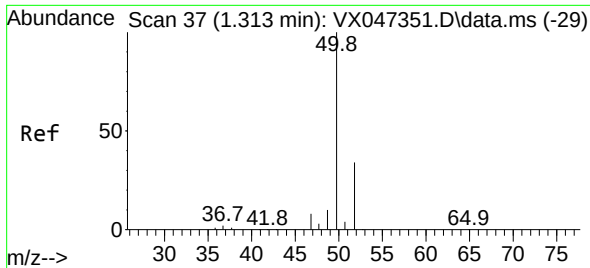
Tgt Ion:168 Resp: 212992
Ion Ratio Lower Upper
168 100
99 61.5 47.9 71.9



#2
Dichlorodifluoromethane
Concen: 18.382 ug/l
RT: 1.185 min Scan# 16
Delta R.T. 0.000 min
Lab File: VX047470.D
Acq: 21 Aug 2025 15:10

Tgt Ion: 85 Resp: 49910
Ion Ratio Lower Upper
85 100
87 29.7 16.4 49.1

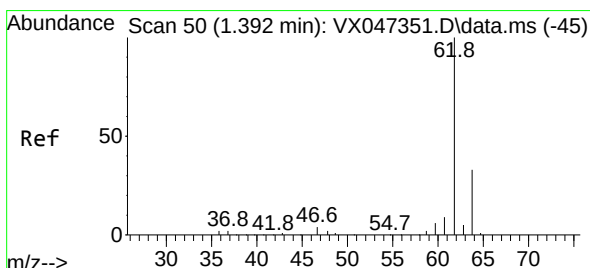
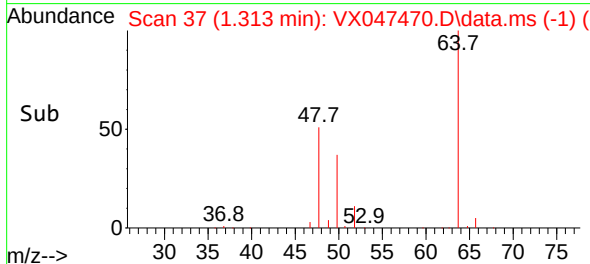
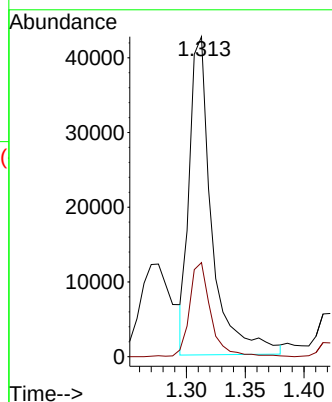
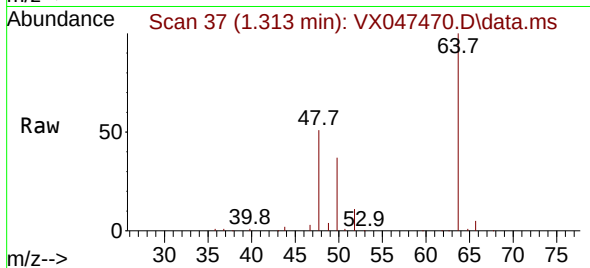




#3
Chloromethane
Concen: 23.202 ug/l
RT: 1.313 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX047470.D
Acq: 21 Aug 2025 15:10

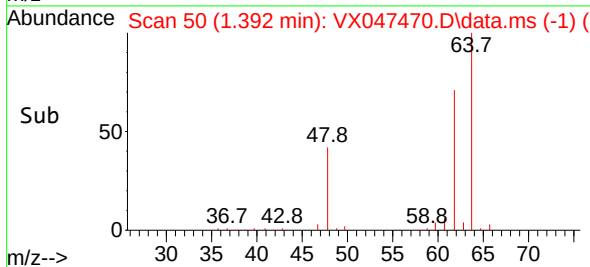
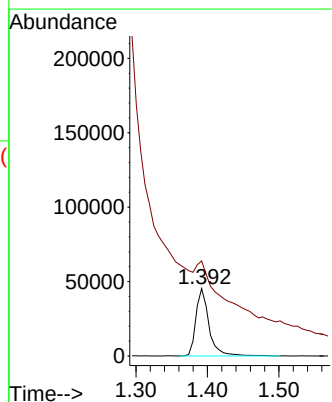
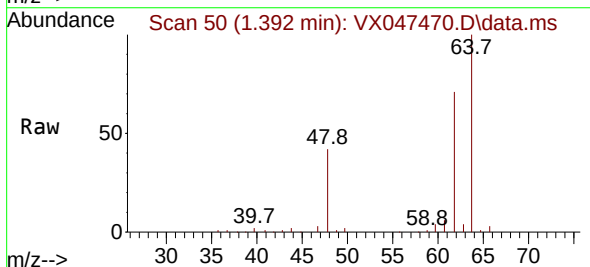
Instrument :
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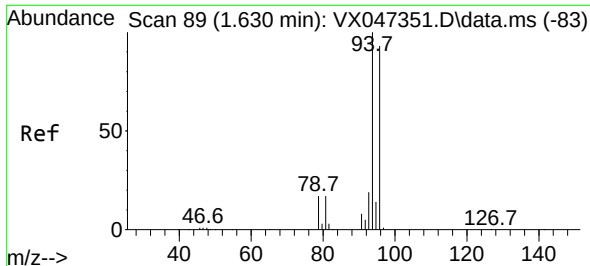
Tgt Ion: 50 Resp: 56672
Ion Ratio Lower Upper
50 100
52 30.2 27.0 40.4



#4
Vinyl Chloride
Concen: 18.751 ug/l
RT: 1.392 min Scan# 50
Delta R.T. 0.000 min
Lab File: VX047470.D
Acq: 21 Aug 2025 15:10

Tgt Ion: 62 Resp: 57486
Ion Ratio Lower Upper
62 100
64 88.9 26.5 39.7#

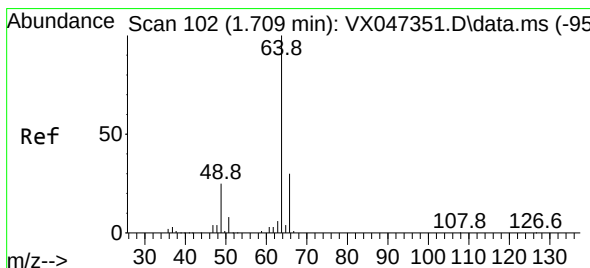
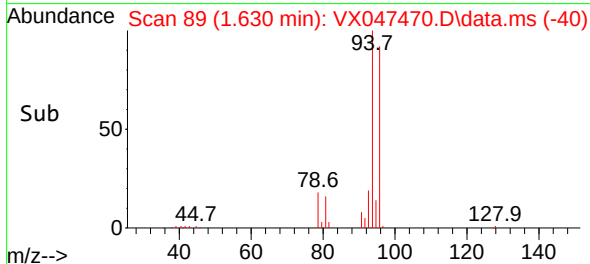
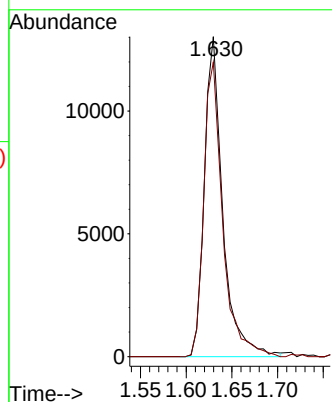
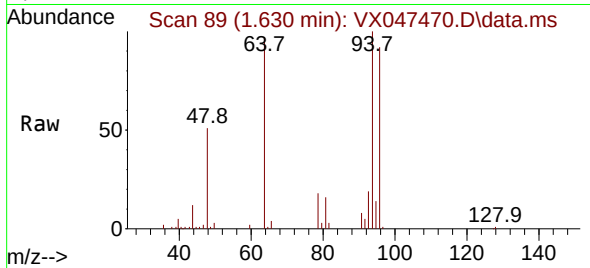




#5
Bromomethane
Concen: 14.684 ug/l
RT: 1.630 min Scan# 89
Delta R.T. 0.000 min
Lab File: VX047470.D
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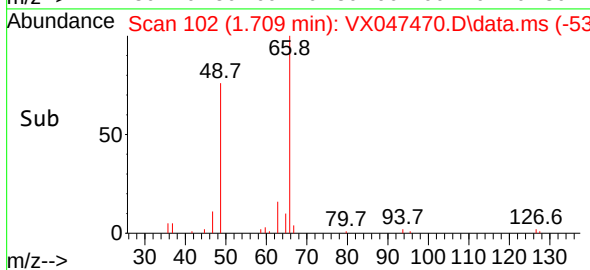
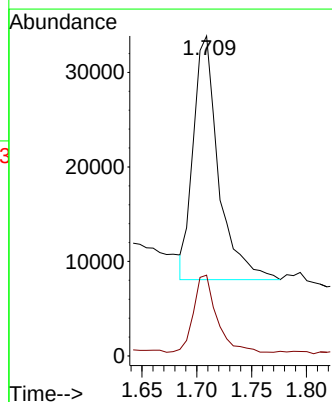
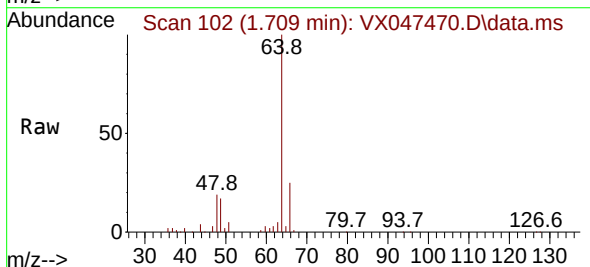
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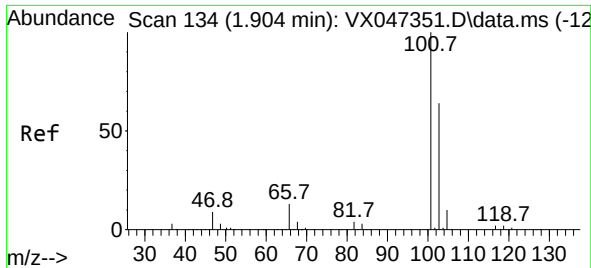
Tgt Ion: 94 Resp: 18183
Ion Ratio Lower Upper
94 100
96 92.9 74.7 112.1



#6
Chloroethane
Concen: 22.062 ug/l
RT: 1.709 min Scan# 102
Delta R.T. 0.000 min
Lab File: VX047470.D
Acq: 21 Aug 2025 15:10

Tgt Ion: 64 Resp: 41382
Ion Ratio Lower Upper
64 100
66 31.2 24.4 36.6

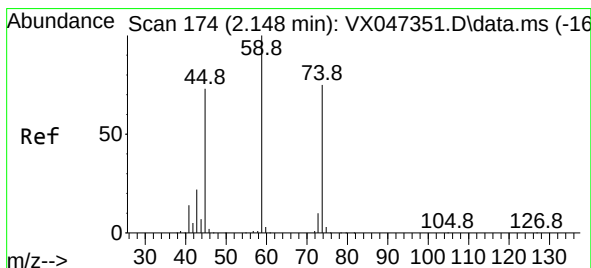
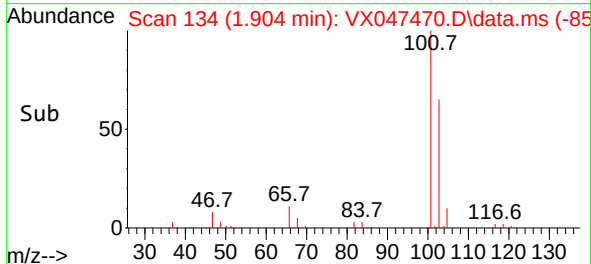
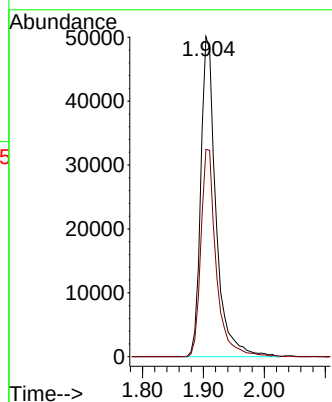
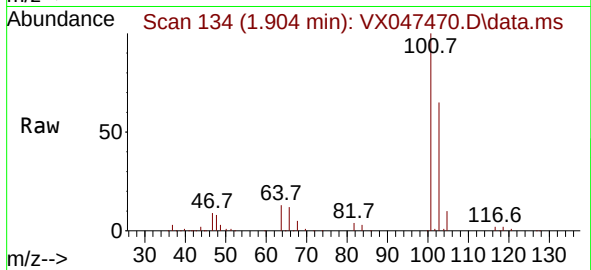




#7
 Trichlorofluoromethane
 Concen: 19.073 ug/l
 RT: 1.904 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX047470.D
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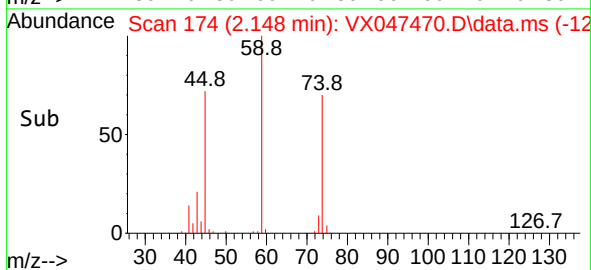
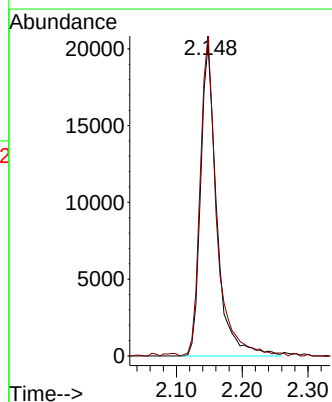
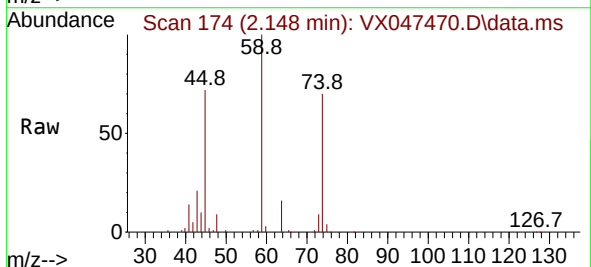
Instrument :
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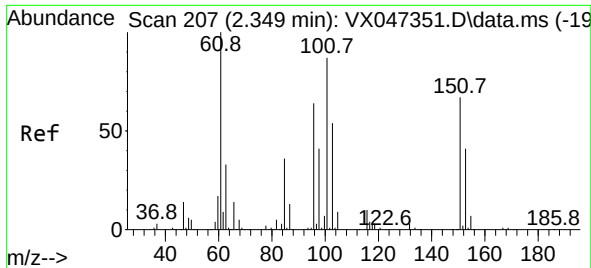
Tgt Ion:101 Resp: 86493
 Ion Ratio Lower Upper
 101 100
 103 64.8 50.9 76.3



#8
 Diethyl Ether
 Concen: 21.741 ug/l
 RT: 2.148 min Scan# 174
 Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 34715
 Ion Ratio Lower Upper
 74 100
 45 104.5 51.3 154.0

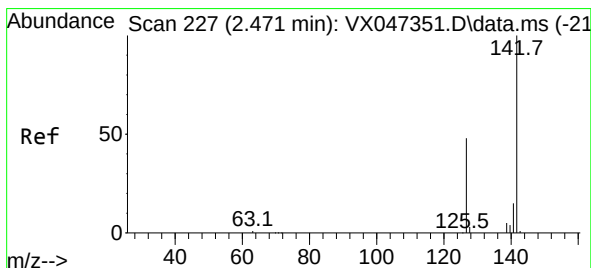
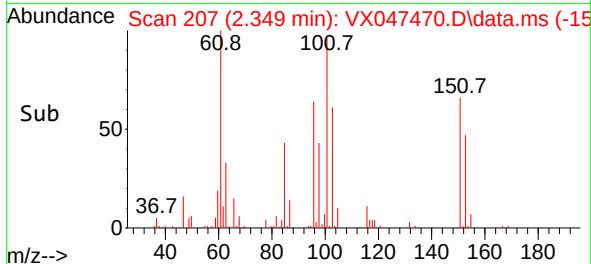
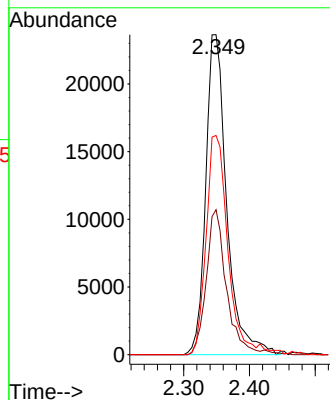
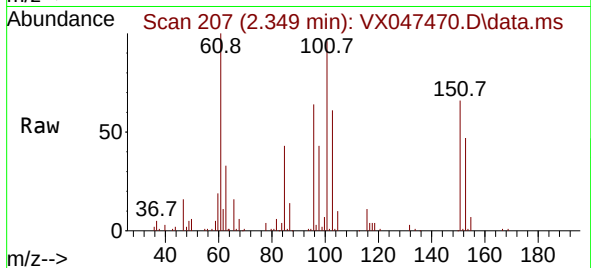




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 19.977 ug/l
 RT: 2.349 min Scan# 207
 Delta R.T. 0.000 min
 Lab File: VX047470.D
 Acq: 21 Aug 2025 15:10

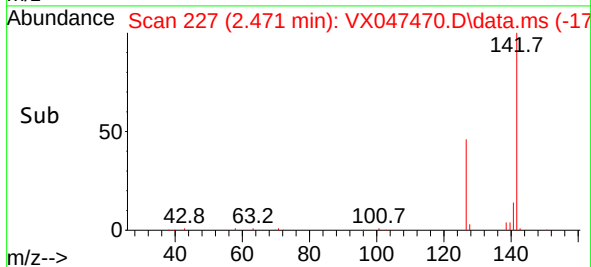
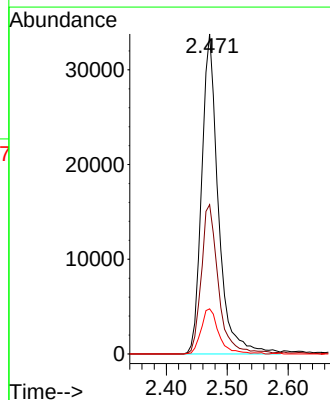
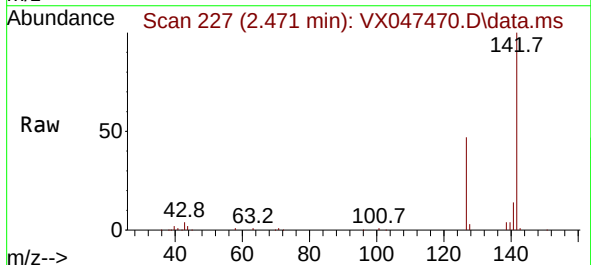
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0821WBSD02

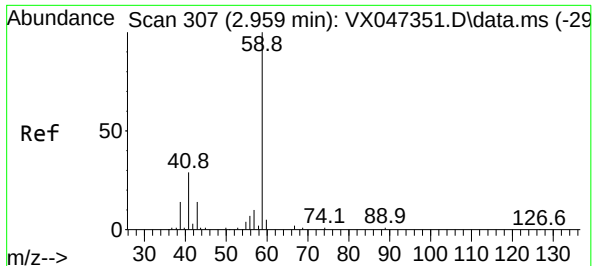
Tgt Ion:	101	Resp:	52550
Ion	Ratio	Lower	Upper
101	100		
85	44.0	34.3	51.5
151	71.8	59.2	88.8



#10
 Methyl Iodide
 Concen: 14.281 ug/l
 RT: 2.471 min Scan# 227
 Delta R.T. 0.000 min
 Lab File: VX047470.D
 Acq: 21 Aug 2025 15:10

Tgt Ion:	142	Resp:	64378
Ion	Ratio	Lower	Upper
142	100		
127	48.0	36.1	54.1
141	15.1	11.1	16.7





#11

Tert butyl alcohol

Concen: 115.965 ug/l

RT: 2.959 min Scan# 307

Delta R.T. 0.000 min

Lab File: VX047470.D

Acq: 21 Aug 2025 15:10

Instrument :

MSVOA_X

ClientSampleId :

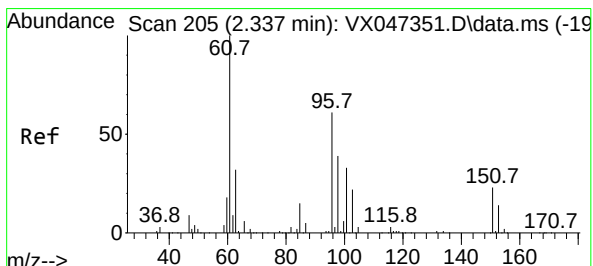
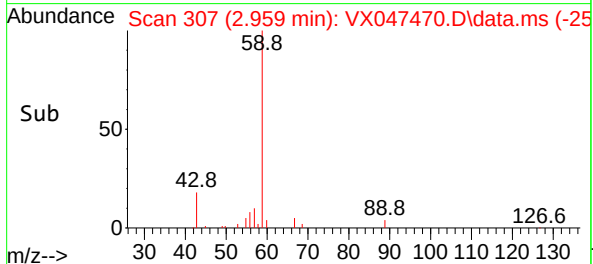
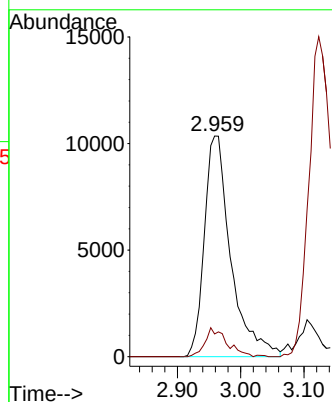
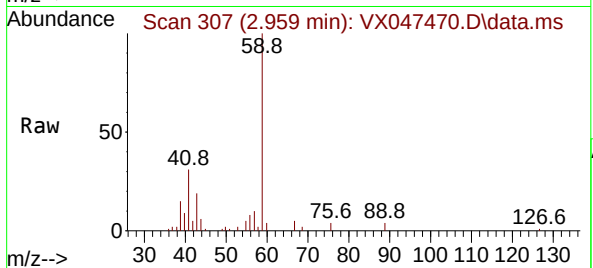
VX0821WBSD02

Tgt Ion: 59 Resp: 30072

Ion Ratio Lower Upper

59 100

57 10.8 8.3 12.5



#12

1,1-Dichloroethene

Concen: 19.374 ug/l

RT: 2.337 min Scan# 205

Delta R.T. 0.000 min

Lab File: VX047470.D

Acq: 21 Aug 2025 15:10

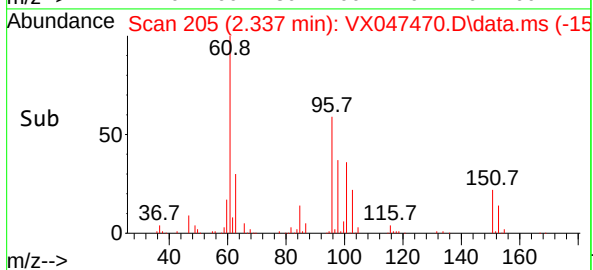
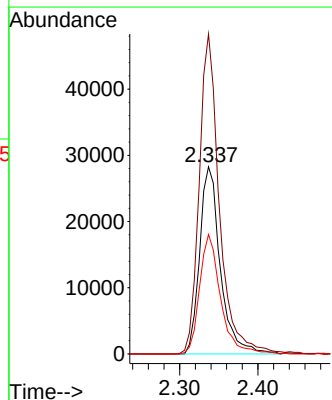
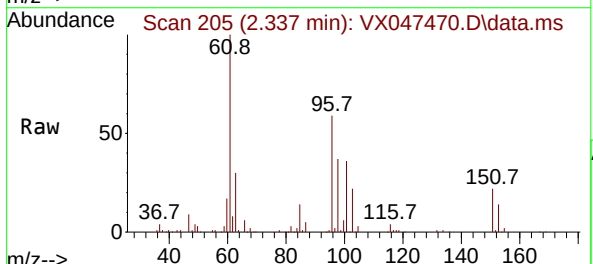
Tgt Ion: 96 Resp: 51955

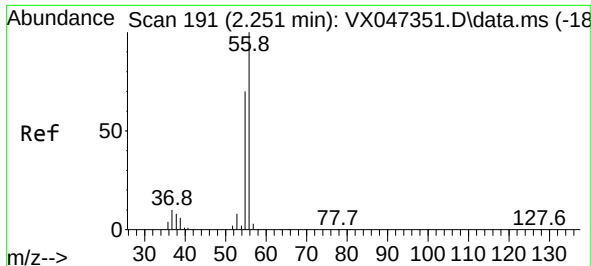
Ion Ratio Lower Upper

96 100

61 170.6 132.2 198.2

98 63.8 51.2 76.8

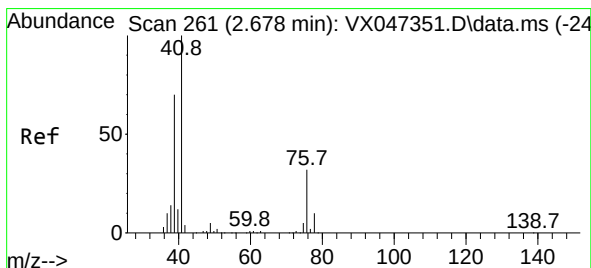
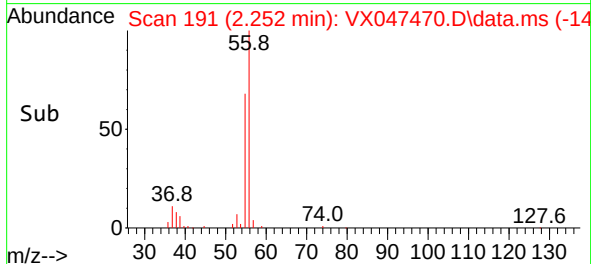
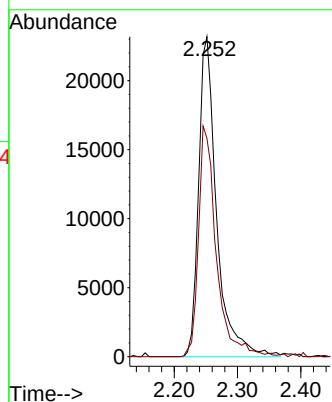
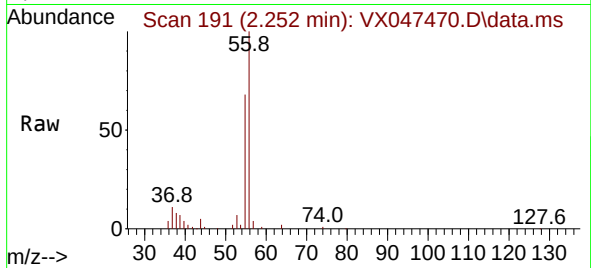




#13
Acrolein
Concen: 83.821 ug/l
RT: 2.252 min Scan# 191
Delta R.T. 0.000 min
Lab File: VX047470.D
Acq: 21 Aug 2025 15:10

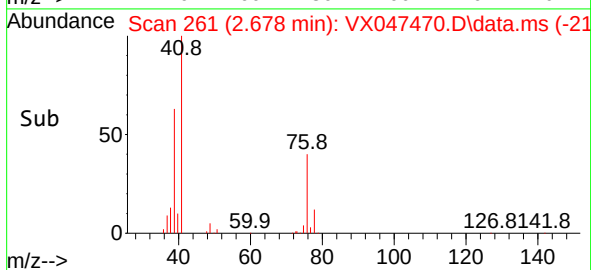
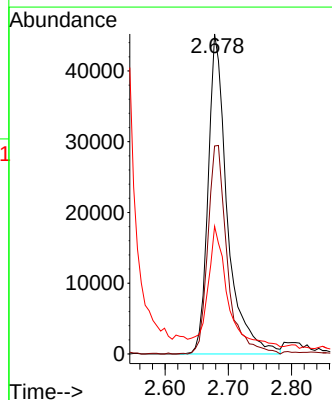
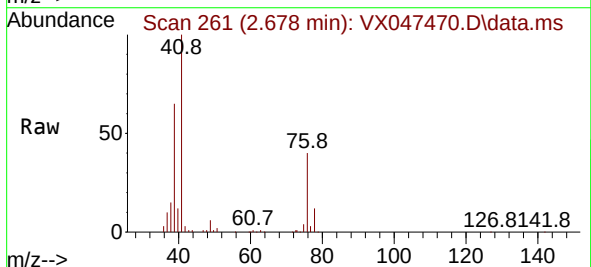
Instrument :
MSVOA_X
ClientSampleId :
VX0821WBSD02

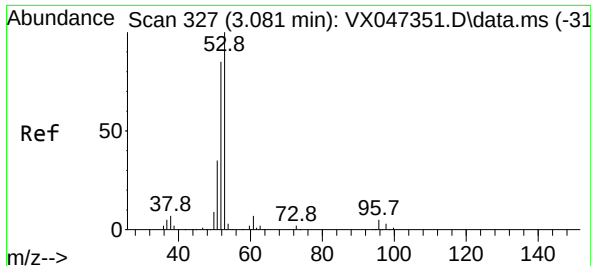
Tgt Ion: 56 Resp: 45885
Ion Ratio Lower Upper
56 100
55 71.5 55.5 83.3



#14
Allyl chloride
Concen: 20.570 ug/l
RT: 2.678 min Scan# 261
Delta R.T. 0.000 min
Lab File: VX047470.D
Acq: 21 Aug 2025 15:10

Tgt Ion: 41 Resp: 95811
Ion Ratio Lower Upper
41 100
39 65.8 54.6 81.8
76 39.5 27.6 41.4

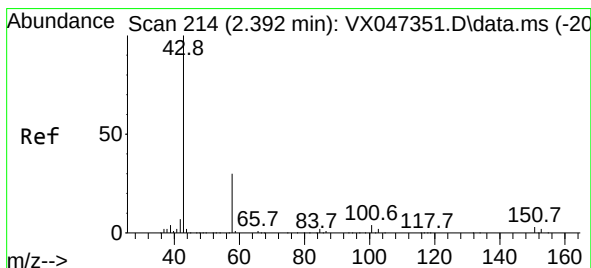
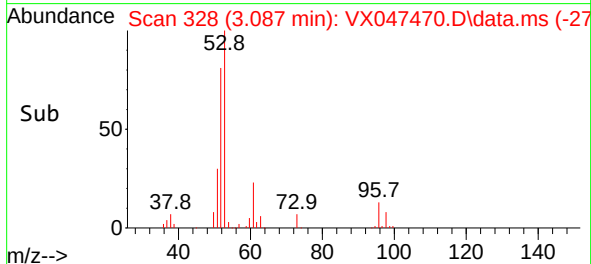
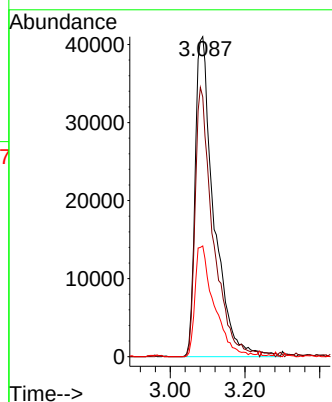
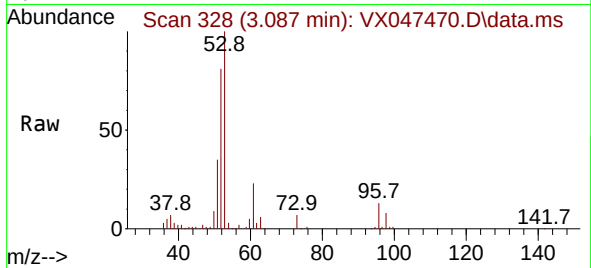




#15
Acrylonitrile
Concen: 113.889 ug/l
RT: 3.087 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX047470.D
Acq: 21 Aug 2025 15:10

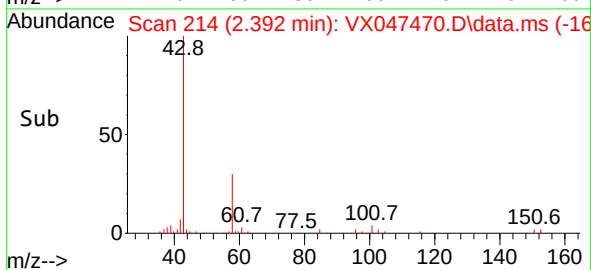
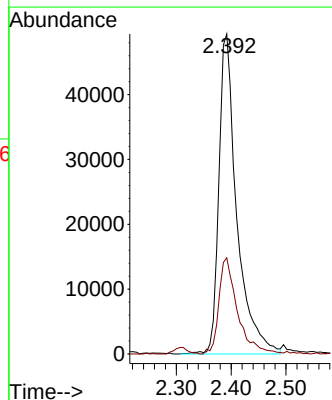
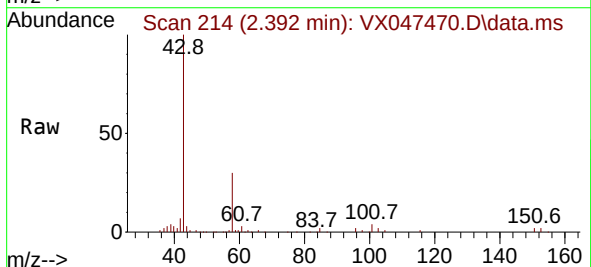
Instrument :
MSVOA_X
ClientSampleId :
VX0821WBSD02

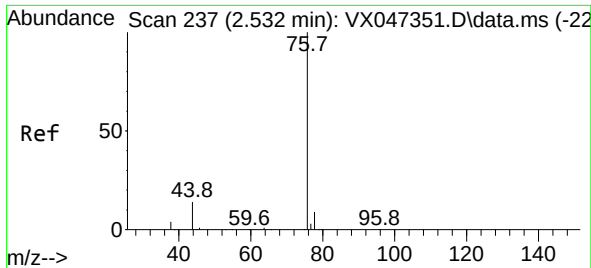
Tgt Ion: 53 Resp: 142712
Ion Ratio Lower Upper
53 100
52 79.5 65.8 98.6
51 35.3 28.2 42.2



#16
Acetone
Concen: 100.124 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.000 min
Lab File: VX047470.D
Acq: 21 Aug 2025 15:10

Tgt Ion: 43 Resp: 112185
Ion Ratio Lower Upper
43 100
58 29.6 24.8 37.2

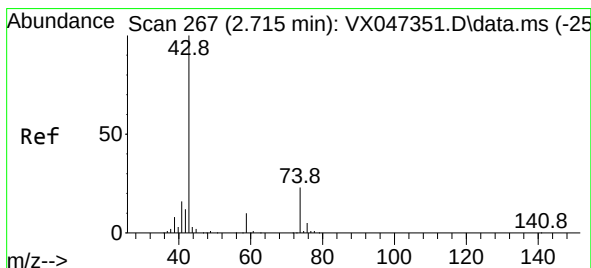
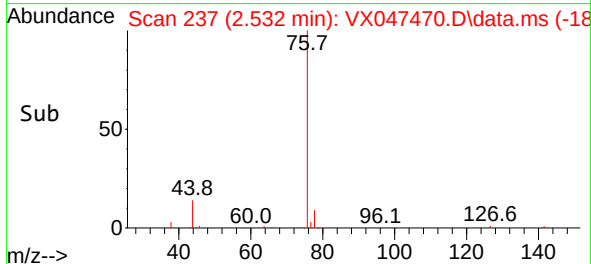
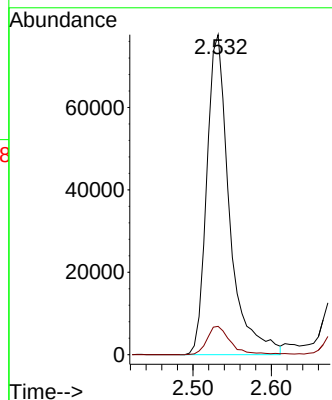
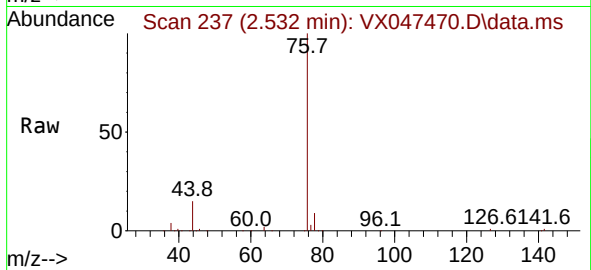




#17
Carbon Disulfide
Concen: 19.288 ug/l
RT: 2.532 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX047470.D
Acq: 21 Aug 2025 15:10

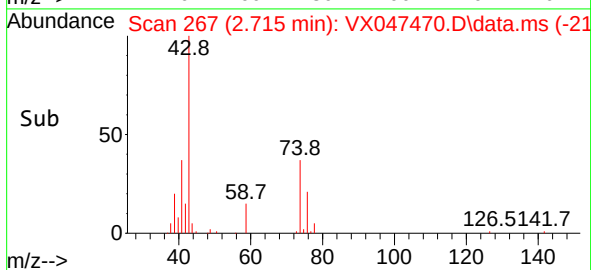
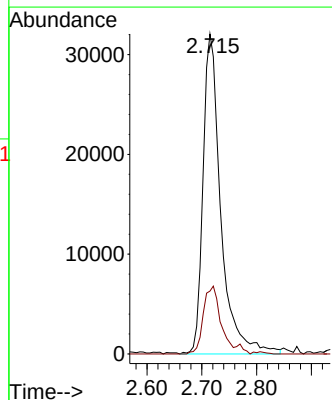
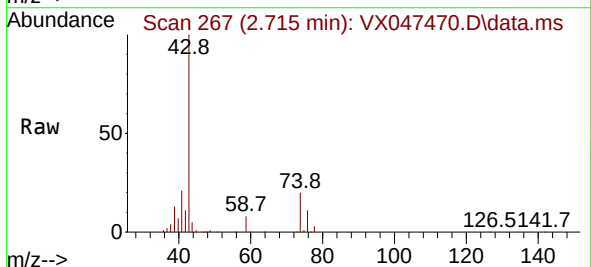
Instrument :
MSVOA_X
ClientSampleId :
VX0821WBSD02

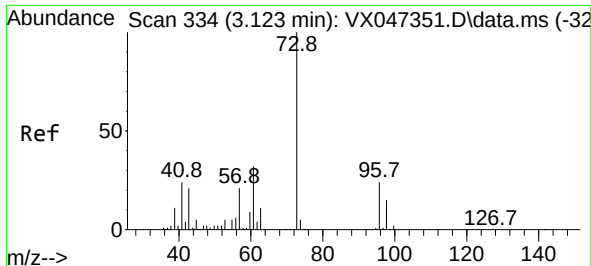
Tgt Ion: 76 Resp: 156090
Ion Ratio Lower Upper
76 100
78 8.8 7.2 10.8



#18
Methyl Acetate
Concen: 24.916 ug/l
RT: 2.715 min Scan# 267
Delta R.T. 0.000 min
Lab File: VX047470.D
Acq: 21 Aug 2025 15:10

Tgt Ion: 43 Resp: 72344
Ion Ratio Lower Upper
43 100
74 21.7 18.4 27.6

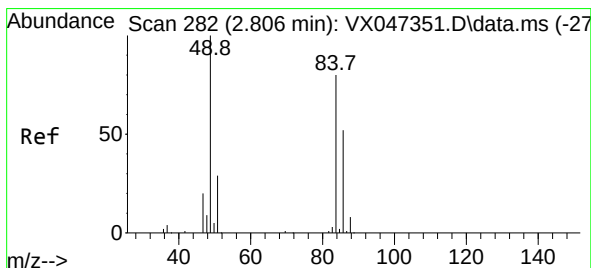
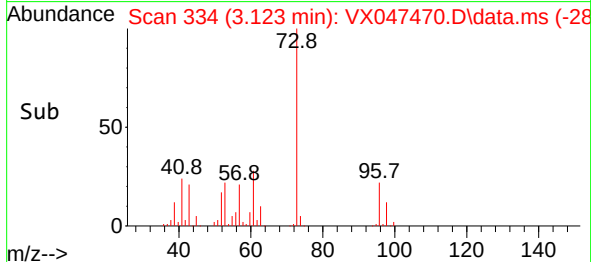
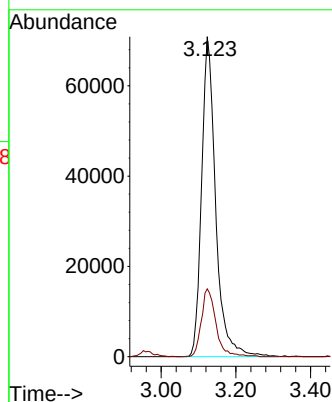
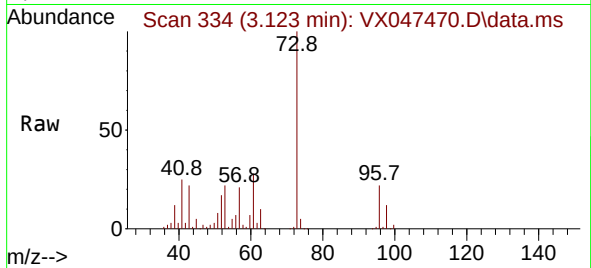




#19
Methyl tert-butyl Ether
Concen: 22.667 ug/l
RT: 3.123 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX047470.D
Acq: 21 Aug 2025 15:10

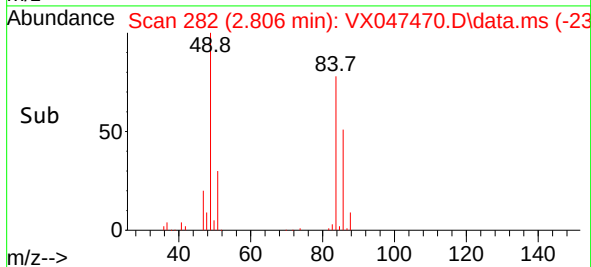
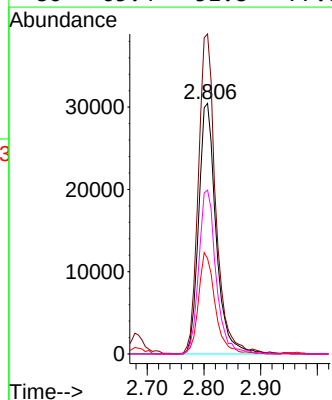
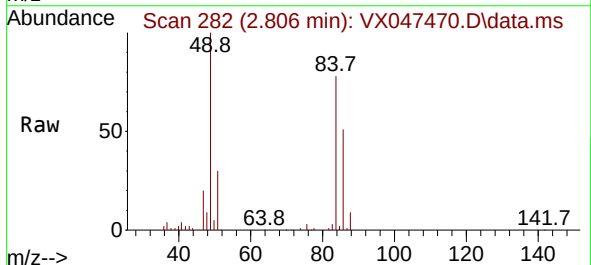
Instrument :
MSVOA_X
ClientSampleId :
VX0821WBSD02

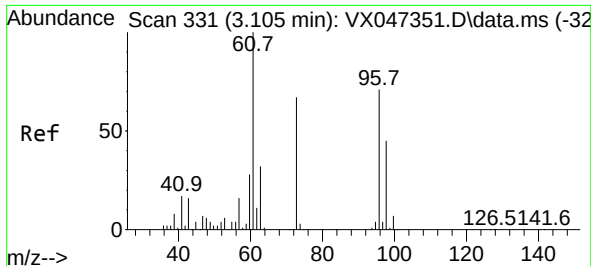
Tgt Ion: 73 Resp: 184924
Ion Ratio Lower Upper
73 100
57 21.2 17.0 25.6



#20
Methylene Chloride
Concen: 21.902 ug/l
RT: 2.806 min Scan# 282
Delta R.T. 0.000 min
Lab File: VX047470.D
Acq: 21 Aug 2025 15:10

Tgt Ion: 84 Resp: 64983
Ion Ratio Lower Upper
84 100
49 127.6 100.1 150.1
51 38.1 29.5 44.3
86 65.4 51.8 77.8

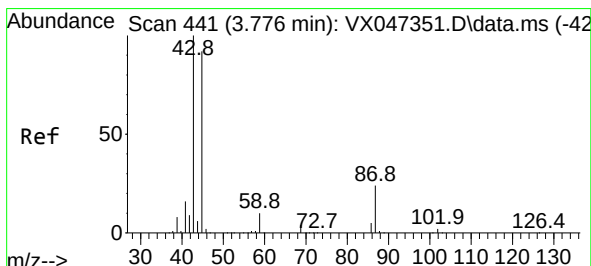
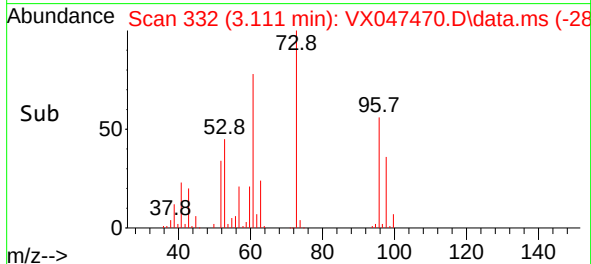
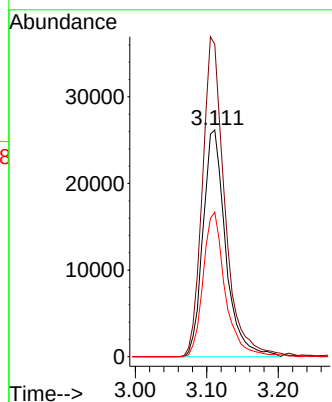
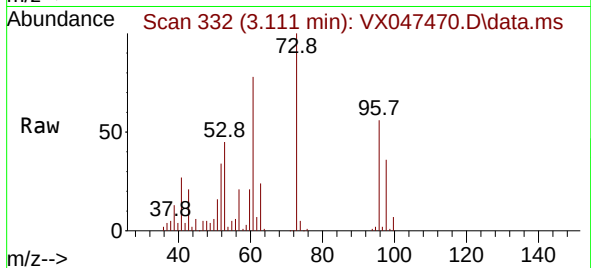




#21
trans-1,2-Dichloroethene
Concen: 20.242 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX047470.D
Acq: 21 Aug 2025 15:10

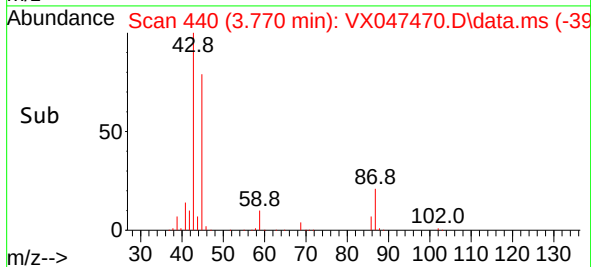
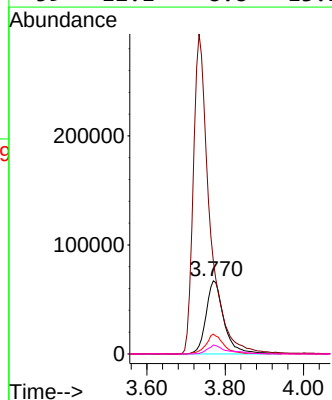
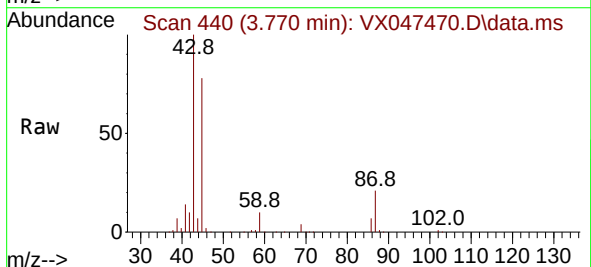
Instrument :
MSVOA_X
ClientSampleId :
VX0821WBSD02

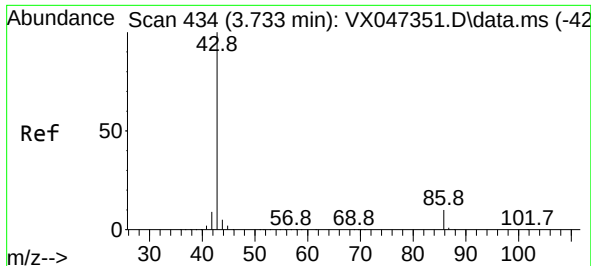
Tgt Ion: 96 Resp: 57614
Ion Ratio Lower Upper
96 100
61 132.7 112.6 169.0
98 61.3 50.9 76.3



#22
Diisopropyl ether
Concen: 23.202 ug/l
RT: 3.770 min Scan# 440
Delta R.T. -0.006 min
Lab File: VX047470.D
Acq: 21 Aug 2025 15:10

Tgt Ion: 45 Resp: 213622
Ion Ratio Lower Upper
45 100
43 127.0 86.8 130.2
87 27.0 20.4 30.6
59 12.1 8.8 13.2

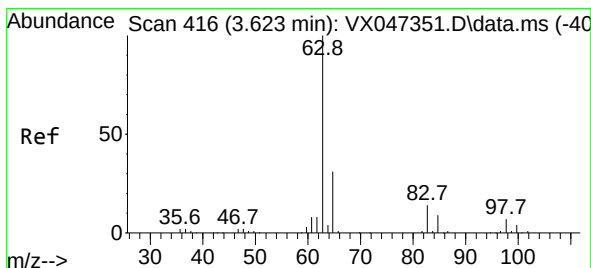
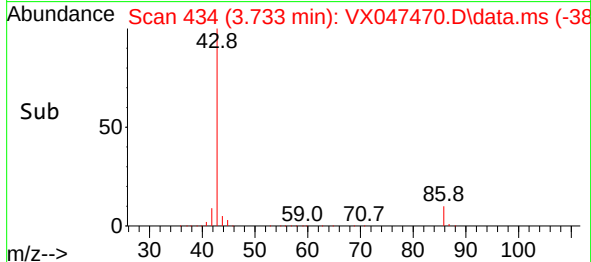
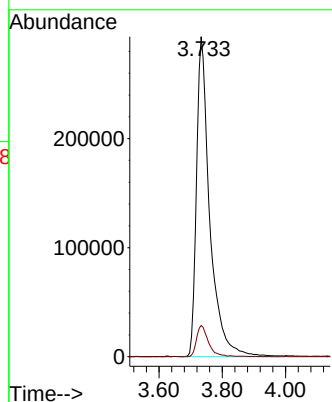
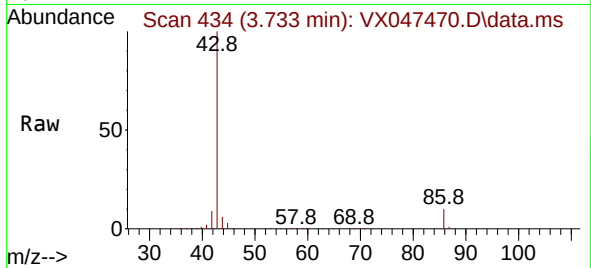




#23
 Vinyl Acetate
 Concen: 113.754 ug/l
 RT: 3.733 min Scan# 411
 Delta R.T. 0.000 min
 Lab File: VX047470.D
 Acq: 21 Aug 2025 15:10

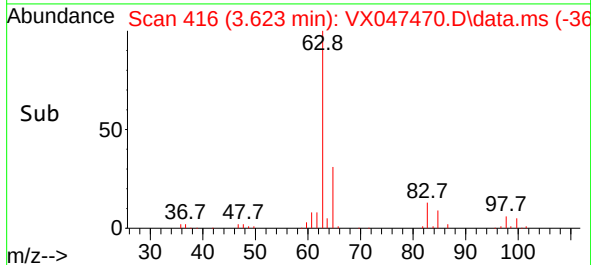
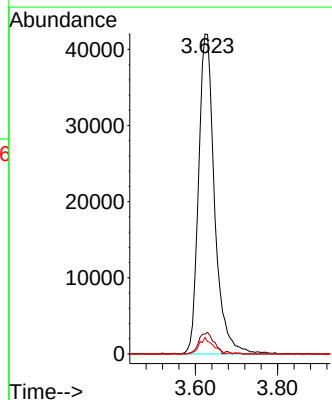
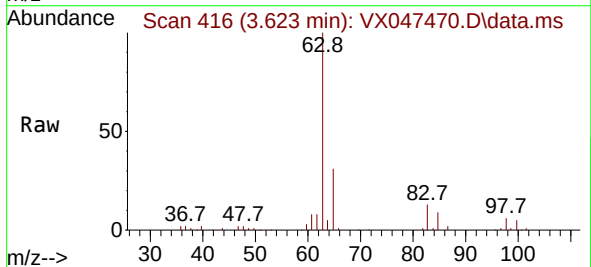
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0821WBSD02

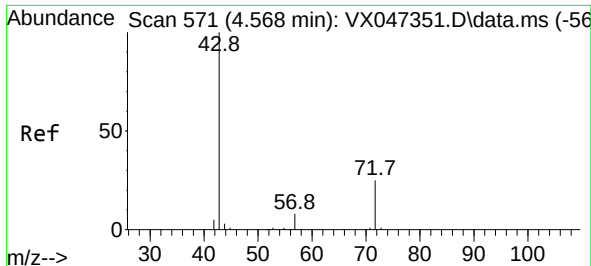
Tgt Ion: 43 Resp: 858443
 Ion Ratio Lower Upper
 43 100
 86 9.7 7.9 11.9



#24
 1,1-Dichloroethane
 Concen: 21.840 ug/l
 RT: 3.623 min Scan# 416
 Delta R.T. 0.000 min
 Lab File: VX047470.D
 Acq: 21 Aug 2025 15:10

Tgt Ion: 63 Resp: 113660
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.3 9.9
 100 5.4 2.1 6.3

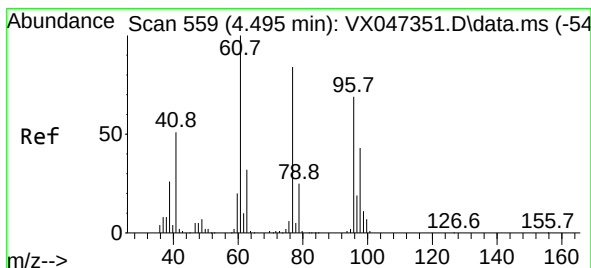
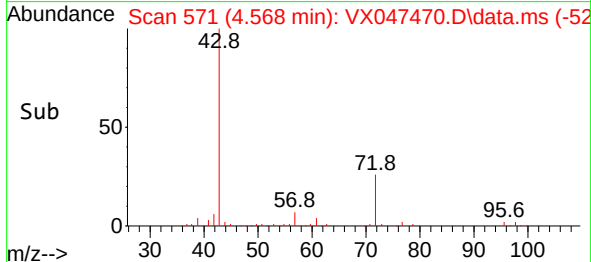
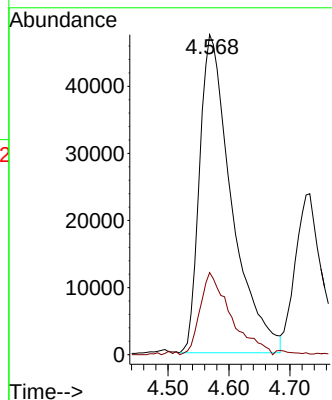
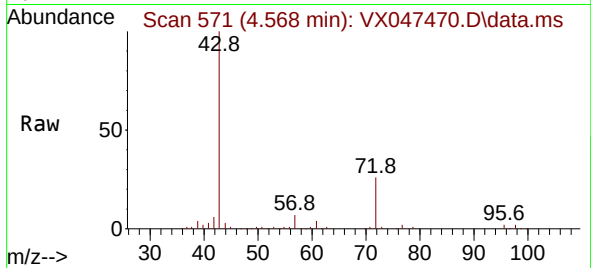




#25
2-Butanone
Concen: 118.185 ug/l
RT: 4.568 min Scan# 571
Delta R.T. 0.000 min
Lab File: VX047470.D
Acq: 21 Aug 2025 15:10

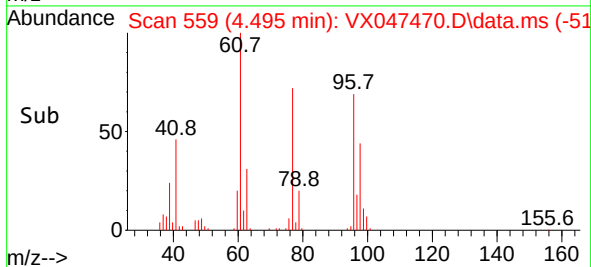
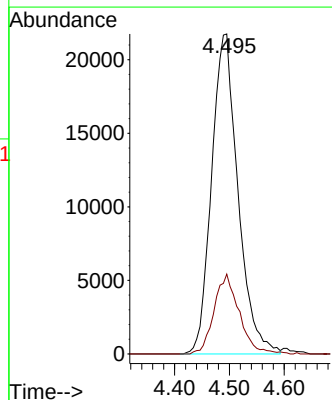
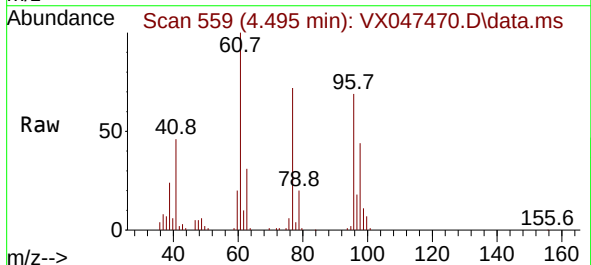
Instrument :
MSVOA_X
ClientSampleId :
VX0821WBSD02

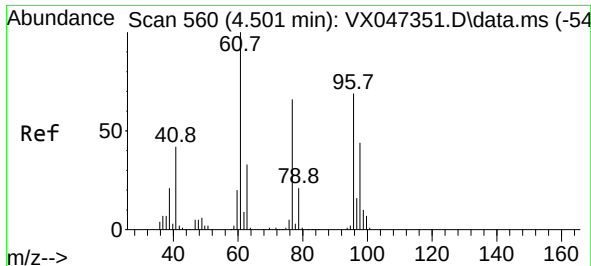
Tgt Ion: 43 Resp: 173429
Ion Ratio Lower Upper
43 100
72 25.9 19.8 29.8



#26
2,2-Dichloropropane
Concen: 18.510 ug/l
RT: 4.495 min Scan# 559
Delta R.T. 0.000 min
Lab File: VX047470.D
Acq: 21 Aug 2025 15:10

Tgt Ion: 77 Resp: 72703
Ion Ratio Lower Upper
77 100
97 23.7 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 20.988 ug/l

RT: 4.501 min Scan# 560

Delta R.T. 0.000 min

Lab File: VX047470.D

Acq: 21 Aug 2025 15:10

Instrument :

MSVOA_X

ClientSampleId :

VX0821WBSD02

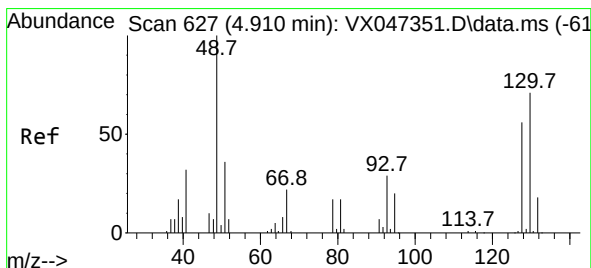
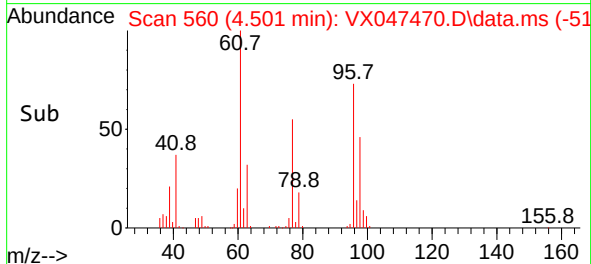
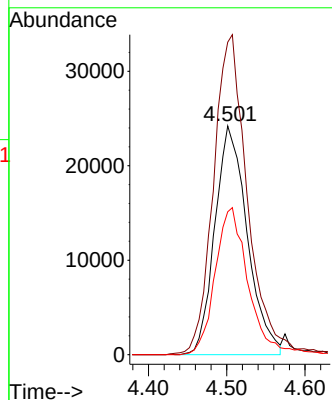
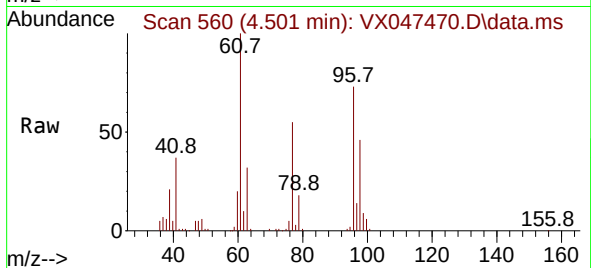
Tgt Ion: 96 Resp: 69579

Ion Ratio Lower Upper

96 100

61 148.3 0.0 296.6

98 66.1 0.0 130.4



#28

Bromochloromethane

Concen: 24.766 ug/l

RT: 4.910 min Scan# 627

Delta R.T. 0.000 min

Lab File: VX047470.D

Acq: 21 Aug 2025 15:10

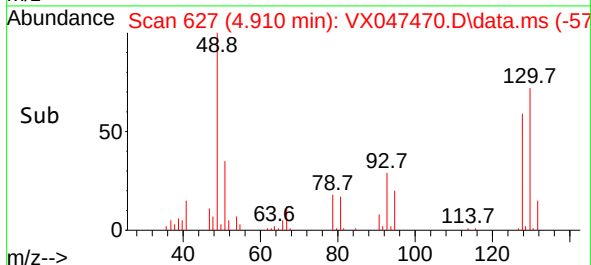
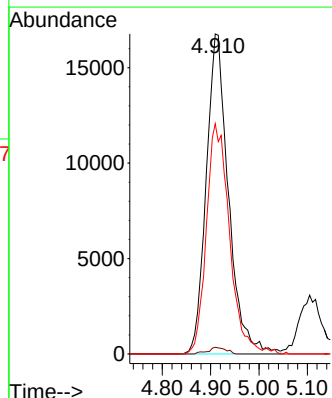
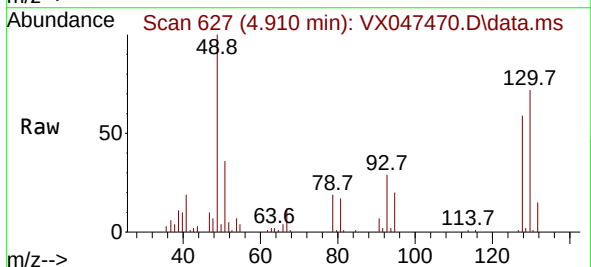
Tgt Ion: 49 Resp: 53631

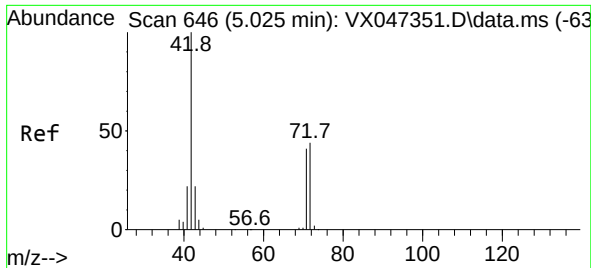
Ion Ratio Lower Upper

49 100

129 1.7 0.0 4.0

130 74.1 59.8 89.6





#29

Tetrahydrofuran

Concen: 114.750 ug/l

RT: 5.025 min Scan# 646

Delta R.T. 0.000 min

Lab File: VX047470.D

Acq: 21 Aug 2025 15:10

Instrument :

MSVOA_X

ClientSampleId :

VX0821WBSD02

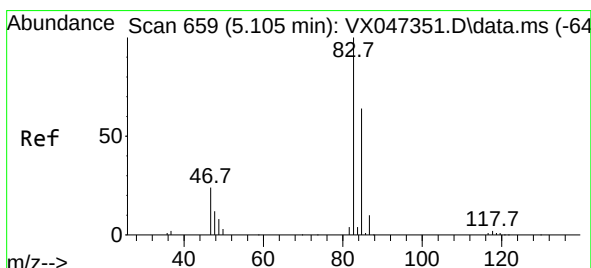
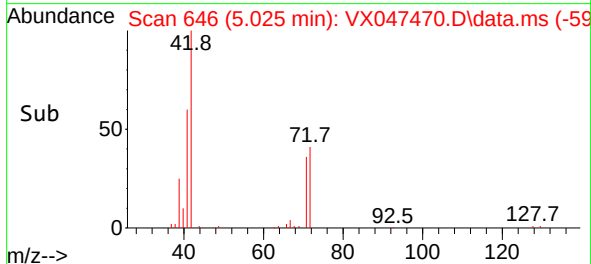
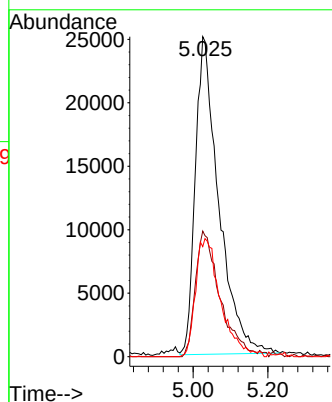
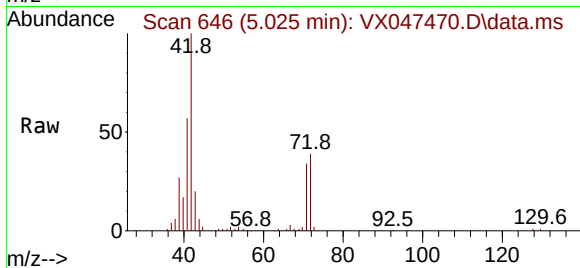
Tgt Ion: 42 Resp: 108836

Ion Ratio Lower Upper

42 100

72 41.3 34.6 51.8

71 39.7 32.6 49.0



#30

Chloroform

Concen: 22.337 ug/l

RT: 5.105 min Scan# 659

Delta R.T. 0.000 min

Lab File: VX047470.D

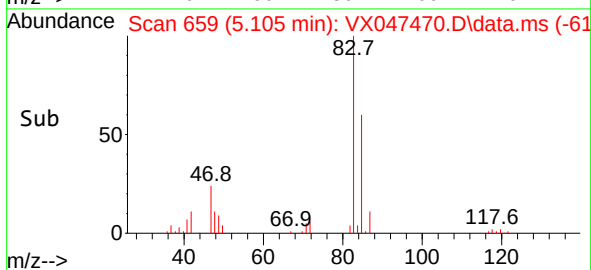
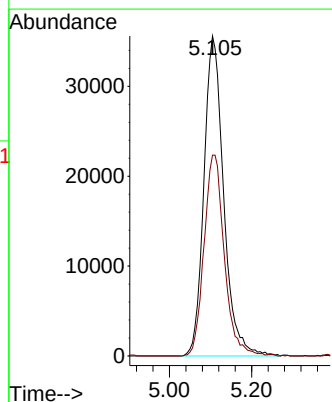
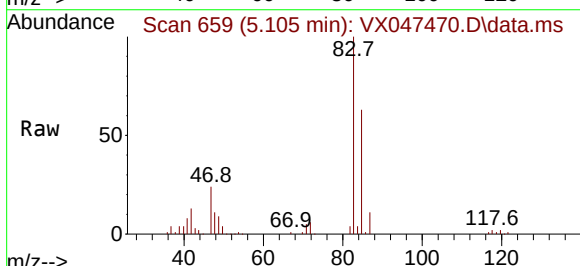
Acq: 21 Aug 2025 15:10

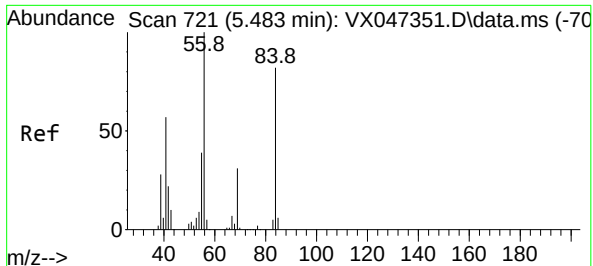
Tgt Ion: 83 Resp: 118636

Ion Ratio Lower Upper

83 100

85 62.8 51.2 76.8

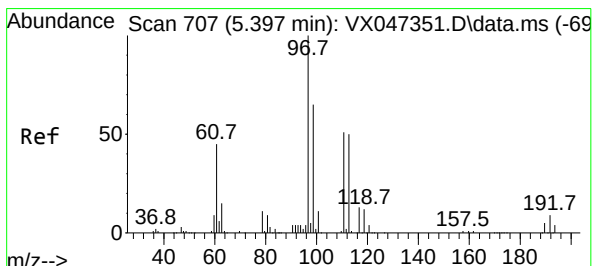
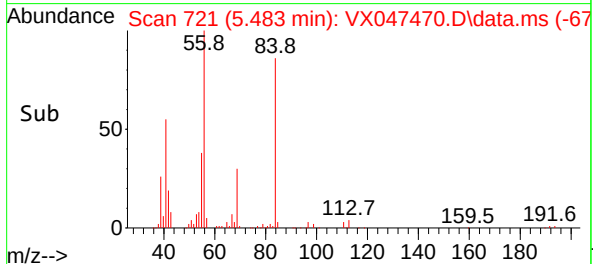
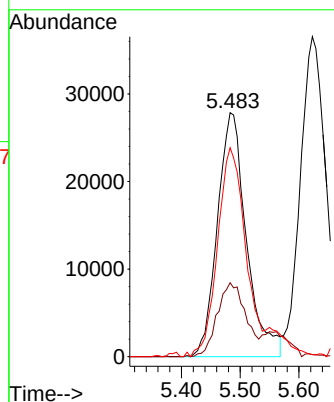
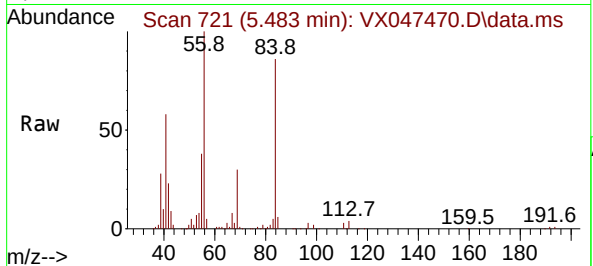




#31
Cyclohexane
Concen: 19.884 ug/l
RT: 5.483 min Scan# 721
Delta R.T. 0.000 min
Lab File: VX047470.D
Acq: 21 Aug 2025 15:10

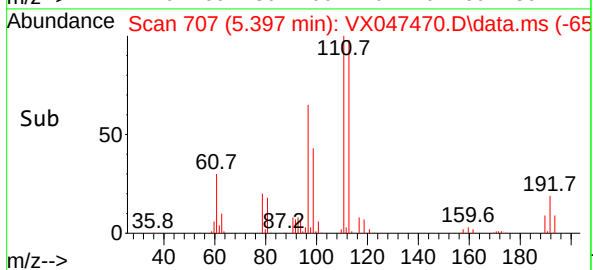
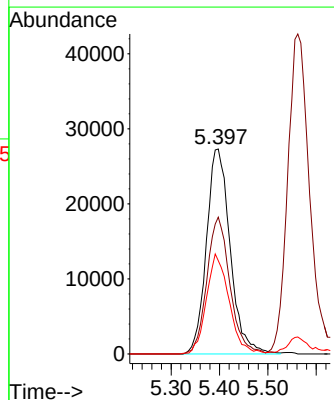
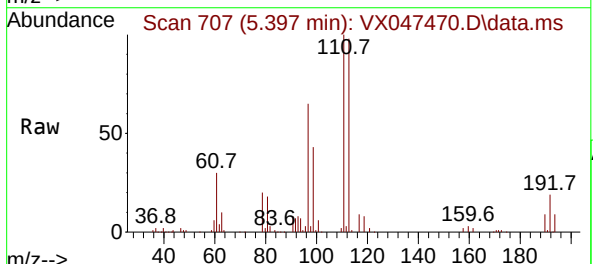
Instrument :
MSVOA_X
ClientSampleId :
VX0821WBSD02

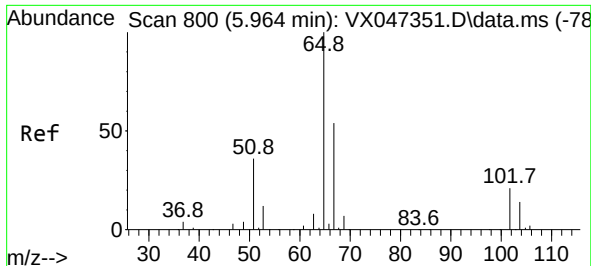
Tgt Ion:	56	Resp:	95390
Ion	Ratio	Lower	Upper
56	100		
69	29.9	24.3	36.5
84	85.5	65.3	97.9



#32
1,1,1-Trichloroethane
Concen: 20.359 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX047470.D
Acq: 21 Aug 2025 15:10

Tgt Ion:	97	Resp:	93070
Ion	Ratio	Lower	Upper
97	100		
99	64.8	51.4	77.0
61	46.8	35.7	53.5





#33

1,2-Dichloroethane-d4

Concen: 56.306 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.000 min

Lab File: VX047470.D

Acq: 21 Aug 2025 15:10

Instrument :

MSVOA_X

ClientSampleId :

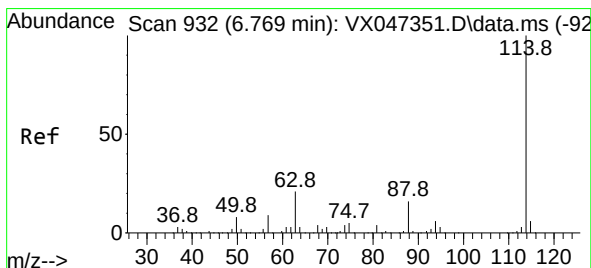
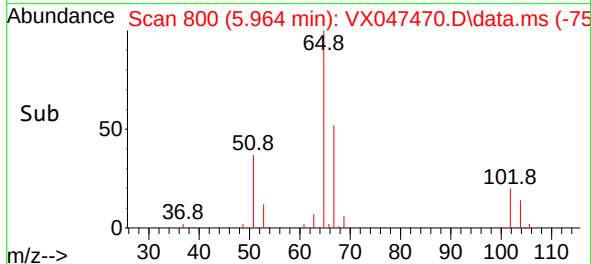
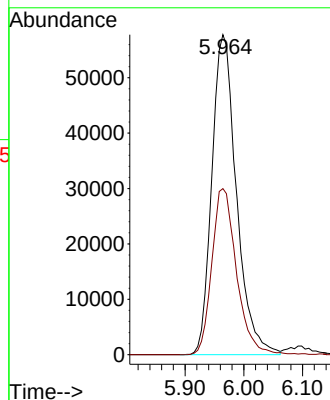
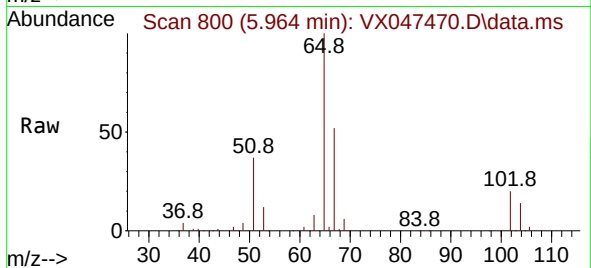
VX0821WBSD02

Tgt Ion: 65 Resp: 167841

Ion Ratio Lower Upper

65 100

67 52.2 0.0 106.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.000 min

Lab File: VX047470.D

Acq: 21 Aug 2025 15:10

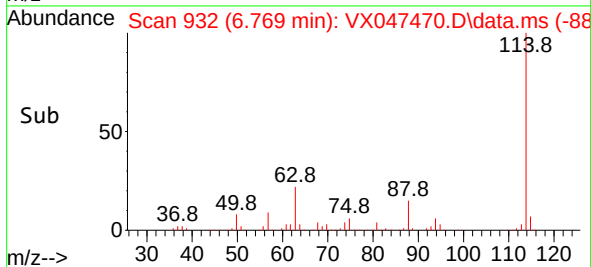
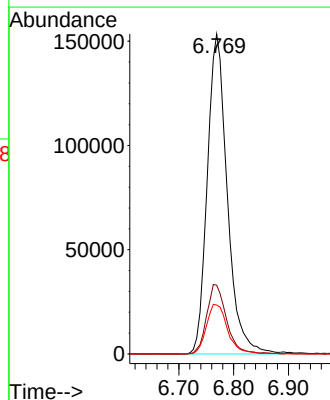
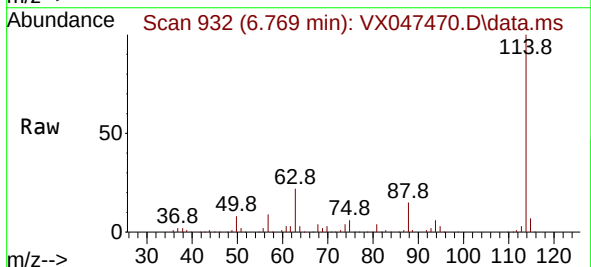
Tgt Ion: 114 Resp: 387607

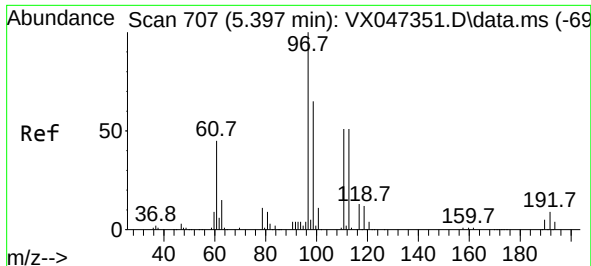
Ion Ratio Lower Upper

114 100

63 21.5 0.0 42.4

88 15.3 0.0 33.0

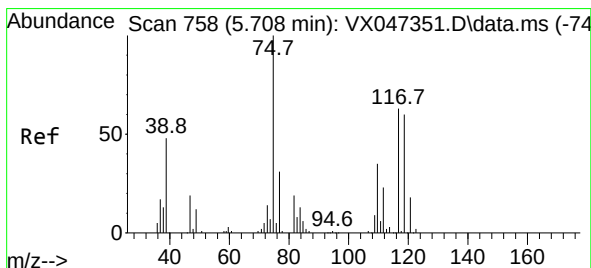
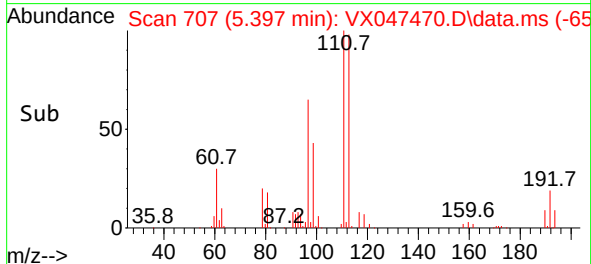
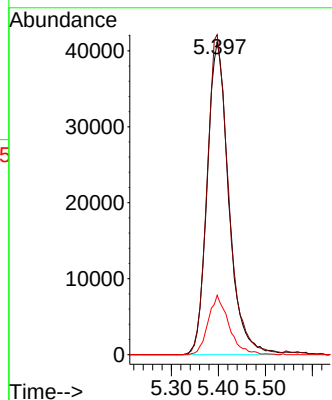
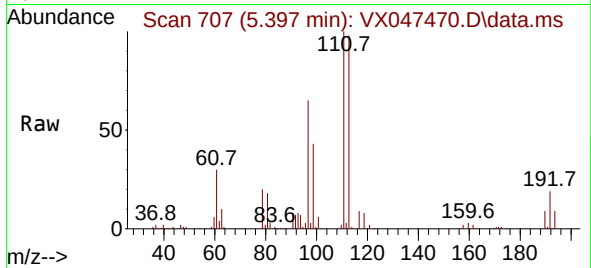




#35
Dibromofluoromethane
Concen: 52.218 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX047470.D
Acq: 21 Aug 2025 15:10

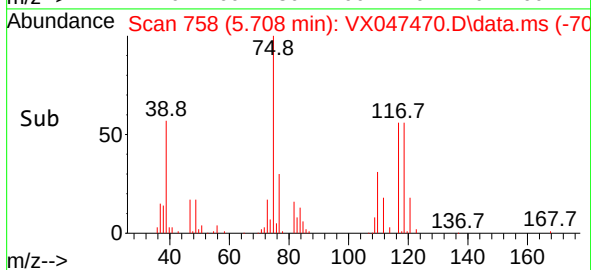
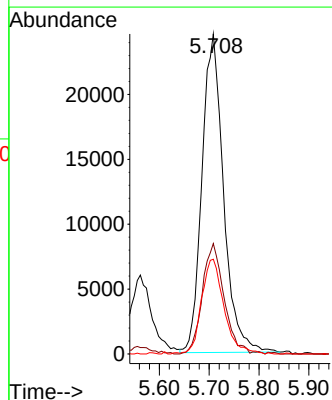
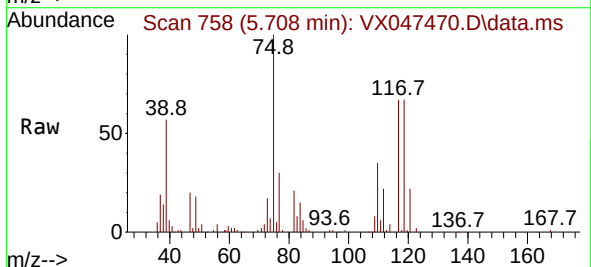
Instrument :
MSVOA_X
ClientSampleId :
VX0821WBSD02

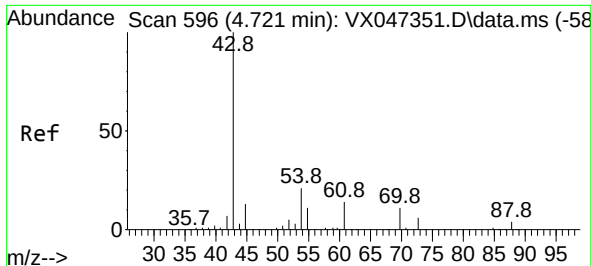
Tgt Ion:113 Resp: 131360
Ion Ratio Lower Upper
113 100
111 101.8 81.4 122.2
192 18.1 14.1 21.1



#36
1,1-Dichloropropene
Concen: 18.590 ug/l
RT: 5.708 min Scan# 758
Delta R.T. 0.000 min
Lab File: VX047470.D
Acq: 21 Aug 2025 15:10

Tgt Ion: 75 Resp: 73822
Ion Ratio Lower Upper
75 100
110 34.9 17.4 52.2
77 31.0 24.4 36.6





#37

Ethyl Acetate

Concen: 19.102 ug/l

RT: 4.733 min Scan# 596

Delta R.T. 0.012 min

Lab File: VX047470.D

Acq: 21 Aug 2025 15:10

Instrument :

MSVOA_X

ClientSampleId :

VX0821WBSD02

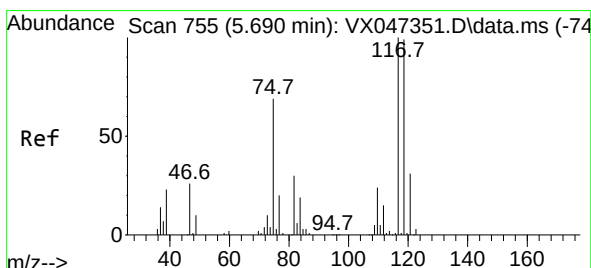
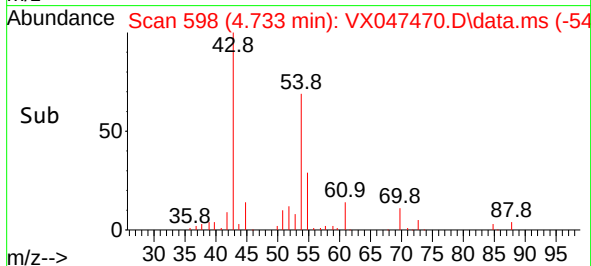
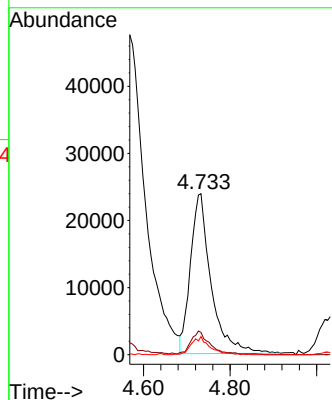
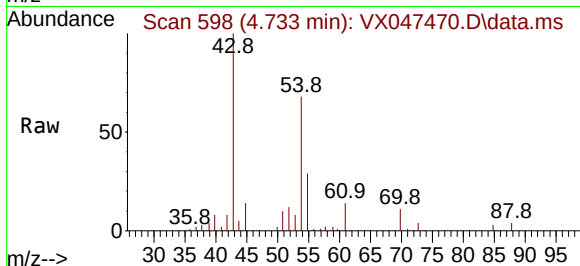
Tgt Ion: 43 Resp: 78749

Ion Ratio Lower Upper

43 100

61 12.2 9.4 14.2

70 9.9 7.0 10.6



#38

Carbon Tetrachloride

Concen: 18.120 ug/l

RT: 5.690 min Scan# 755

Delta R.T. 0.000 min

Lab File: VX047470.D

Acq: 21 Aug 2025 15:10

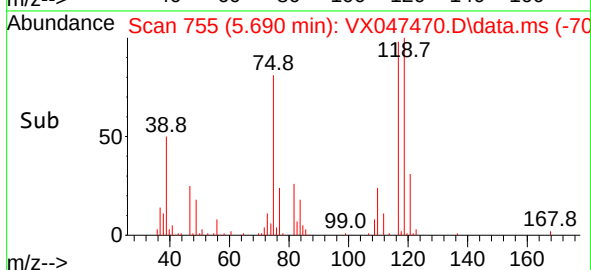
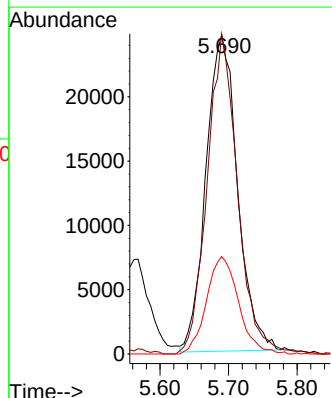
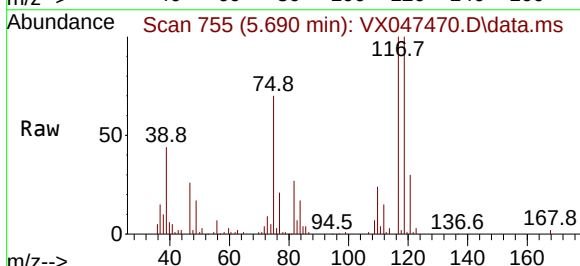
Tgt Ion:117 Resp: 78634

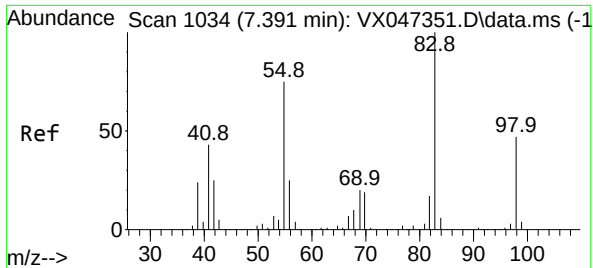
Ion Ratio Lower Upper

117 100

119 100.6 78.5 117.7

121 30.9 24.7 37.1

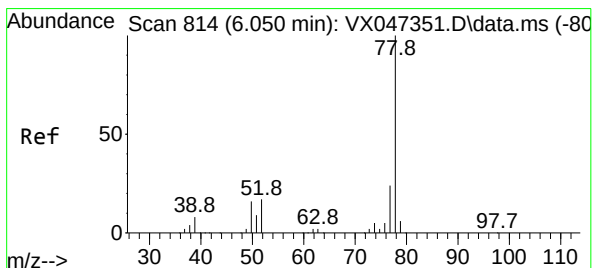
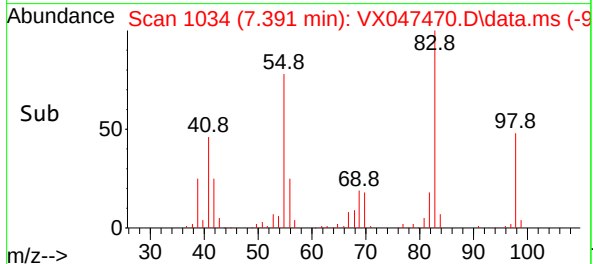
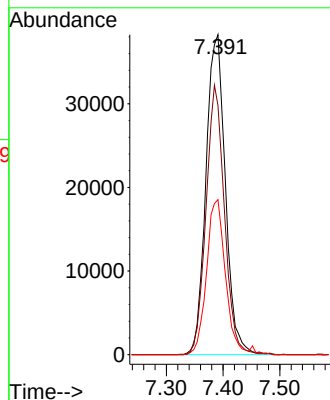
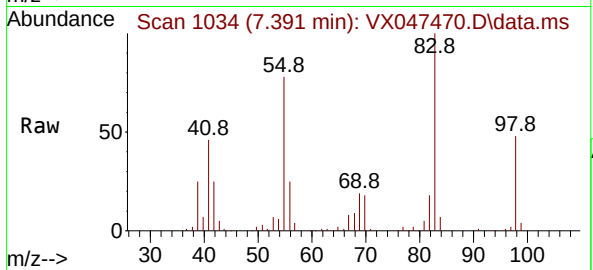




#39
Methylcyclohexane
Concen: 18.383 ug/l
RT: 7.391 min Scan# 1034
Delta R.T. 0.000 min
Lab File: VX047470.D
Acq: 21 Aug 2025 15:10

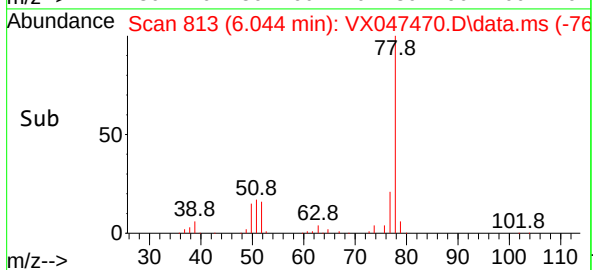
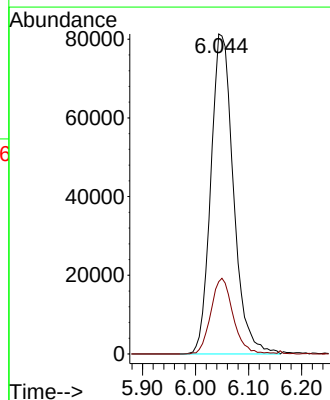
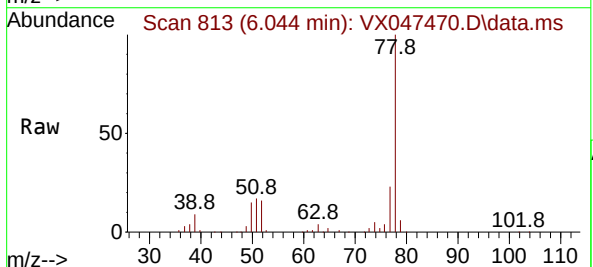
Instrument :
MSVOA_X
ClientSampleId :
VX0821WBSD02

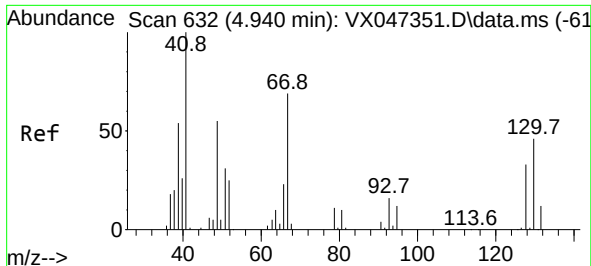
Tgt Ion: 83 Resp: 91057
Ion Ratio Lower Upper
83 100
55 77.9 60.0 90.0
98 48.4 37.2 55.8



#40
Benzene
Concen: 20.272 ug/l
RT: 6.044 min Scan# 813
Delta R.T. -0.006 min
Lab File: VX047470.D
Acq: 21 Aug 2025 15:10

Tgt Ion: 78 Resp: 240955
Ion Ratio Lower Upper
78 100
77 22.6 19.0 28.4

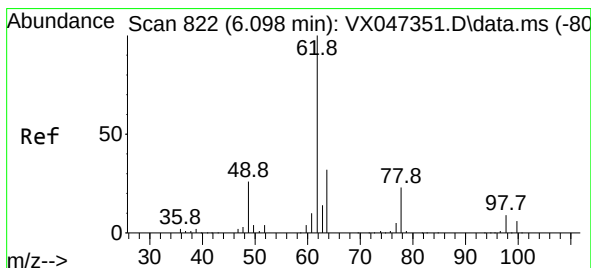
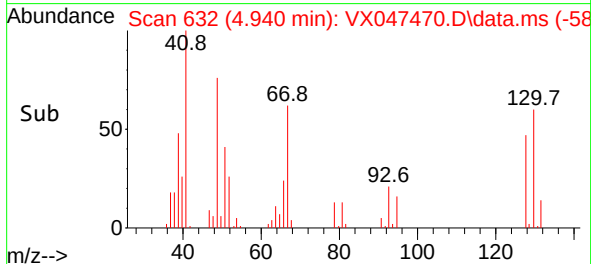
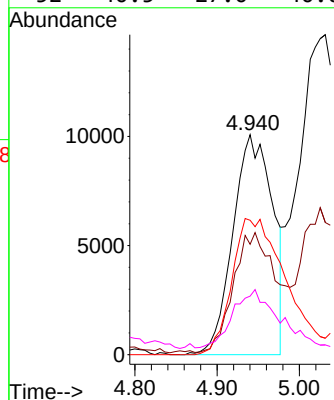
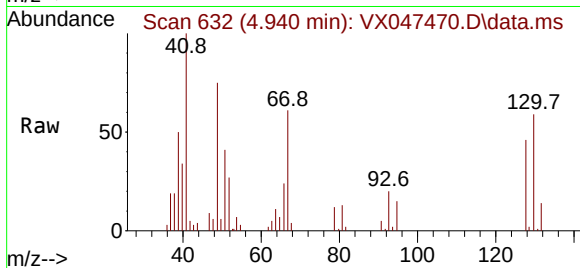




#41
Methacrylonitrile
Concen: 19.489 ug/l
RT: 4.940 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX047470.D
Acq: 21 Aug 2025 15:10

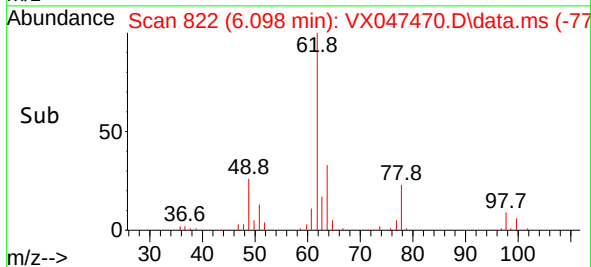
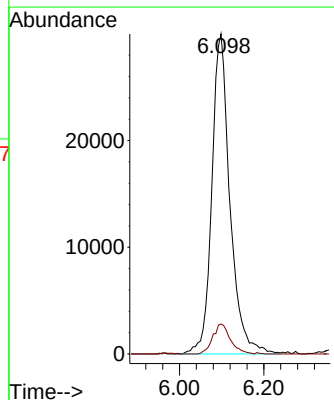
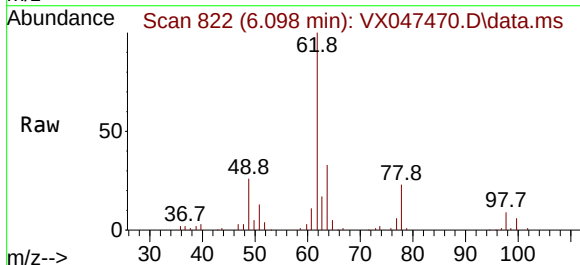
Instrument :
MSVOA_X
ClientSampleId :
VX0821WBSD02

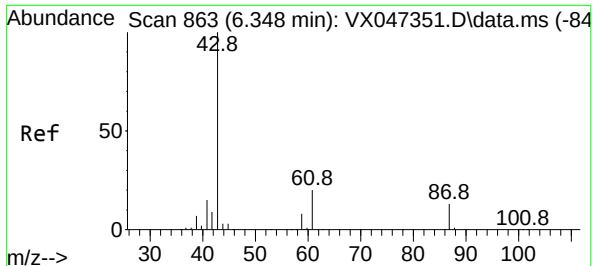
Tgt Ion: 41 Resp: 33881
Ion Ratio Lower Upper
41 100
39 59.9 45.4 68.2
67 85.5 64.0 96.0
52 40.5 27.0 40.6



#42
1,2-Dichloroethane
Concen: 21.245 ug/l
RT: 6.098 min Scan# 822
Delta R.T. 0.000 min
Lab File: VX047470.D
Acq: 21 Aug 2025 15:10

Tgt Ion: 62 Resp: 89446
Ion Ratio Lower Upper
62 100
98 9.1 0.0 18.0

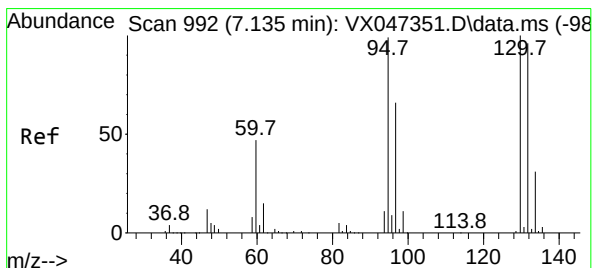
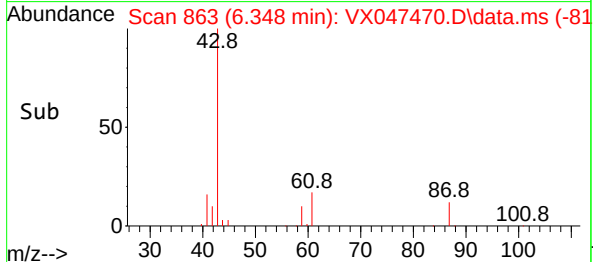
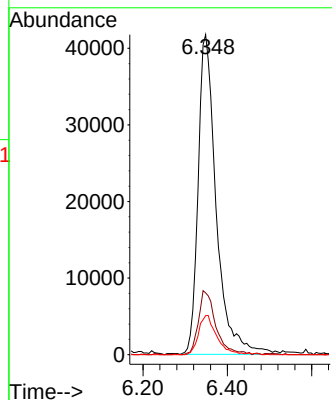
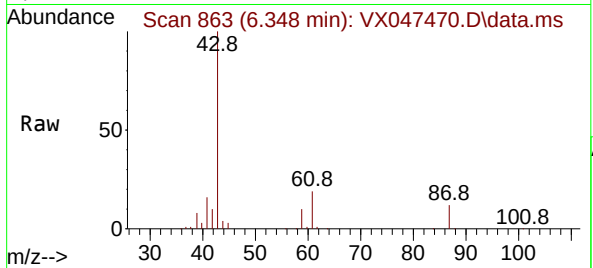




#43
Isopropyl Acetate
Concen: 21.058 ug/l
RT: 6.348 min Scan# 863
Delta R.T. 0.000 min
Lab File: VX047470.D
Acq: 21 Aug 2025 15:10

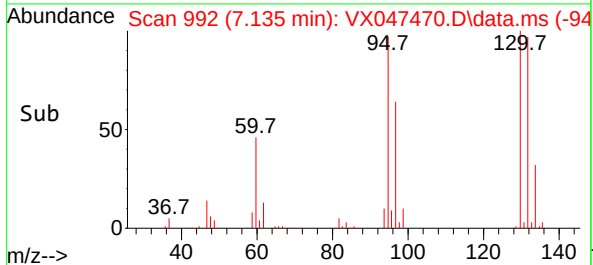
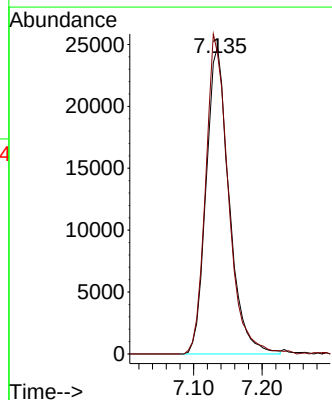
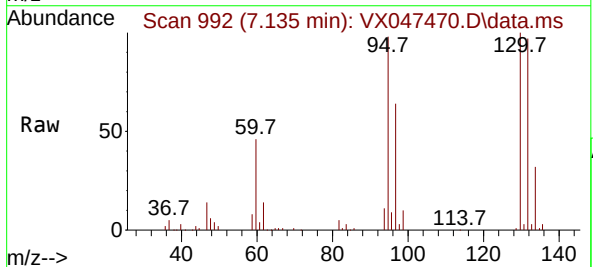
Instrument :
MSVOA_X
ClientSampleId :
VX0821WBSD02

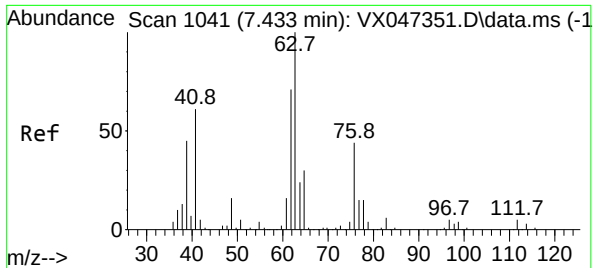
Tgt Ion: 43 Resp: 124715
Ion Ratio Lower Upper
43 100
61 19.3 15.4 23.0
87 12.4 10.2 15.4



#44
Trichloroethene
Concen: 19.033 ug/l
RT: 7.135 min Scan# 992
Delta R.T. 0.000 min
Lab File: VX047470.D
Acq: 21 Aug 2025 15:10

Tgt Ion:130 Resp: 57927
Ion Ratio Lower Upper
130 100
95 106.6 0.0 198.6





#45

1,2-Dichloropropane

Concen: 20.772 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. 0.000 min

Lab File: VX047470.D

Acq: 21 Aug 2025 15:10

Instrument :

MSVOA_X

ClientSampleId :

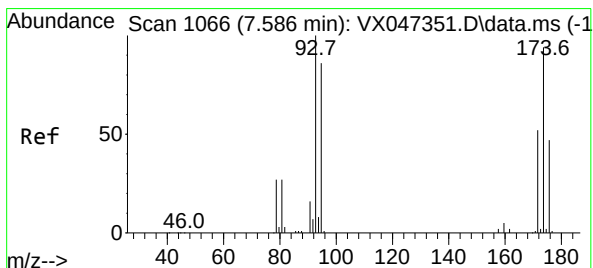
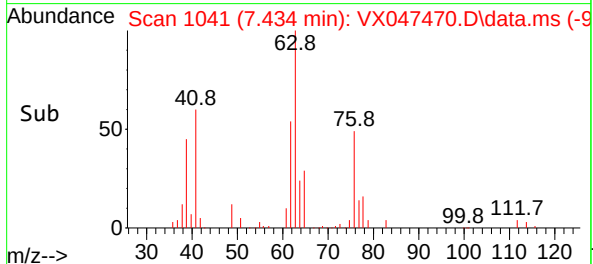
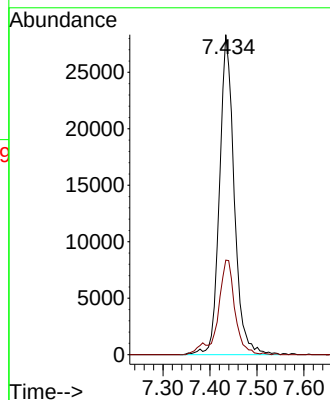
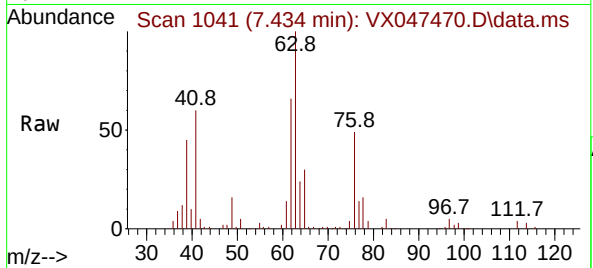
VX0821WBSD02

Tgt Ion: 63 Resp: 61852

Ion Ratio Lower Upper

63 100

65 29.6 23.8 35.6



#46

Dibromomethane

Concen: 21.404 ug/l

RT: 7.586 min Scan# 1066

Delta R.T. 0.000 min

Lab File: VX047470.D

Acq: 21 Aug 2025 15:10

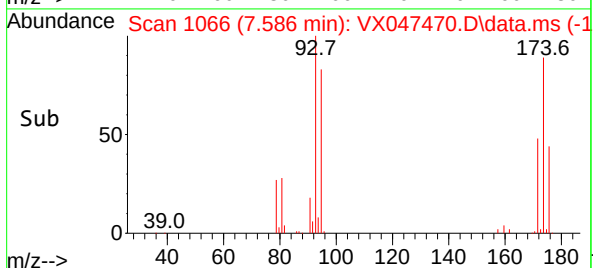
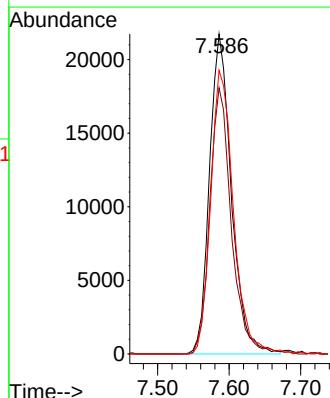
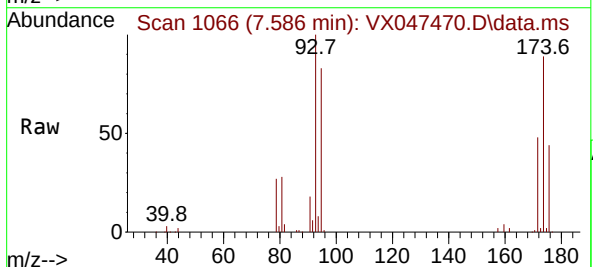
Tgt Ion: 93 Resp: 46272

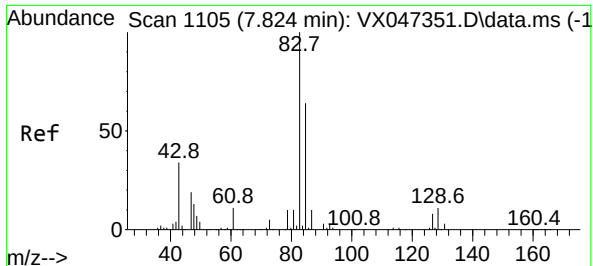
Ion Ratio Lower Upper

93 100

95 81.8 68.0 102.0

174 92.0 75.8 113.6





#47

Bromodichloromethane

Concen: 20.832 ug/l

RT: 7.824 min Scan# 1105

Delta R.T. 0.000 min

Lab File: VX047470.D

Acq: 21 Aug 2025 15:10

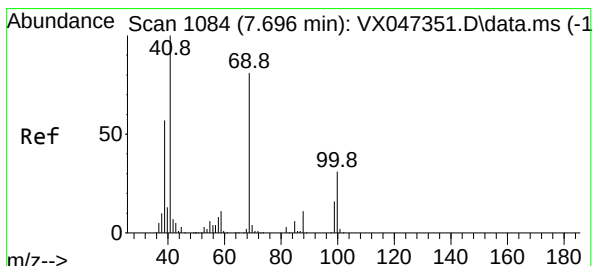
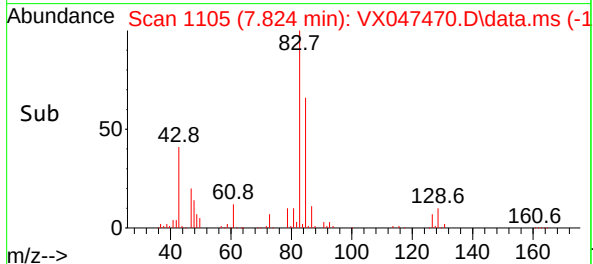
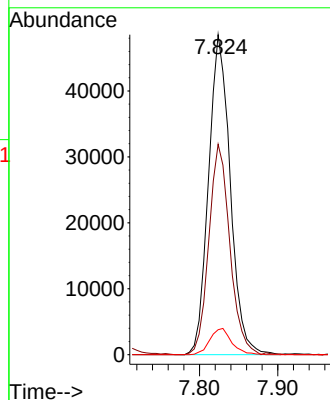
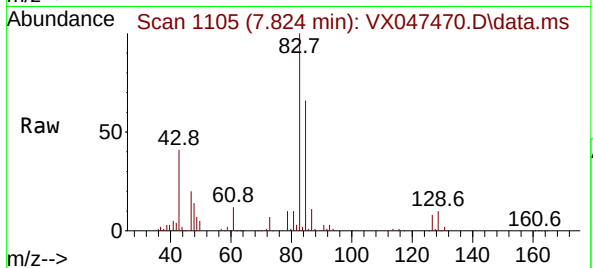
Instrument :

MSVOA_X

ClientSampleId :

VX0821WBSD02

Tgt Ion:	83	Resp:	93362
Ion	Ratio	Lower	Upper
83	100		
85	66.6	51.0	76.6
127	7.8	7.0	10.4



#48

Methyl methacrylate

Concen: 20.389 ug/l

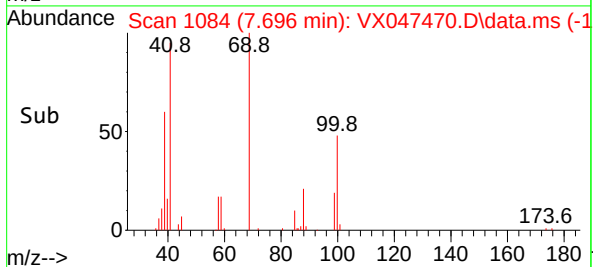
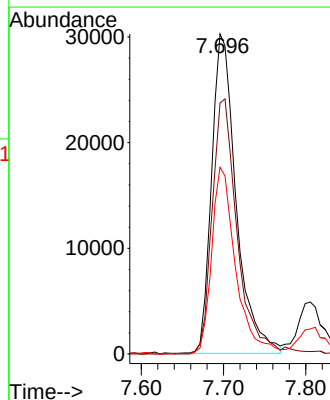
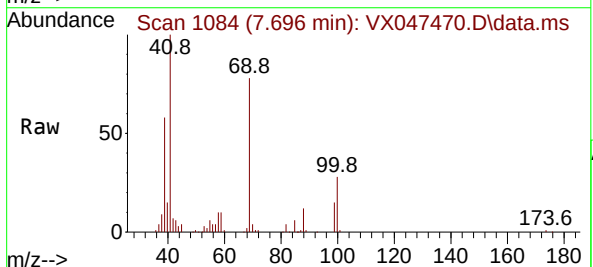
RT: 7.696 min Scan# 1084

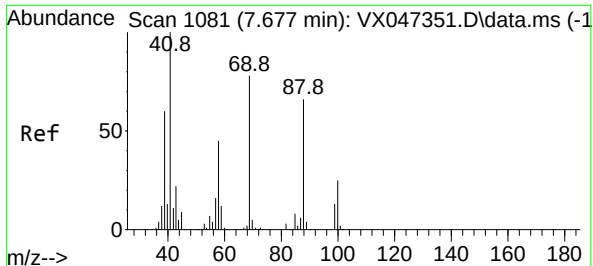
Delta R.T. 0.000 min

Lab File: VX047470.D

Acq: 21 Aug 2025 15:10

Tgt Ion:	41	Resp:	62678
Ion	Ratio	Lower	Upper
41	100		
69	82.5	65.0	97.4
39	57.1	45.7	68.5





#49

1,4-Dioxane

Concen: 442.737 ug/l

RT: 7.683 min Scan# 1082

Delta R.T. 0.006 min

Lab File: VX047470.D

Acq: 21 Aug 2025 15:10

Instrument :

MSVOA_X

ClientSampleId :

VX0821WBSD02

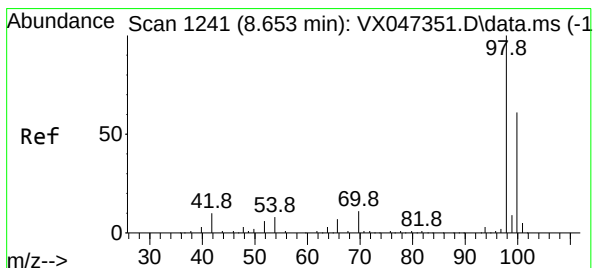
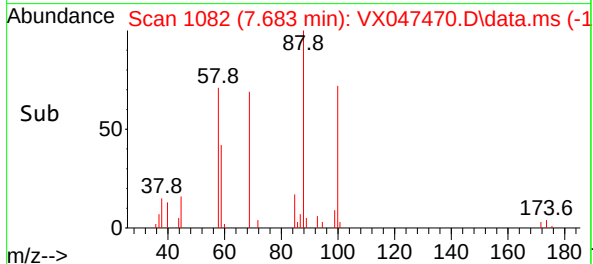
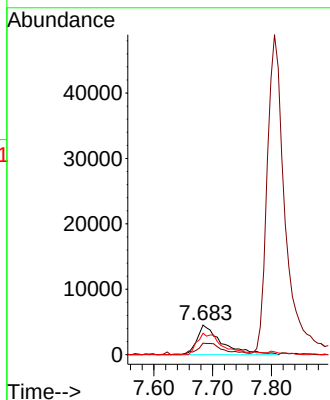
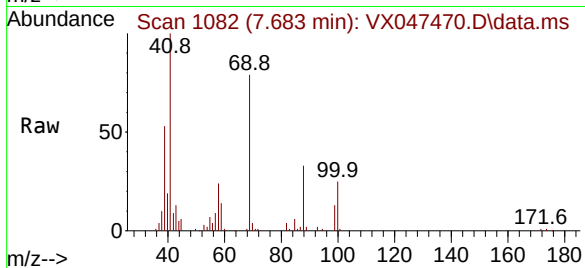
Tgt Ion: 88 Resp: 13231

Ion Ratio Lower Upper

88 100

43 36.5 32.4 48.6

58 71.6 56.9 85.3



#50

Toluene-d8

Concen: 50.400 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.000 min

Lab File: VX047470.D

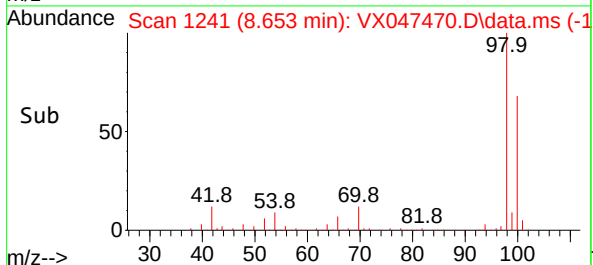
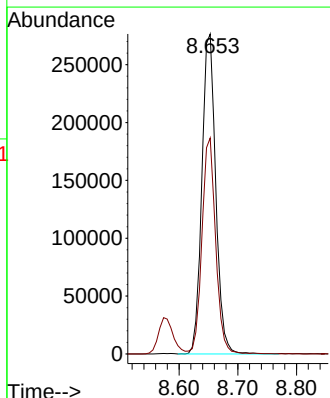
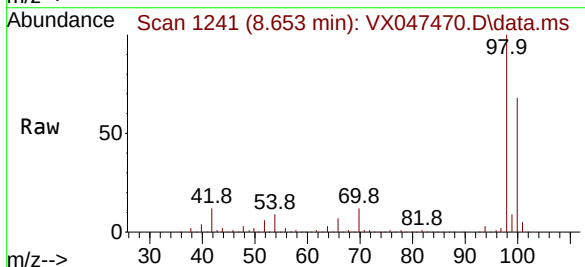
Acq: 21 Aug 2025 15:10

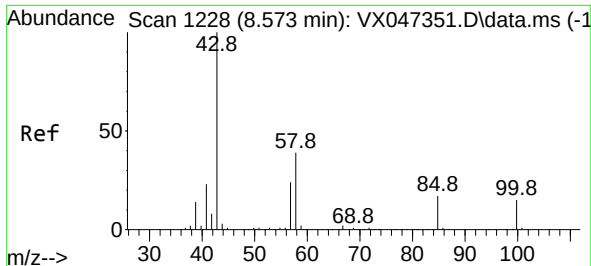
Tgt Ion: 98 Resp: 453168

Ion Ratio Lower Upper

98 100

100 66.2 53.9 80.9

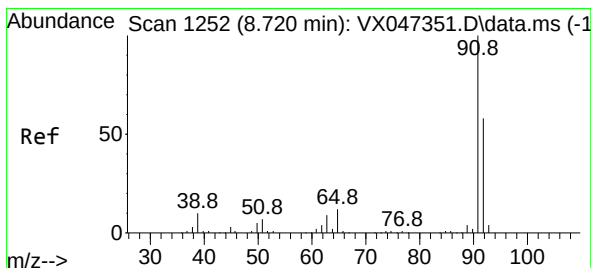
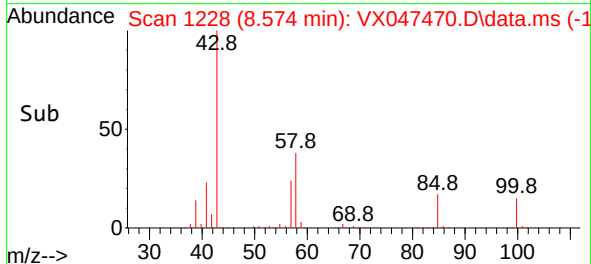
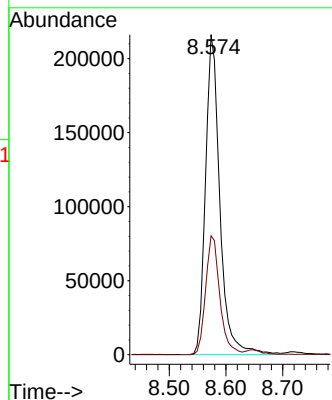
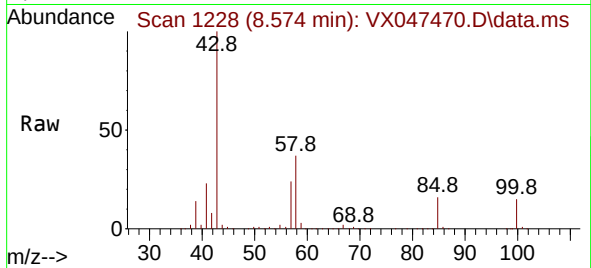




#51
4-Methyl-2-Pentanone
Concen: 111.273 ug/l
RT: 8.574 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX047470.D
Acq: 21 Aug 2025 15:10

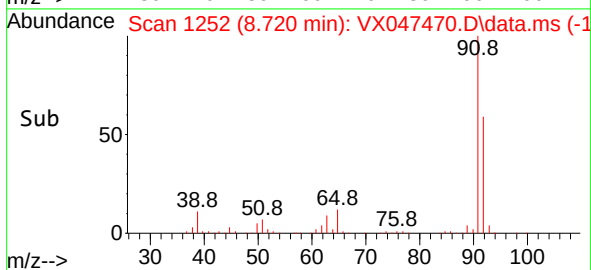
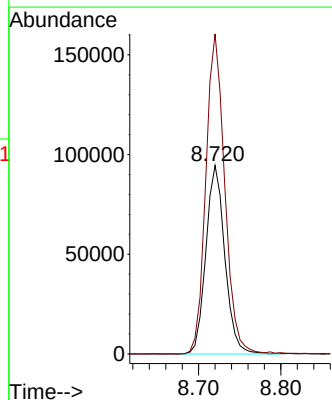
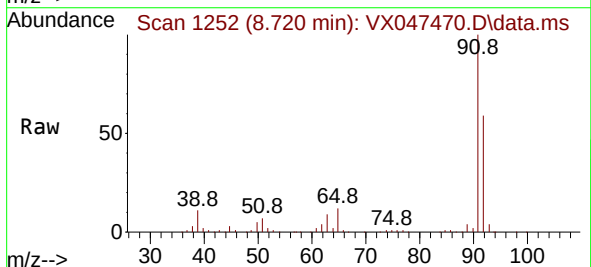
Instrument :
MSVOA_X
ClientSampleId :
VX0821WBSD02

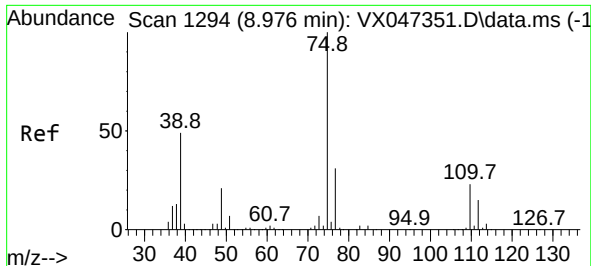
Tgt Ion: 43 Resp: 379233
Ion Ratio Lower Upper
43 100
58 36.9 31.2 46.8



#52
Toluene
Concen: 20.610 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX047470.D
Acq: 21 Aug 2025 15:10

Tgt Ion: 92 Resp: 151373
Ion Ratio Lower Upper
92 100
91 170.1 136.3 204.5





#53

t-1,3-Dichloropropene

Concen: 20.631 ug/l

RT: 8.982 min Scan# 1194

Delta R.T. 0.006 min

Lab File: VX047470.D

Acq: 21 Aug 2025 15:10

Instrument :

MSVOA_X

ClientSampleId :

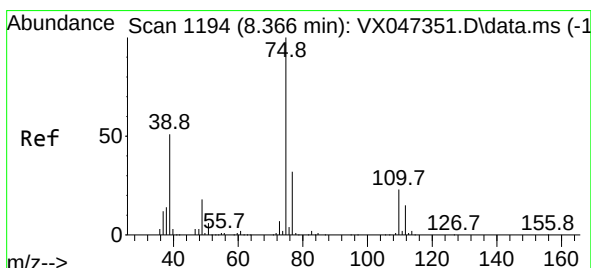
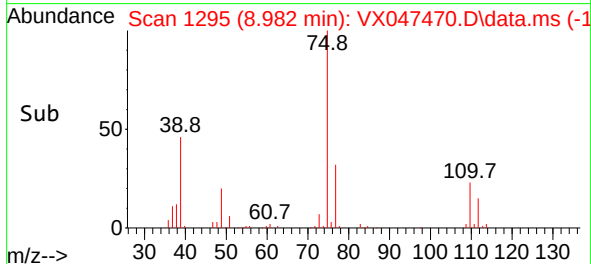
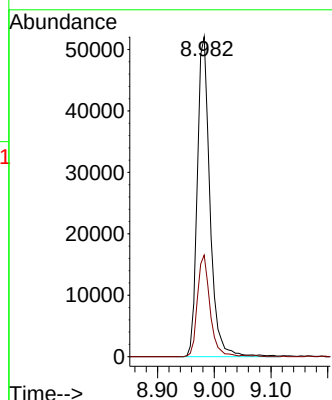
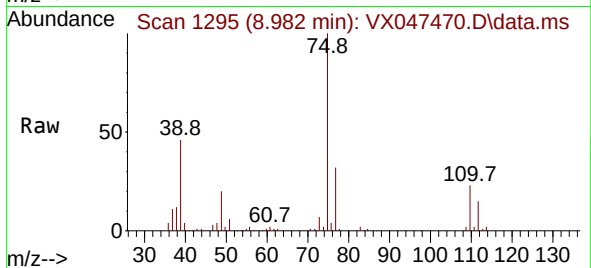
VX0821WBSD02

Tgt Ion: 75 Resp: 80696

Ion Ratio Lower Upper

75 100

77 31.8 24.7 37.1



#54

cis-1,3-Dichloropropene

Concen: 21.102 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX047470.D

Acq: 21 Aug 2025 15:10

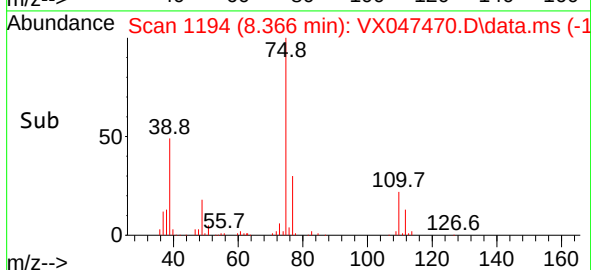
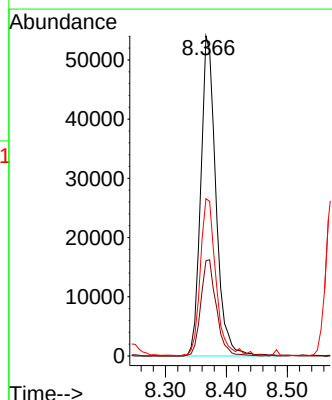
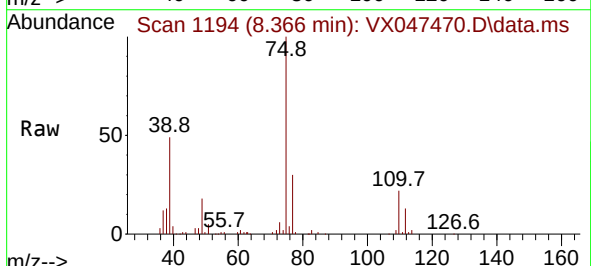
Tgt Ion: 75 Resp: 93426

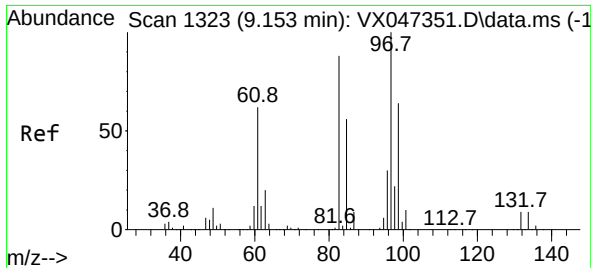
Ion Ratio Lower Upper

75 100

77 29.8 25.6 38.4

39 49.1 40.9 61.3

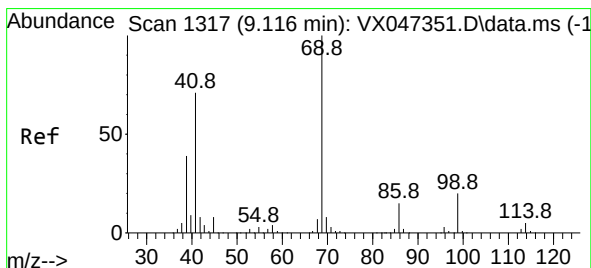
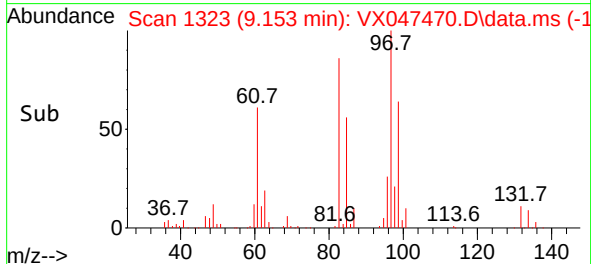
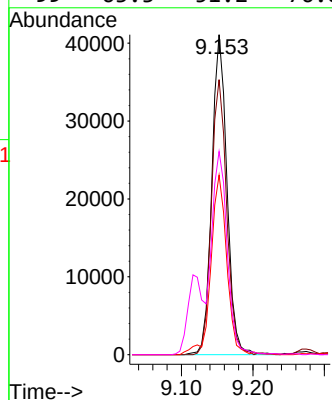
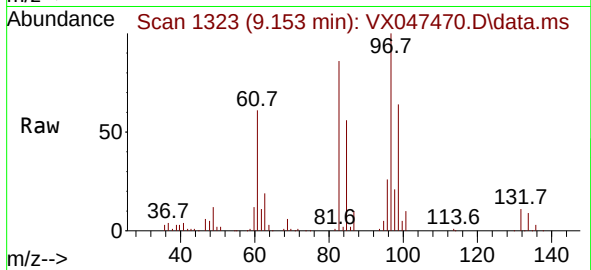




#55
 1,1,2-Trichloroethane
 Concen: 21.648 ug/l
 RT: 9.153 min Scan# 1323
 Delta R.T. 0.000 min
 Lab File: VX047470.D
 Acq: 21 Aug 2025 15:10

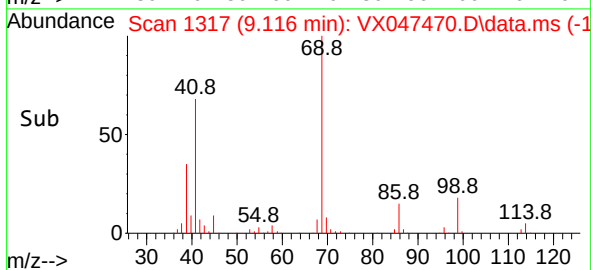
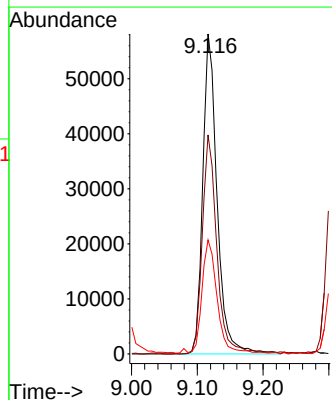
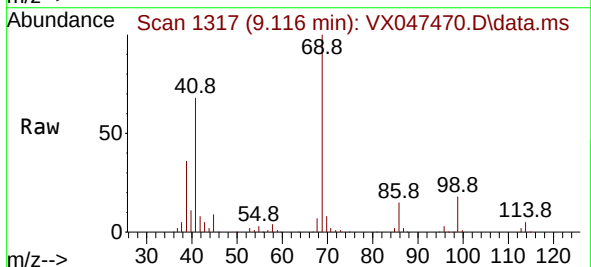
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0821WBSD02

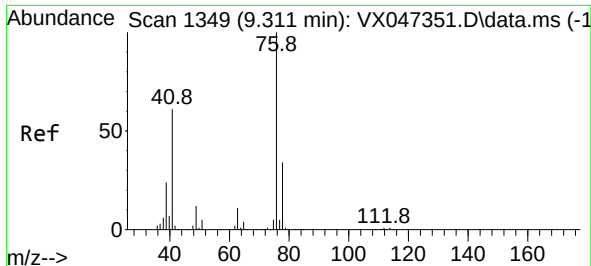
Tgt Ion: 97	Resp: 60368
Ion Ratio	Lower Upper
97 100	
83 85.9	70.6 106.0
85 56.1	44.7 67.1
99 63.3	51.2 76.8



#56
 Ethyl methacrylate
 Concen: 21.460 ug/l
 RT: 9.116 min Scan# 1317
 Delta R.T. 0.000 min
 Lab File: VX047470.D
 Acq: 21 Aug 2025 15:10

Tgt Ion: 69	Resp: 88230
Ion Ratio	Lower Upper
69 100	
41 69.8	55.3 82.9
39 38.9	30.2 45.2





#57

1,3-Dichloropropane

Concen: 22.215 ug/l

RT: 9.311 min Scan# 11349

Delta R.T. 0.000 min

Lab File: VX047470.D

Acq: 21 Aug 2025 15:10

Instrument :

MSVOA_X

ClientSampleId :

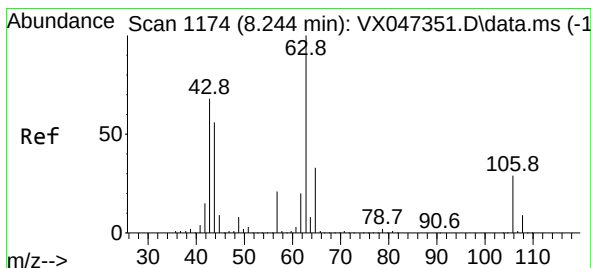
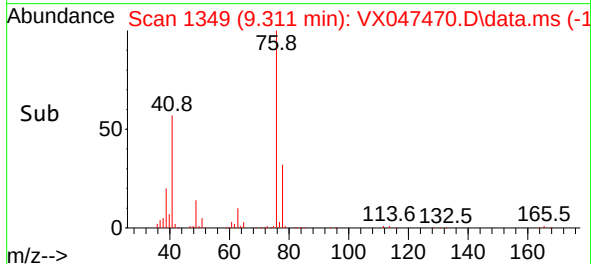
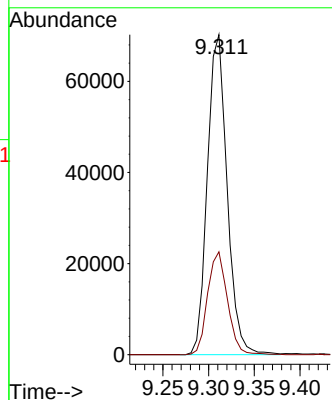
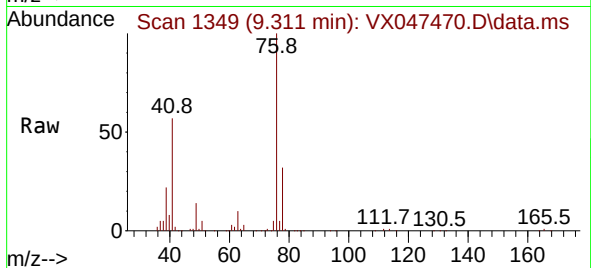
VX0821WBSD02

Tgt Ion: 76 Resp: 105562

Ion Ratio Lower Upper

76 100

78 32.2 26.2 39.2



#58

2-Chloroethyl Vinyl ether

Concen: 94.652 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. 0.000 min

Lab File: VX047470.D

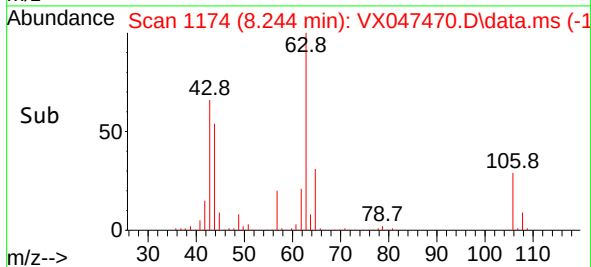
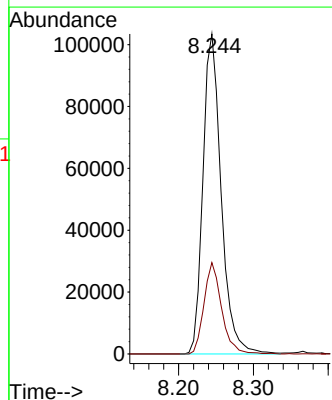
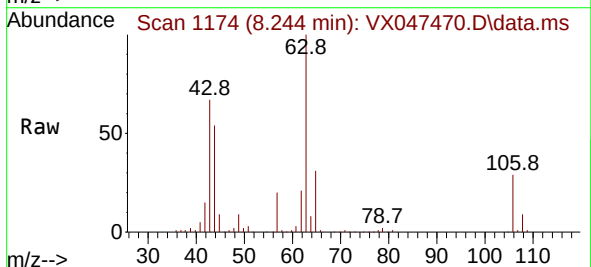
Acq: 21 Aug 2025 15:10

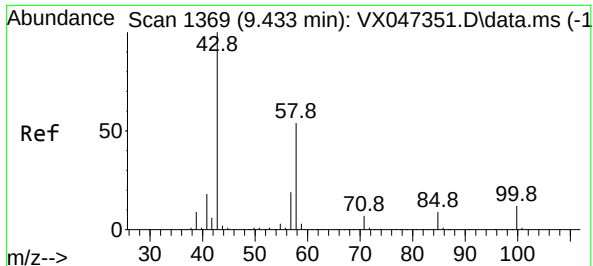
Tgt Ion: 63 Resp: 175281

Ion Ratio Lower Upper

63 100

106 27.6 22.8 34.2





#59

2-Hexanone

Concen: 106.316 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. 0.000 min

Lab File: VX047470.D

Acq: 21 Aug 2025 15:10

Instrument :

MSVOA_X

ClientSampleId :

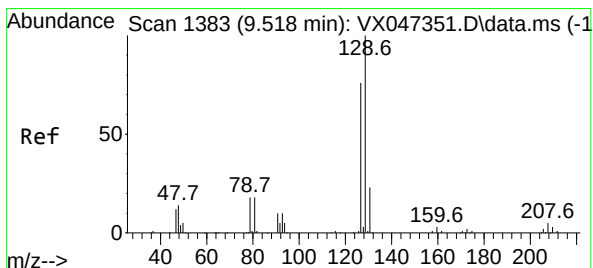
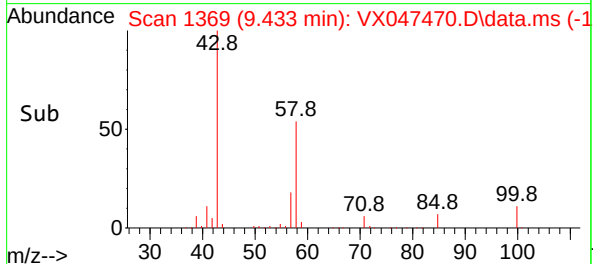
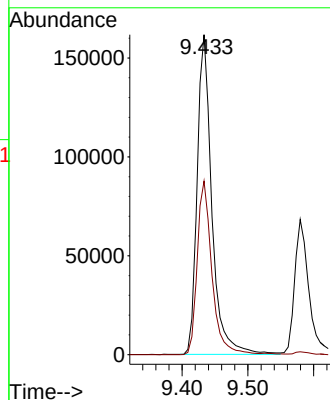
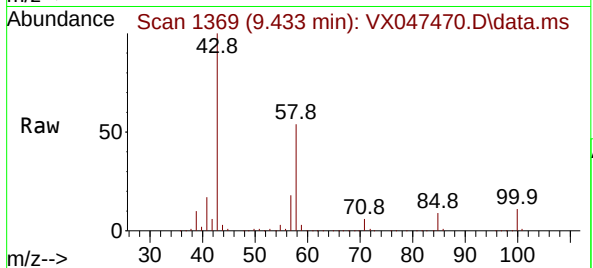
VX0821WBSD02

Tgt Ion: 43 Resp: 250637

Ion Ratio Lower Upper

43 100

58 54.4 26.9 80.7



#60

Dibromochloromethane

Concen: 21.113 ug/l

RT: 9.519 min Scan# 1383

Delta R.T. 0.000 min

Lab File: VX047470.D

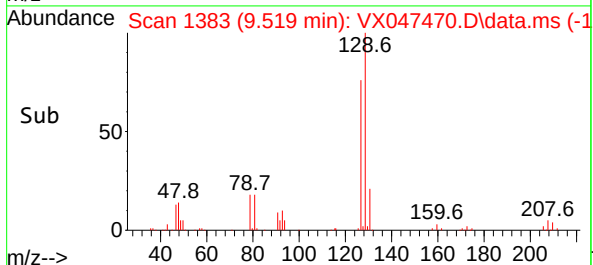
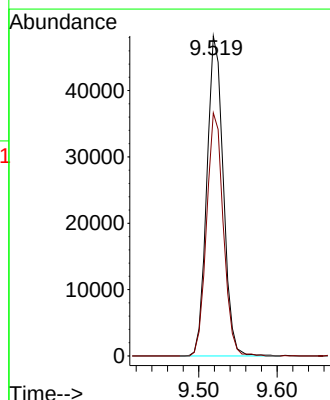
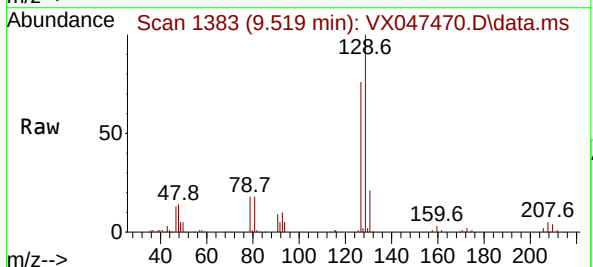
Acq: 21 Aug 2025 15:10

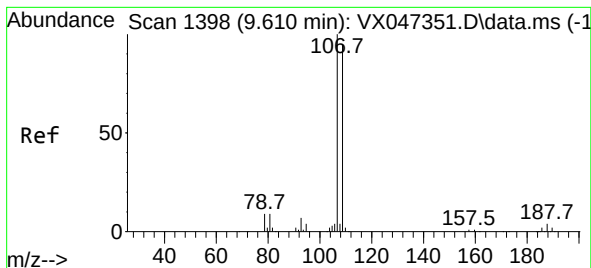
Tgt Ion: 129 Resp: 69970

Ion Ratio Lower Upper

129 100

127 77.6 38.9 116.6





#61

1,2-Dibromoethane

Concen: 21.424 ug/l

RT: 9.610 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX047470.D

Acq: 21 Aug 2025 15:10

Instrument :

MSVOA_X

ClientSampleId :

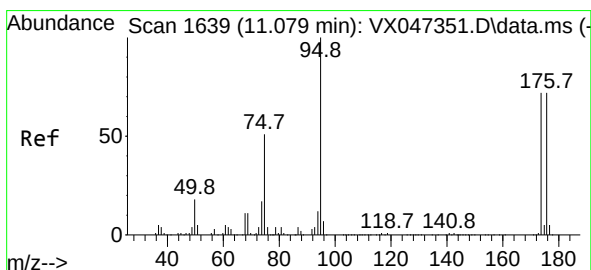
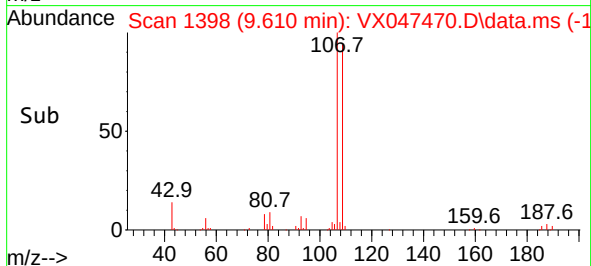
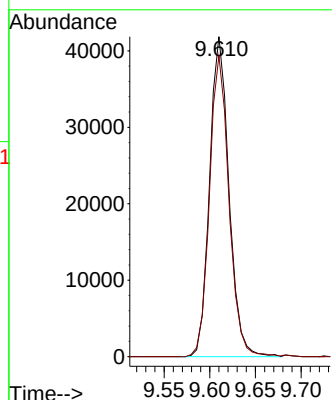
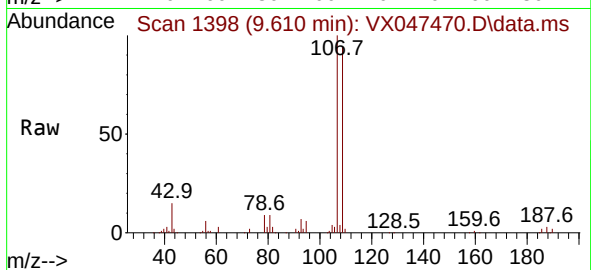
VX0821WBSD02

Tgt Ion:107 Resp: 61608

Ion Ratio Lower Upper

107 100

109 94.8 76.2 114.2



#62

4-Bromofluorobenzene

Concen: 52.565 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX047470.D

Acq: 21 Aug 2025 15:10

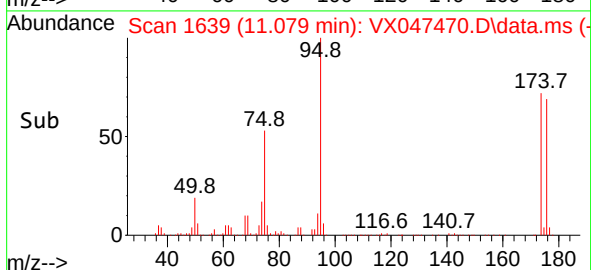
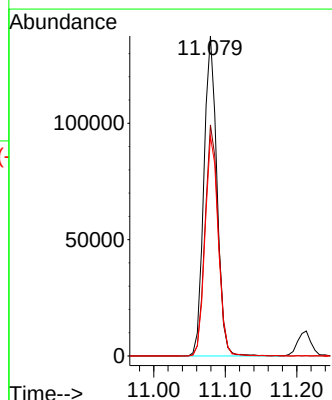
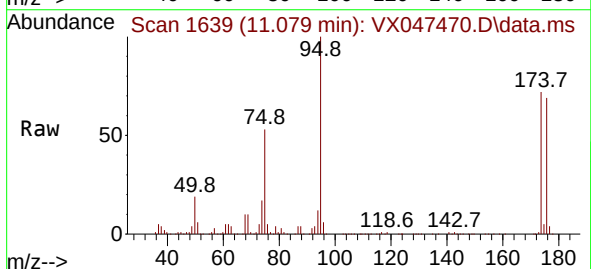
Tgt Ion: 95 Resp: 174410

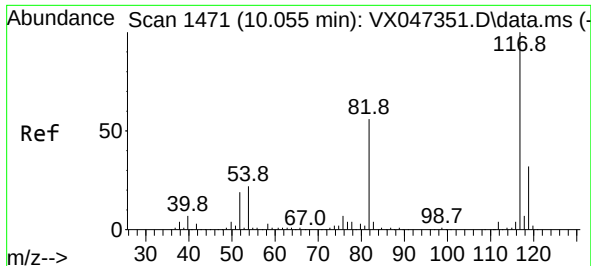
Ion Ratio Lower Upper

95 100

174 73.6 0.0 148.0

176 69.6 0.0 145.4

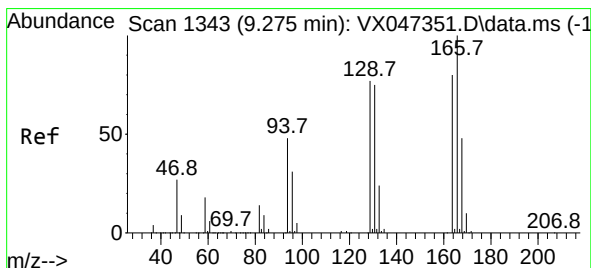
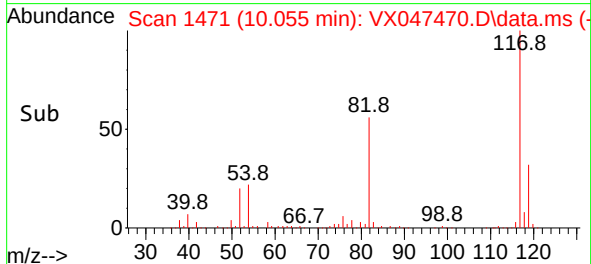
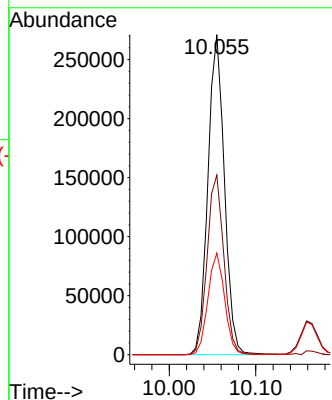
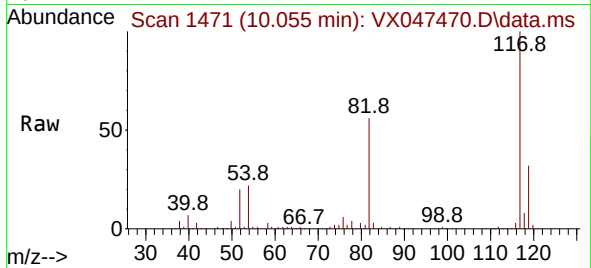




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX047470.D
Acq: 21 Aug 2025 15:10

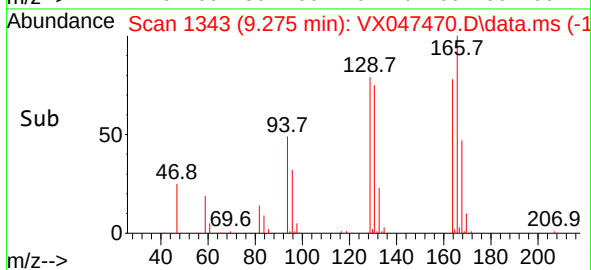
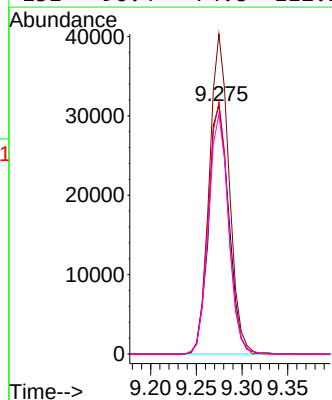
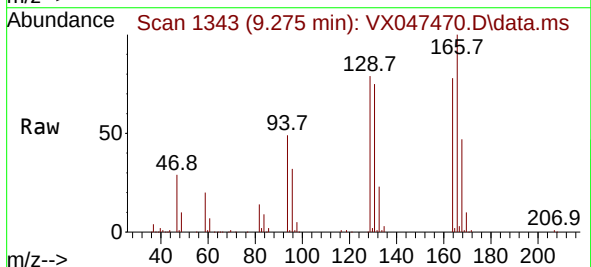
Instrument :
MSVOA_X
ClientSampleId :
VX0821WBSD02

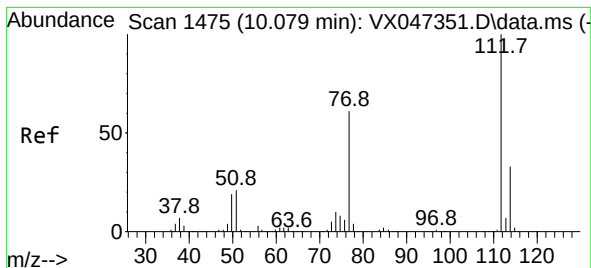
Tgt Ion:117 Resp: 358612
Ion Ratio Lower Upper
117 100
82 56.1 45.0 67.4
119 31.7 25.8 38.8



#64
Tetrachloroethene
Concen: 18.582 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX047470.D
Acq: 21 Aug 2025 15:10

Tgt Ion:164 Resp: 48201
Ion Ratio Lower Upper
164 100
166 128.7 100.3 150.5
129 101.3 77.7 116.5
131 96.4 74.8 112.2

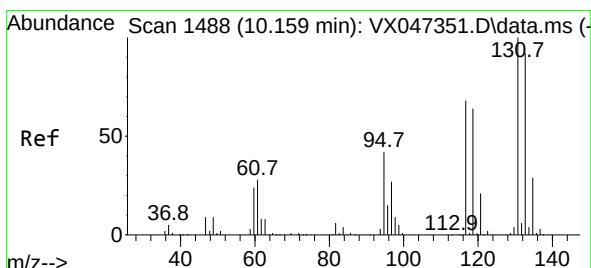
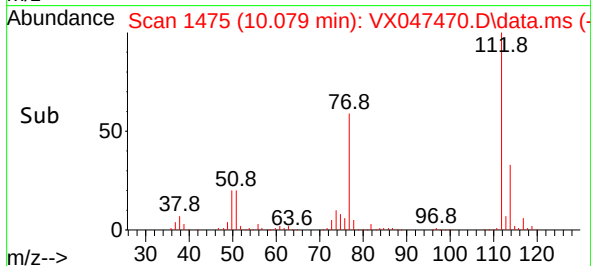
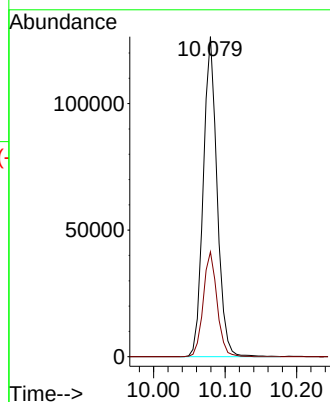
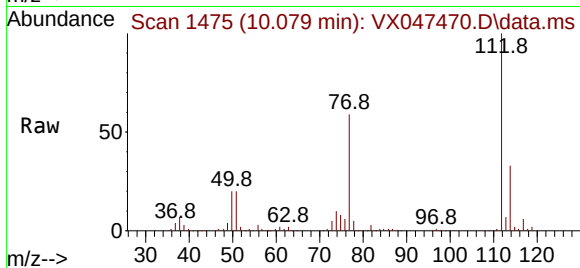




#65
Chlorobenzene
Concen: 19.918 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX047470.D
Acq: 21 Aug 2025 15:10

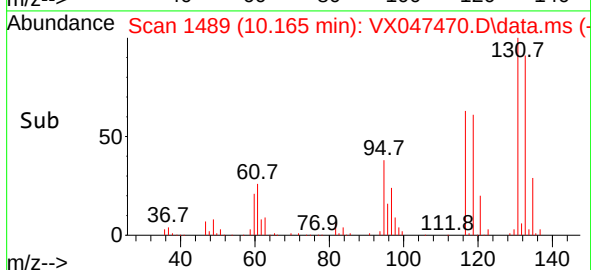
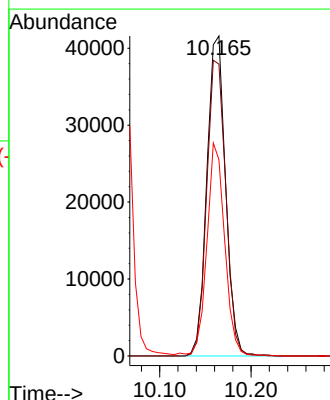
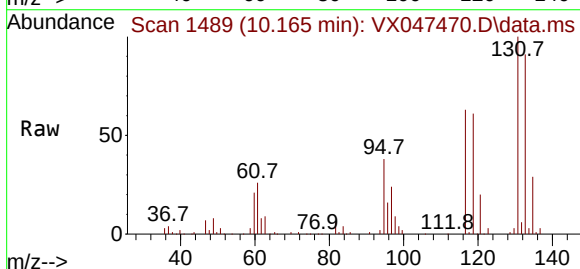
Instrument :
MSVOA_X
ClientSampleId :
VX0821WBSD02

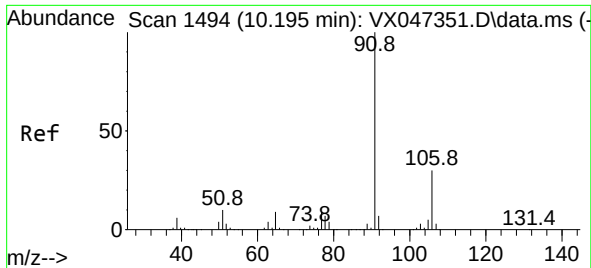
Tgt Ion:112 Resp: 169740
Ion Ratio Lower Upper
112 100
114 32.8 26.4 39.6



#66
1,1,1,2-Tetrachloroethane
Concen: 20.456 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.006 min
Lab File: VX047470.D
Acq: 21 Aug 2025 15:10

Tgt Ion:131 Resp: 58930
Ion Ratio Lower Upper
131 100
133 94.5 47.6 142.9
119 63.6 32.3 96.8

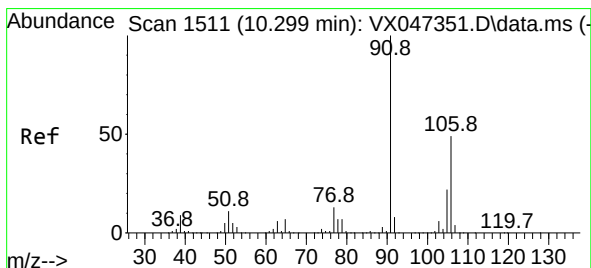
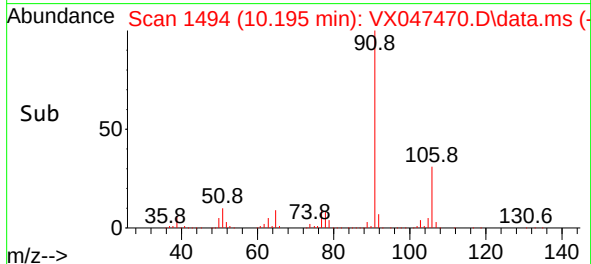
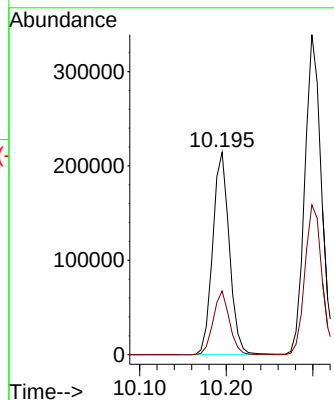
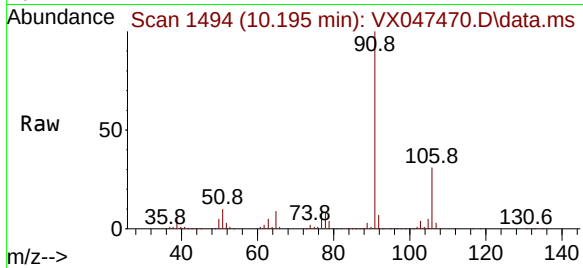




#67
Ethyl Benzene
Concen: 19.509 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX047470.D
Acq: 21 Aug 2025 15:10

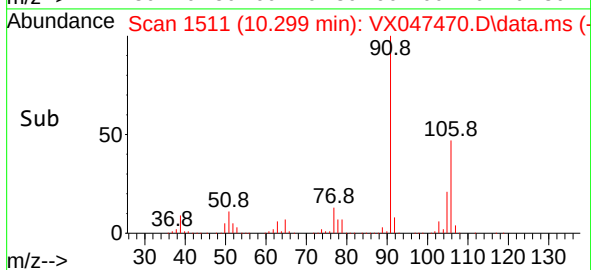
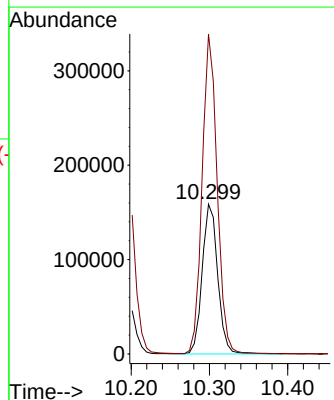
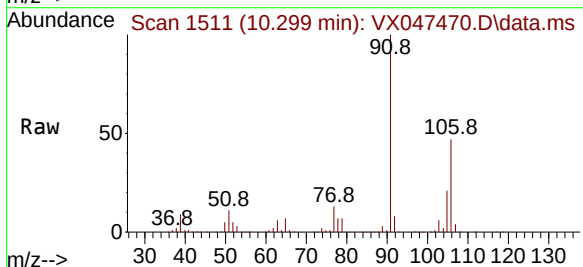
Instrument :
MSVOA_X
ClientSampleId :
VX0821WBSD02

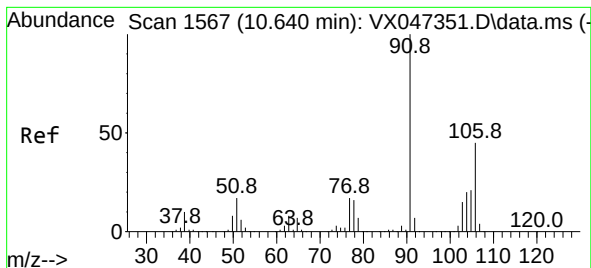
Tgt Ion: 91 Resp: 286149
Ion Ratio Lower Upper
91 100
106 31.5 24.4 36.6



#68
m/p-Xylenes
Concen: 39.837 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX047470.D
Acq: 21 Aug 2025 15:10

Tgt Ion: 106 Resp: 217876
Ion Ratio Lower Upper
106 100
91 207.0 164.7 247.1





#69

o-Xylene

Concen: 19.951 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. 0.000 min

Lab File: VX047470.D

Acq: 21 Aug 2025 15:10

Instrument :

MSVOA_X

ClientSampleId :

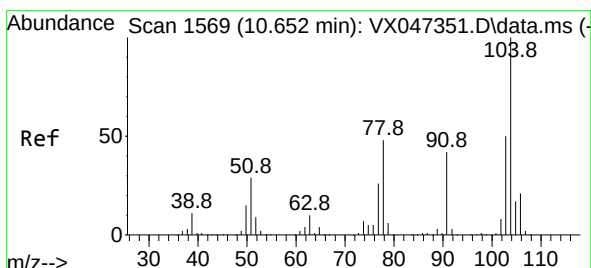
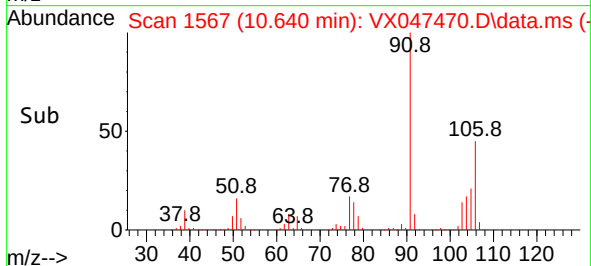
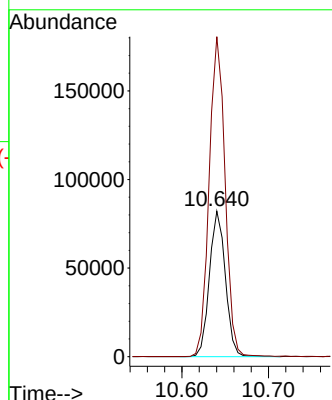
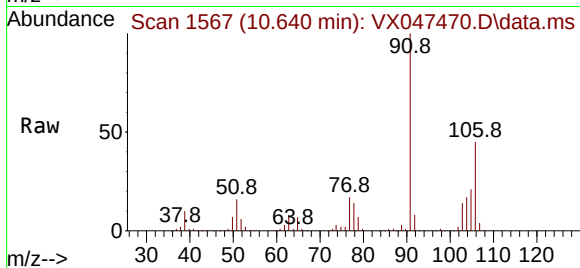
VX0821WBSD02

Tgt Ion:106 Resp: 105007

Ion Ratio Lower Upper

106 100

91 219.1 110.6 331.8



#70

Styrene

Concen: 20.522 ug/l

RT: 10.652 min Scan# 1569

Delta R.T. 0.000 min

Lab File: VX047470.D

Acq: 21 Aug 2025 15:10

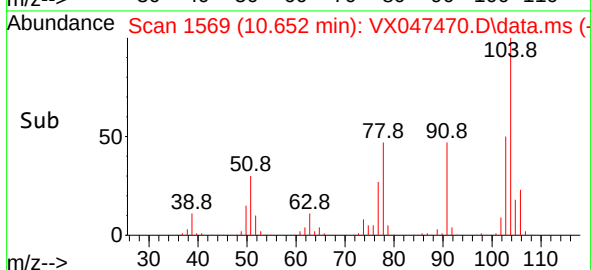
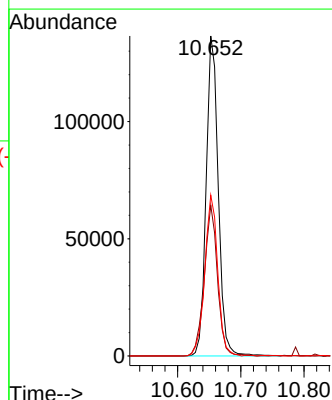
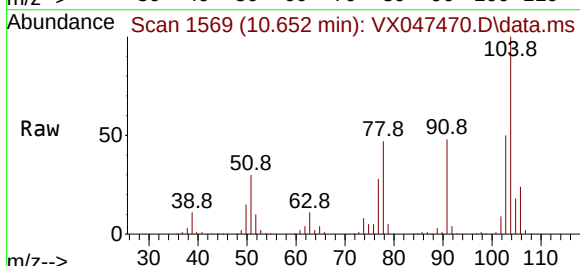
Tgt Ion:104 Resp: 182503

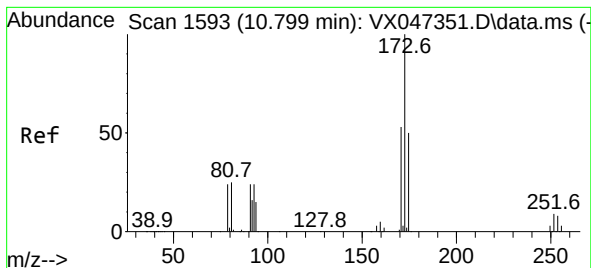
Ion Ratio Lower Upper

104 100

78 51.2 41.8 62.8

103 53.8 43.6 65.4





#71

Bromoform

Concen: 20.292 ug/l

RT: 10.799 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX047470.D

Acq: 21 Aug 2025 15:10

Instrument :

MSVOA_X

ClientSampleId :

VX0821WBSD02

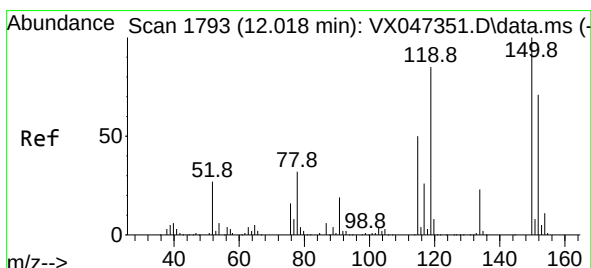
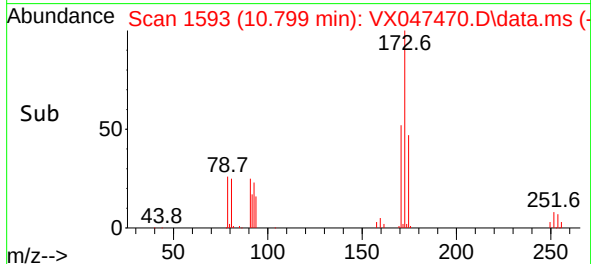
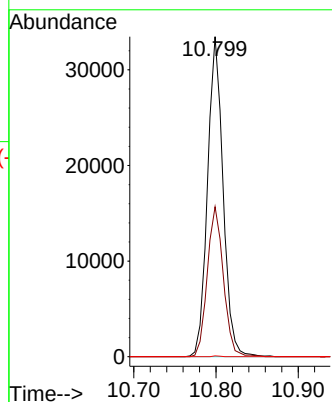
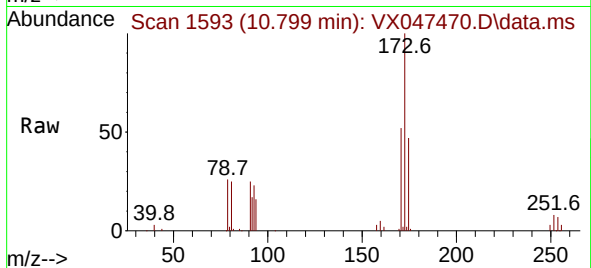
Tgt Ion:173 Resp: 43916

Ion Ratio Lower Upper

173 100

175 48.5 24.4 73.4

254 0.1 0.1 0.1



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VX047470.D

Acq: 21 Aug 2025 15:10

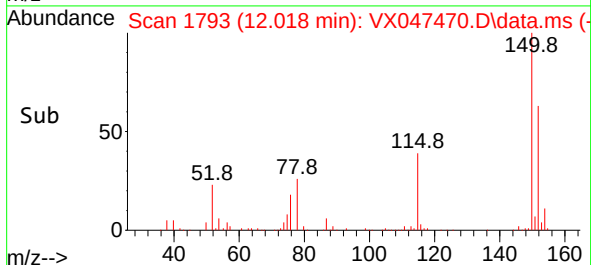
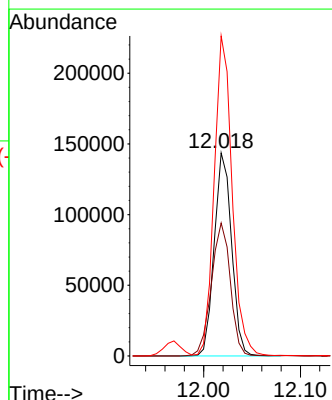
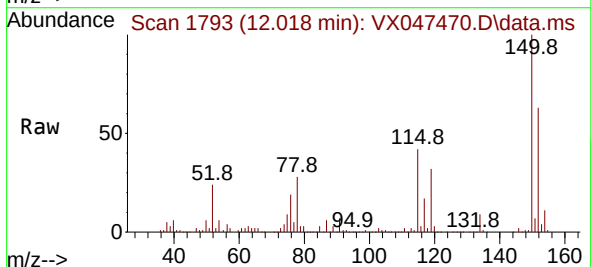
Tgt Ion:152 Resp: 178936

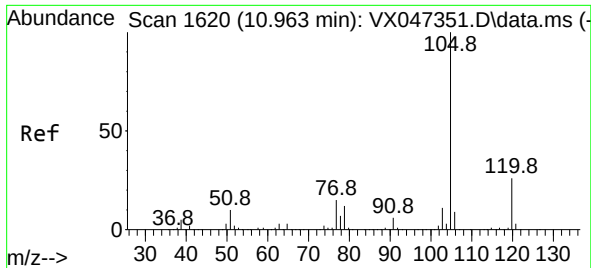
Ion Ratio Lower Upper

152 100

115 71.7 44.6 133.8

150 163.1 0.0 349.8

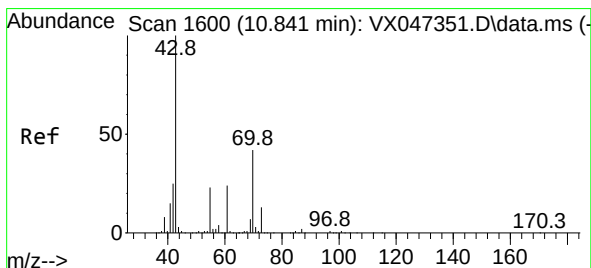
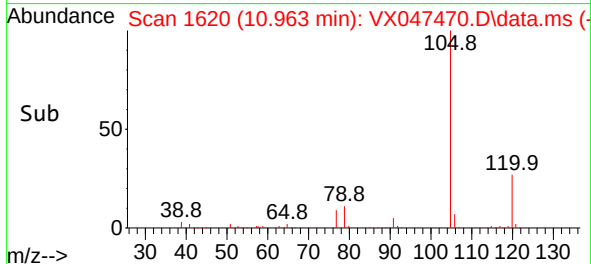
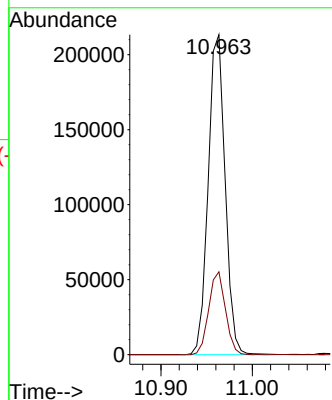
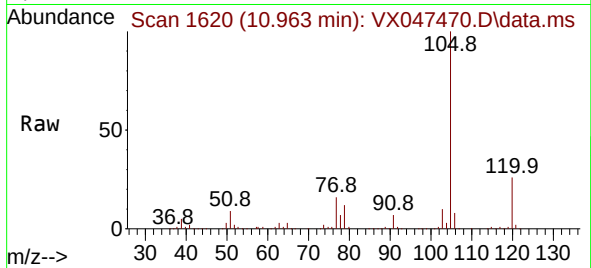




#73
Isopropylbenzene
Concen: 19.639 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX047470.D
Acq: 21 Aug 2025 15:10

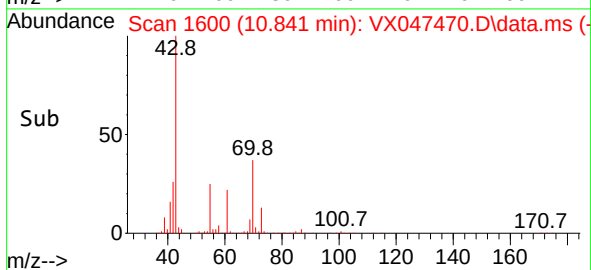
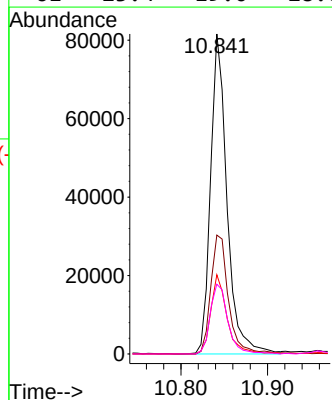
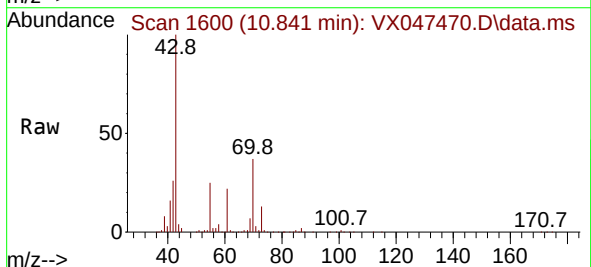
Instrument :
MSVOA_X
ClientSampleId :
VX0821WBSD02

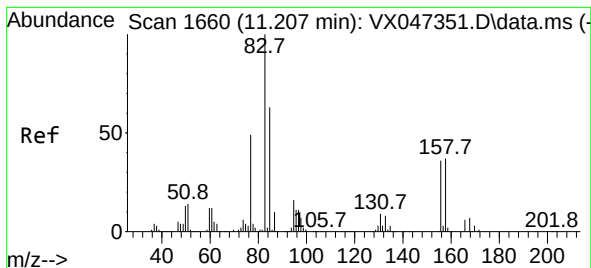
Tgt Ion:105 Resp: 274992
Ion Ratio Lower Upper
105 100
120 25.5 12.9 38.6



#74
N-ethyl acetate
Concen: 20.224 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX047470.D
Acq: 21 Aug 2025 15:10

Tgt Ion: 43 Resp: 107538
Ion Ratio Lower Upper
43 100
70 40.2 33.1 49.7
55 24.8 19.0 28.6
61 23.4 19.0 28.6





#75

1,1,2,2-Tetrachloroethane

Concen: 21.101 ug/l

RT: 11.207 min Scan# 1660

Delta R.T. 0.000 min

Lab File: VX047470.D

Acq: 21 Aug 2025 15:10

Instrument :

MSVOA_X

ClientSampleId :

VX0821WBSD02

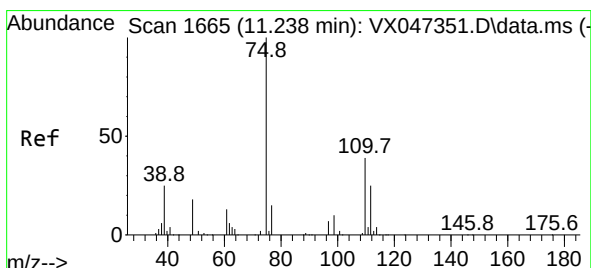
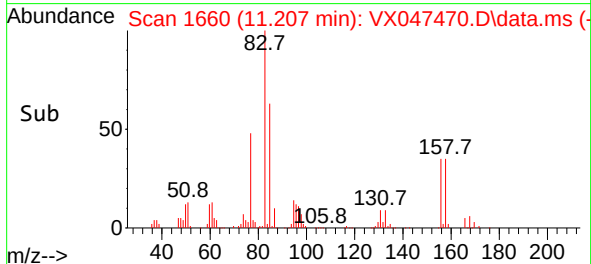
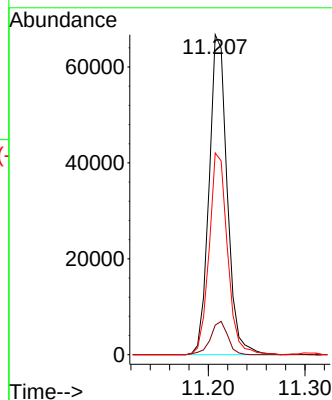
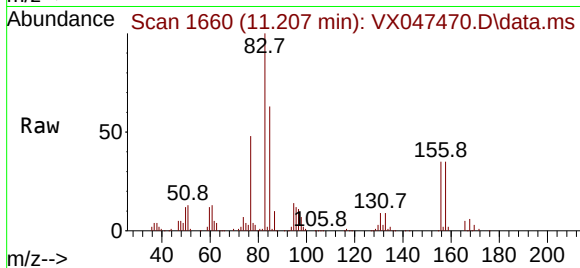
Tgt Ion: 83 Resp: 86750

Ion Ratio Lower Upper

83 100

131 10.0 5.0 15.0

85 64.1 31.7 95.1



#76

1,2,3-Trichloropropane

Concen: 24.650 ug/l

RT: 11.238 min Scan# 1665

Delta R.T. 0.000 min

Lab File: VX047470.D

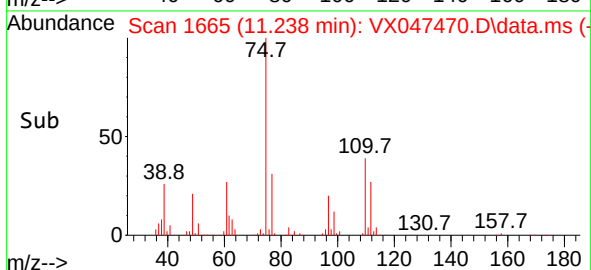
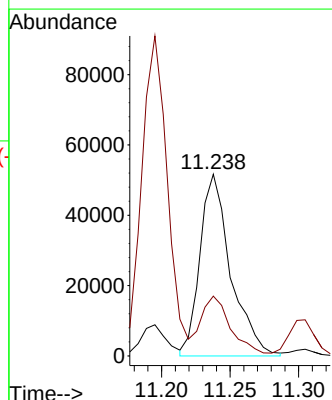
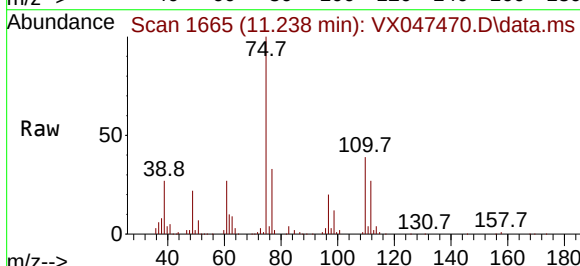
Acq: 21 Aug 2025 15:10

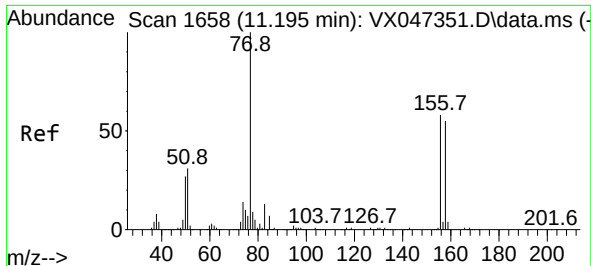
Tgt Ion: 75 Resp: 80898

Ion Ratio Lower Upper

75 100

77 32.3 19.4 58.2

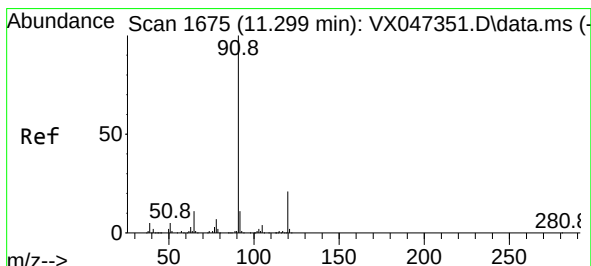
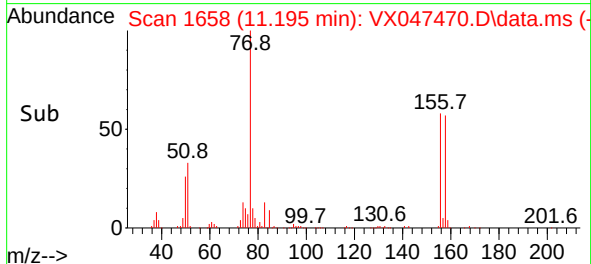
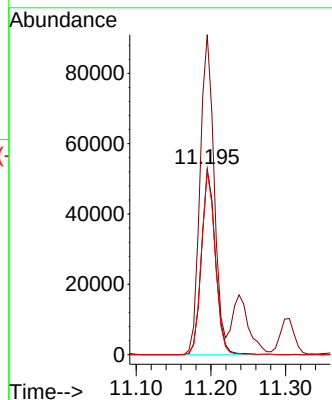
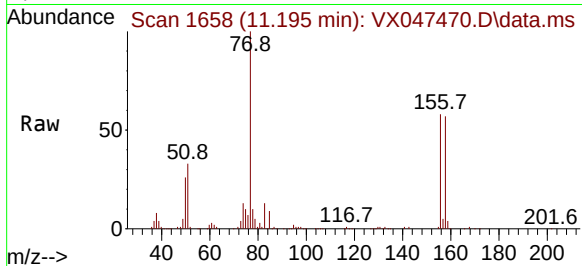




#77
Bromobenzene
Concen: 19.922 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VX047470.D
Acq: 21 Aug 2025 15:10

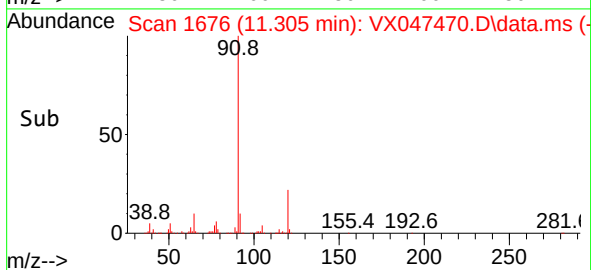
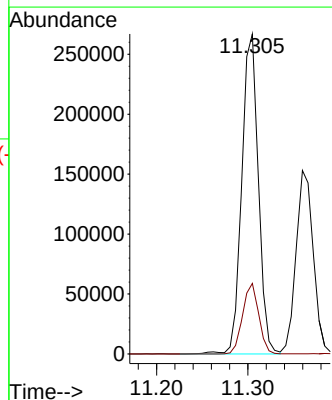
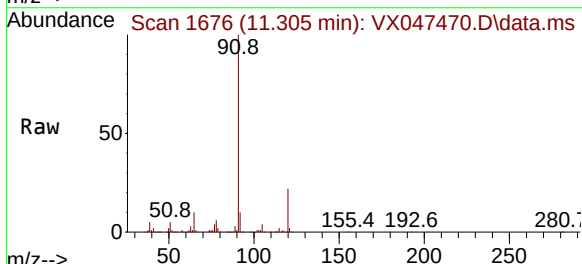
Instrument :
MSVOA_X
ClientSampleId :
VX0821WBSD02

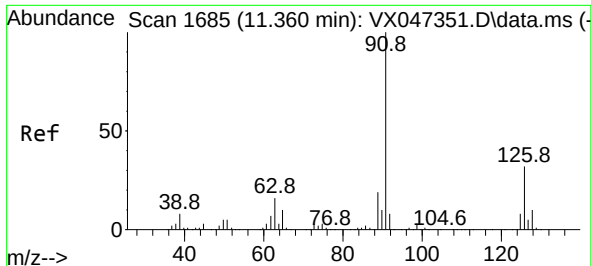
Tgt Ion:156 Resp: 68118
Ion Ratio Lower Upper
156 100
77 174.4 86.3 258.9
158 98.6 48.0 144.2



#78
n-propylbenzene
Concen: 20.074 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.006 min
Lab File: VX047470.D
Acq: 21 Aug 2025 15:10

Tgt Ion: 91 Resp: 335708
Ion Ratio Lower Upper
91 100
120 21.5 11.0 33.0

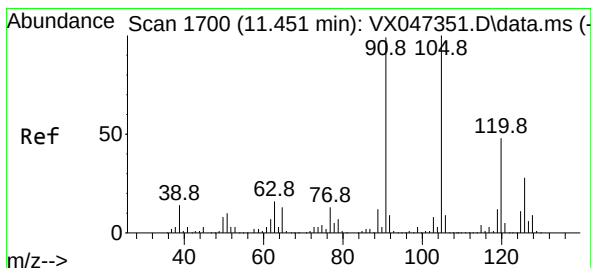
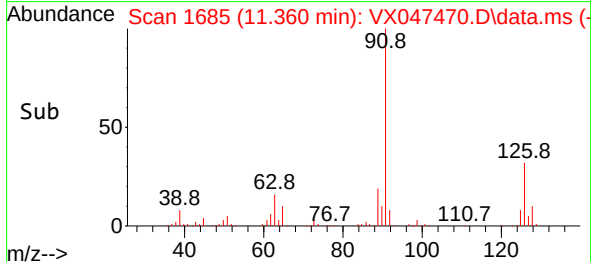
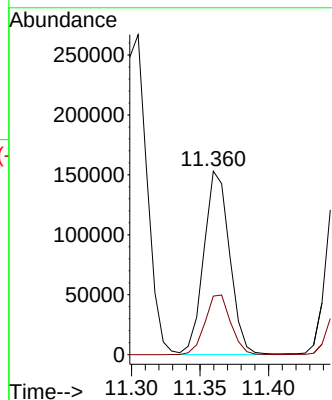
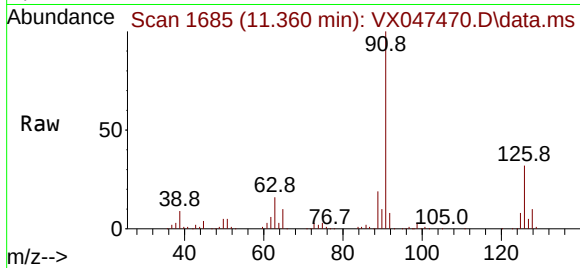




#79
2-Chlorotoluene
Concen: 19.786 ug/l
RT: 11.360 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047470.D
Acq: 21 Aug 2025 15:10

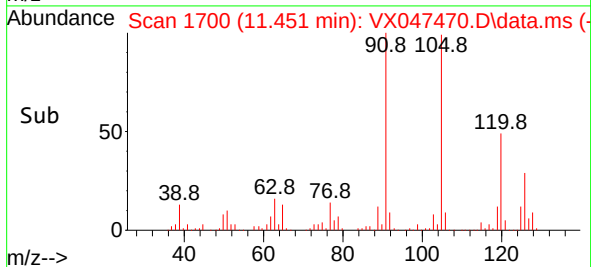
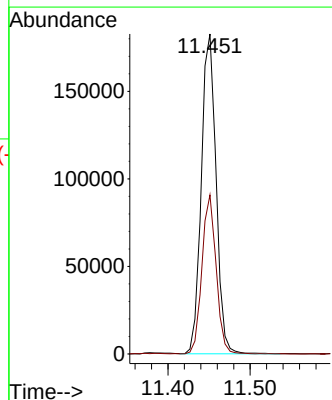
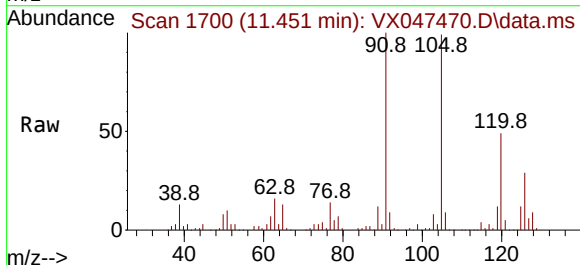
Instrument :
MSVOA_X
ClientSampleId :
VX0821WBSD02

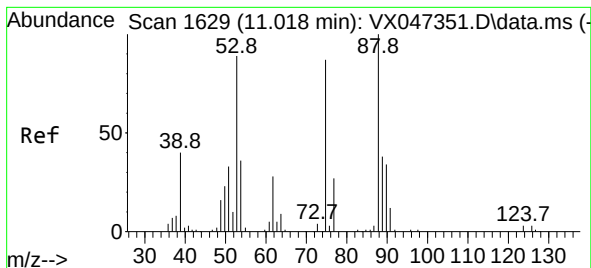
Tgt Ion: 91 Resp: 200021
Ion Ratio Lower Upper
91 100
126 32.6 16.7 50.1



#80
1,3,5-Trimethylbenzene
Concen: 19.753 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX047470.D
Acq: 21 Aug 2025 15:10

Tgt Ion: 105 Resp: 227578
Ion Ratio Lower Upper
105 100
120 47.8 23.9 71.7

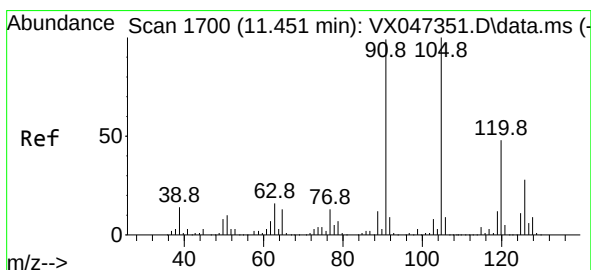
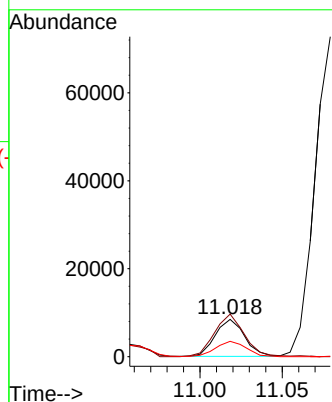
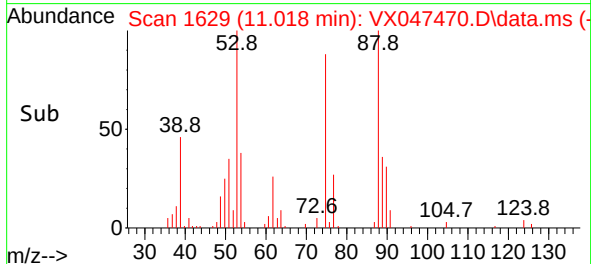
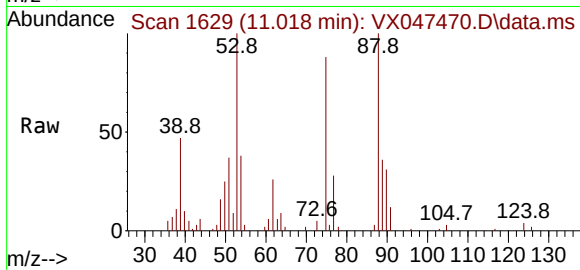




#81
trans-1,4-Dichloro-2-butene
Concen: 19.559 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX047470.D
Acq: 21 Aug 2025 15:10

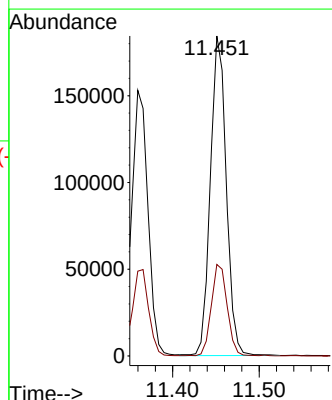
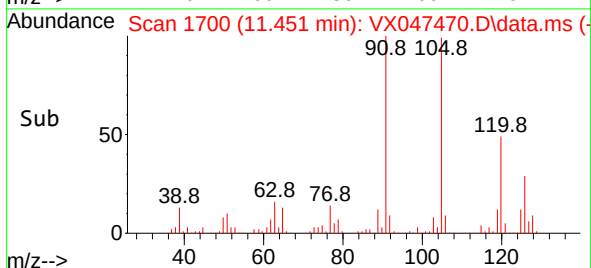
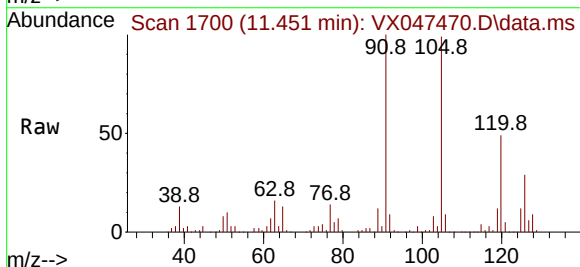
Instrument :
MSVOA_X
ClientSampleId :
VX0821WBSD02

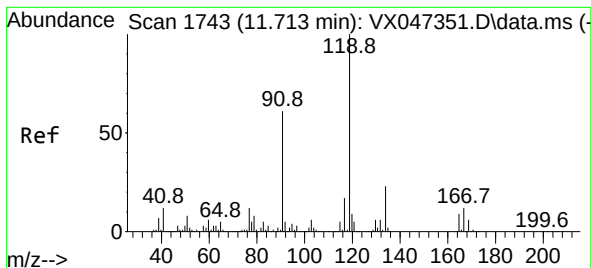
Tgt Ion: 75 Resp: 10477
Ion Ratio Lower Upper
75 100
53 117.9 85.2 127.8
89 43.2 36.7 55.1



#82
4-Chlorotoluene
Concen: 19.754 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX047470.D
Acq: 21 Aug 2025 15:10

Tgt Ion: 91 Resp: 235407
Ion Ratio Lower Upper
91 100
126 28.3 14.4 43.0





#83

tert-Butylbenzene

Concen: 19.982 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX047470.D

Acq: 21 Aug 2025 15:10

Instrument :

MSVOA_X

ClientSampleId :

VX0821WBSD02

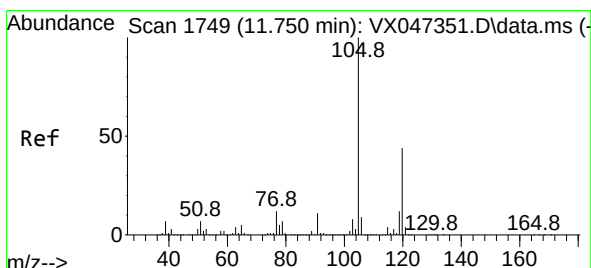
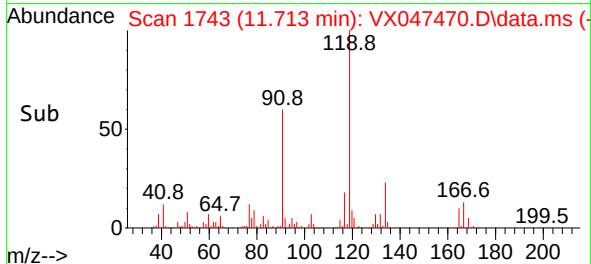
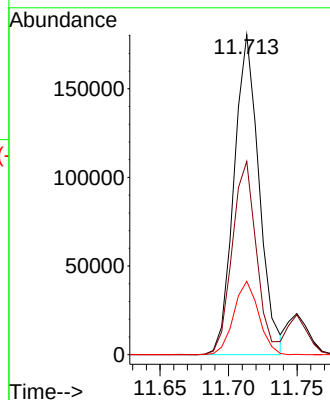
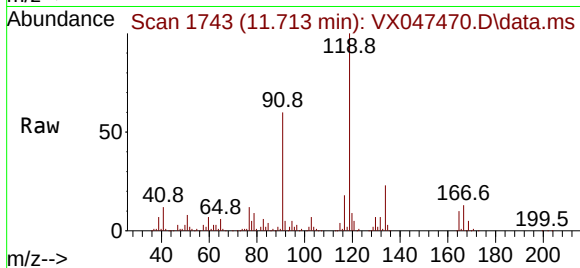
Tgt Ion:119 Resp: 229679

Ion Ratio Lower Upper

119 100

91 59.2 29.1 87.4

134 22.9 11.3 33.9



#84

1,2,4-Trimethylbenzene

Concen: 19.899 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX047470.D

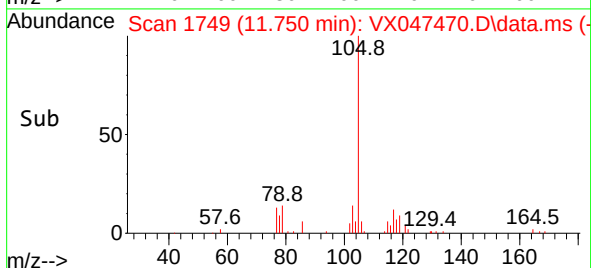
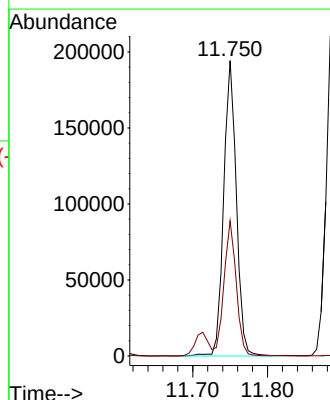
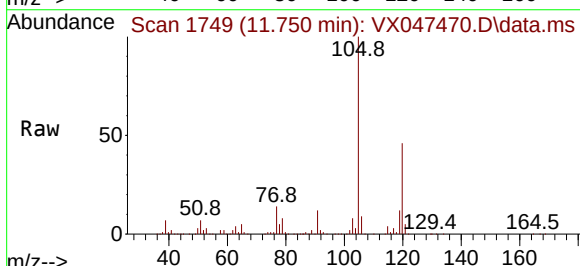
Acq: 21 Aug 2025 15:10

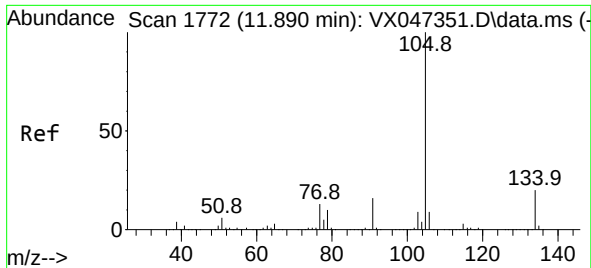
Tgt Ion:105 Resp: 229266

Ion Ratio Lower Upper

105 100

120 44.5 21.9 65.7

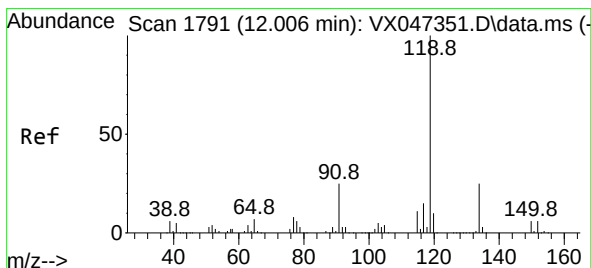
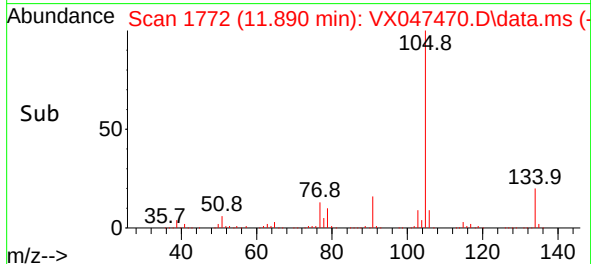
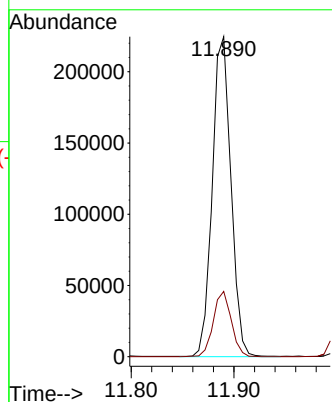
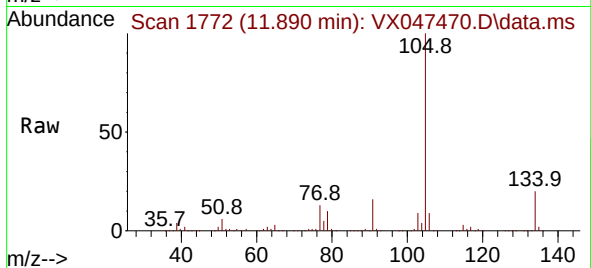




#85
sec-Butylbenzene
Concen: 19.926 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VX047470.D
Acq: 21 Aug 2025 15:10

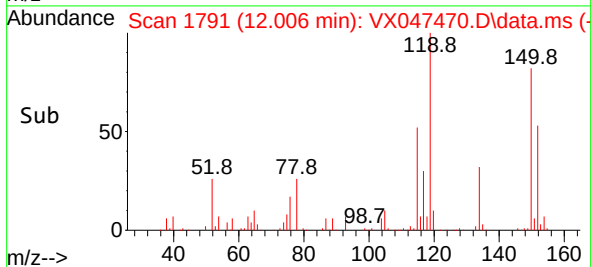
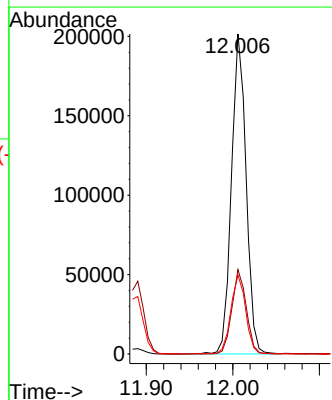
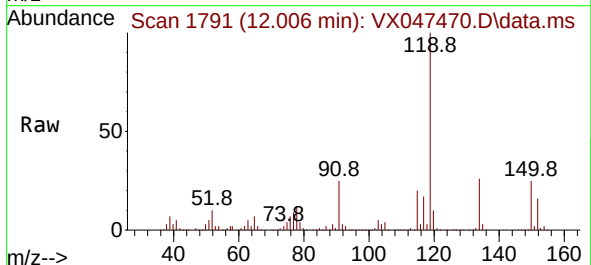
Instrument :
MSVOA_X
ClientSampleId :
VX0821WBSD02

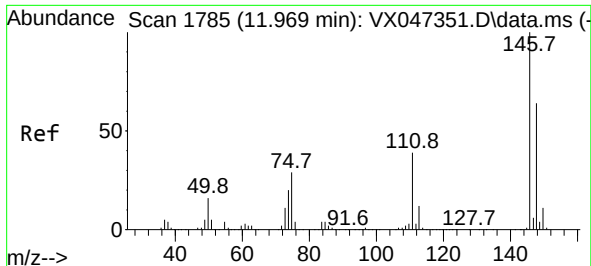
Tgt Ion:105 Resp: 283877
Ion Ratio Lower Upper
105 100
134 19.7 9.8 29.5



#86
p-Isopropyltoluene
Concen: 19.625 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VX047470.D
Acq: 21 Aug 2025 15:10

Tgt Ion:119 Resp: 236591
Ion Ratio Lower Upper
119 100
134 25.8 12.8 38.4
91 25.2 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 19.946 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX047470.D

Acq: 21 Aug 2025 15:10

Instrument :

MSVOA_X

ClientSampleId :

VX0821WBSD02

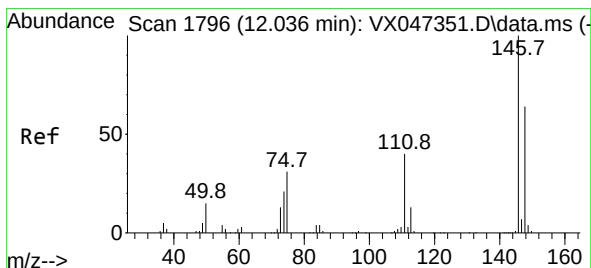
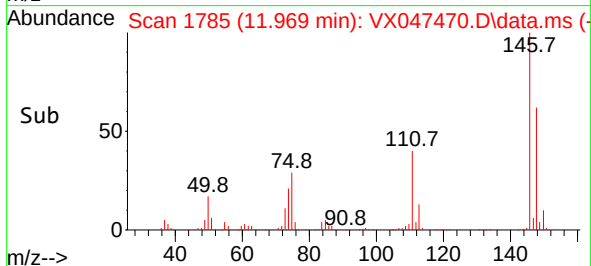
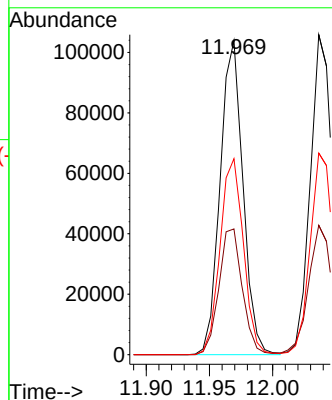
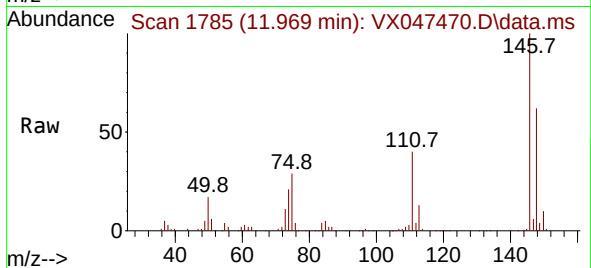
Tgt Ion:146 Resp: 130291

Ion Ratio Lower Upper

146 100

111 41.1 20.6 61.8

148 64.0 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 19.539 ug/l

RT: 12.036 min Scan# 1796

Delta R.T. 0.000 min

Lab File: VX047470.D

Acq: 21 Aug 2025 15:10

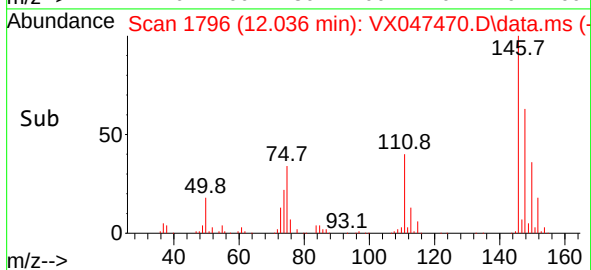
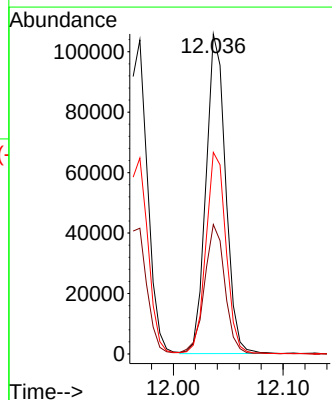
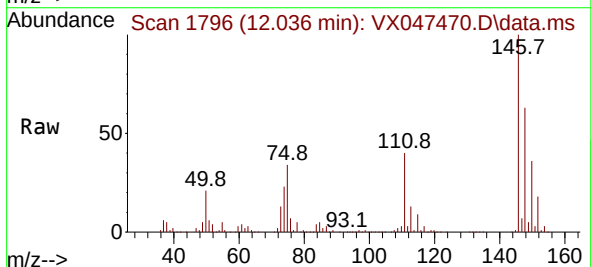
Tgt Ion:146 Resp: 131270

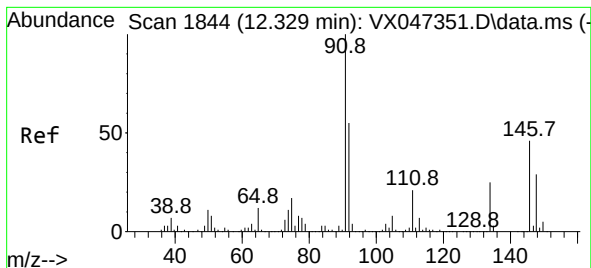
Ion Ratio Lower Upper

146 100

111 42.3 20.4 61.2

148 65.0 31.7 95.1





#89

n-Butylbenzene

Concen: 19.754 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. 0.000 min

Lab File: VX047470.D

Acq: 21 Aug 2025 15:10

Instrument :

MSVOA_X

ClientSampleId :

VX0821WBSD02

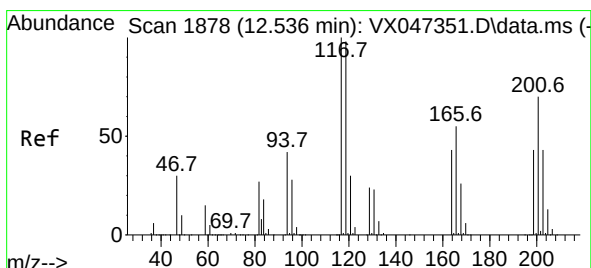
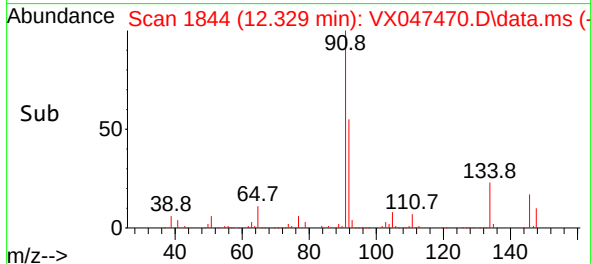
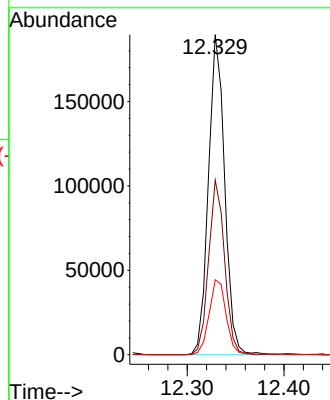
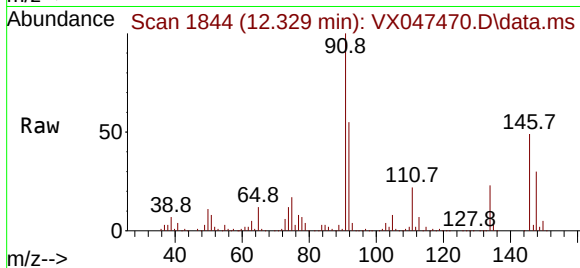
Tgt Ion: 91 Resp: 221505

Ion Ratio Lower Upper

91 100

92 53.8 27.2 81.5

134 24.6 12.6 37.8



#90

Hexachloroethane

Concen: 18.741 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX047470.D

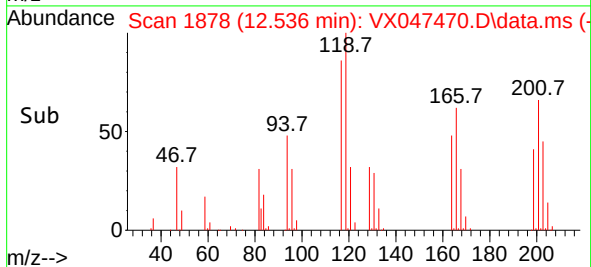
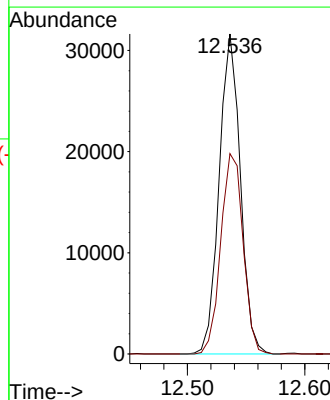
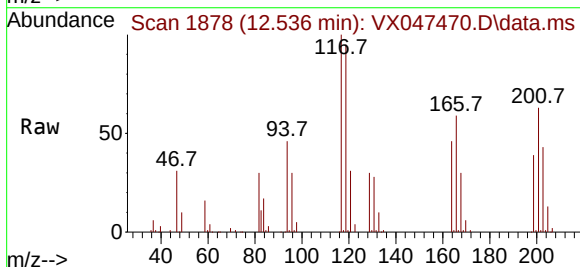
Acq: 21 Aug 2025 15:10

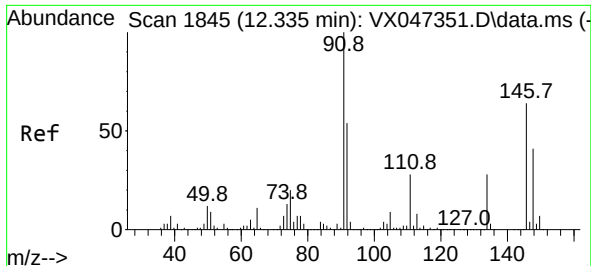
Tgt Ion: 117 Resp: 39637

Ion Ratio Lower Upper

117 100

201 66.1 35.1 105.3





#91

1,2-Dichlorobenzene

Concen: 20.394 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX047470.D

Acq: 21 Aug 2025 15:10

Instrument :

MSVOA_X

ClientSampleId :

VX0821WBSD02

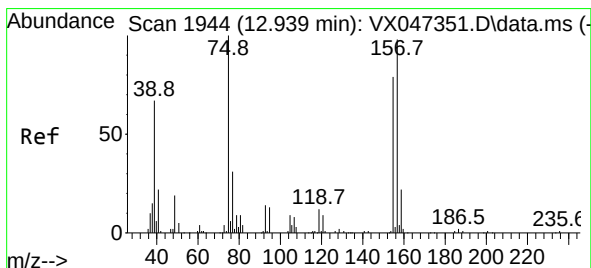
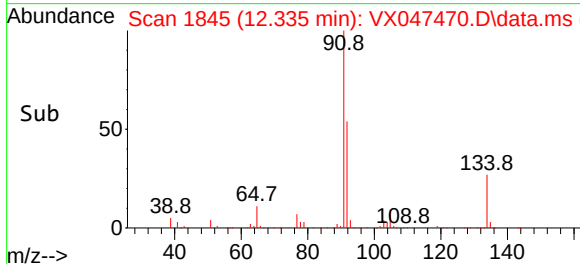
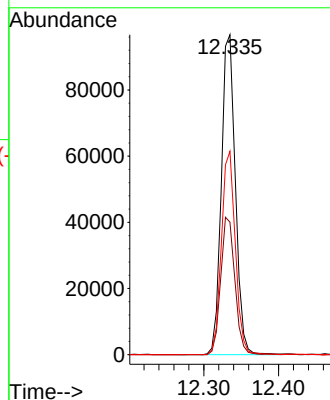
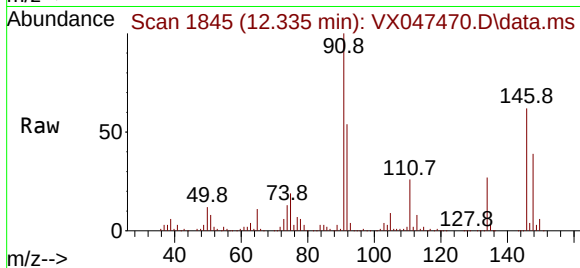
Tgt Ion:146 Resp: 126448

Ion Ratio Lower Upper

146 100

111 43.5 22.1 66.1

148 63.1 31.9 95.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.879 ug/l

RT: 12.939 min Scan# 1944

Delta R.T. 0.000 min

Lab File: VX047470.D

Acq: 21 Aug 2025 15:10

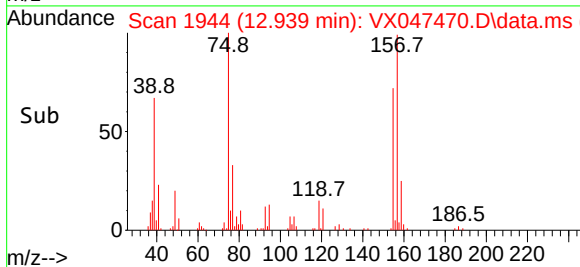
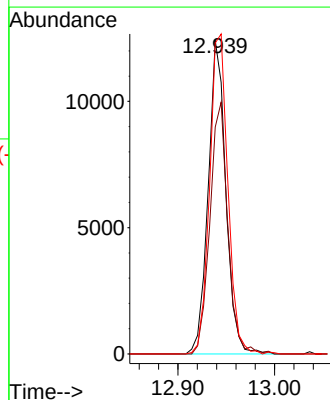
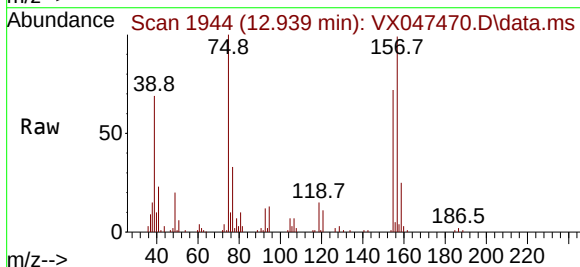
Tgt Ion: 75 Resp: 15805

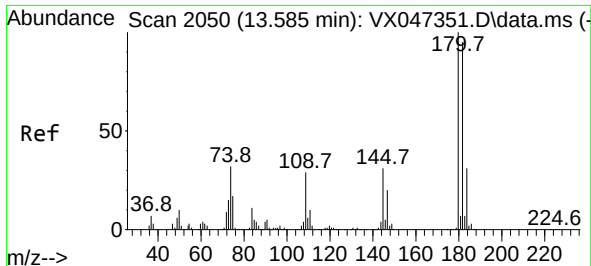
Ion Ratio Lower Upper

75 100

155 81.3 41.3 123.7

157 105.6 51.5 154.5

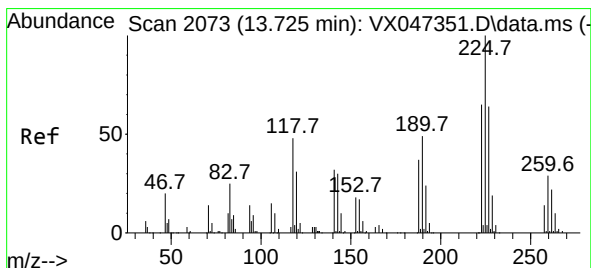
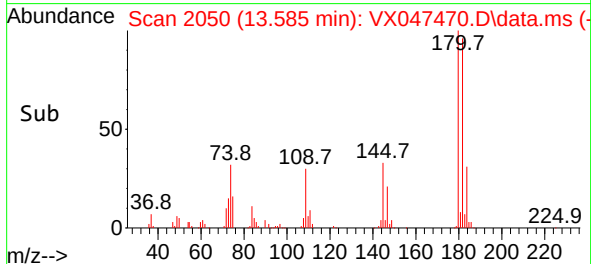
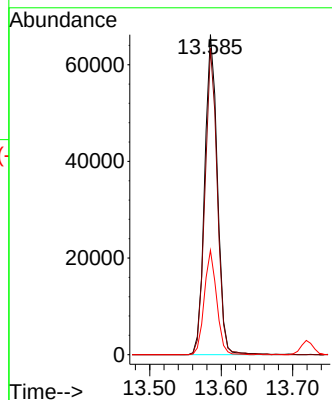
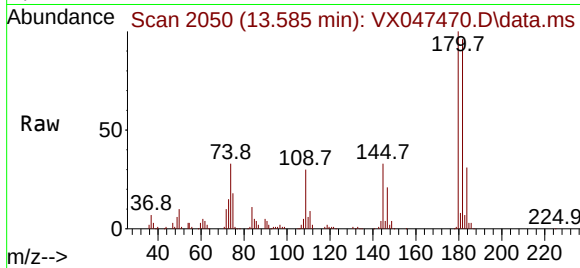




#93
1,2,4-Trichlorobenzene
Concen: 19.694 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. 0.000 min
Lab File: VX047470.D
Acq: 21 Aug 2025 15:10

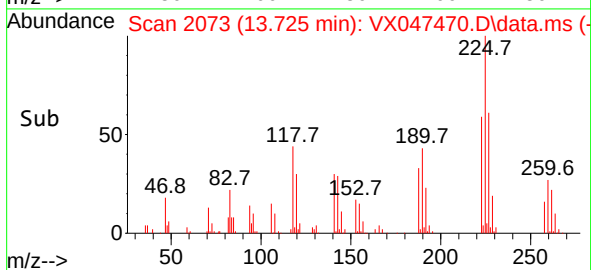
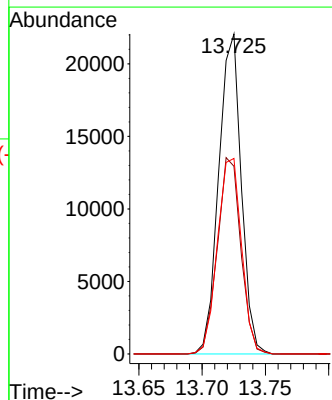
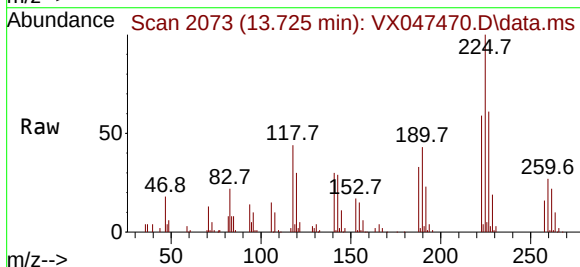
Instrument :
MSVOA_X
ClientSampleId :
VX0821WBSD02

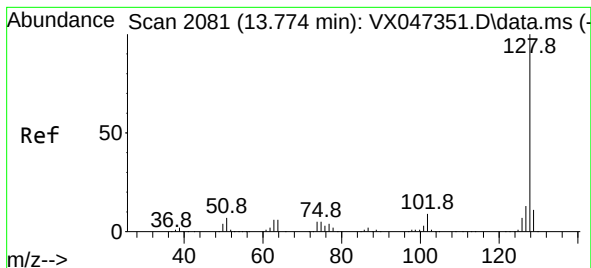
Tgt Ion:180 Resp: 81858
Ion Ratio Lower Upper
180 100
182 92.9 48.1 144.4
145 31.6 16.2 48.5



#94
Hexachlorobutadiene
Concen: 18.433 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX047470.D
Acq: 21 Aug 2025 15:10

Tgt Ion:225 Resp: 27272
Ion Ratio Lower Upper
225 100
223 63.9 32.2 96.6
227 65.5 31.6 95.0





#95

Naphthalene

Concen: 21.329 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX047470.D

Acq: 21 Aug 2025 15:10

Instrument :

MSVOA_X

ClientSampleId :

VX0821WBSD02

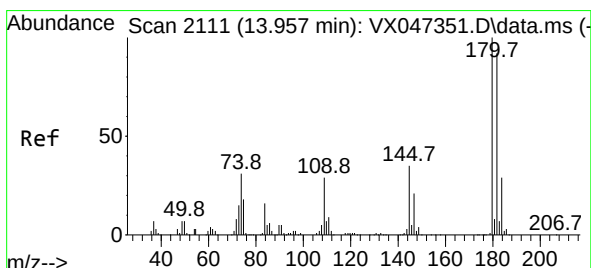
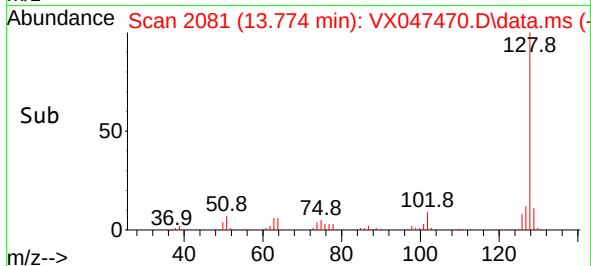
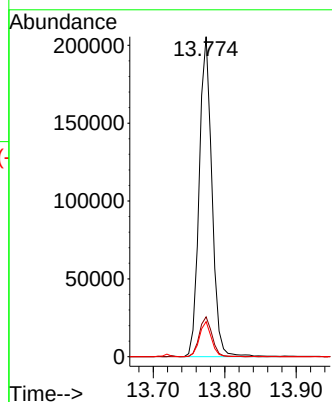
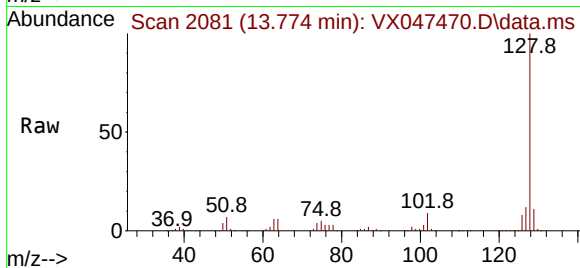
Tgt Ion:128 Resp: 253357

Ion Ratio Lower Upper

128 100

127 12.5 10.1 15.1

129 10.4 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 19.730 ug/l

RT: 13.957 min Scan# 2111

Delta R.T. 0.000 min

Lab File: VX047470.D

Acq: 21 Aug 2025 15:10

Tgt Ion:180 Resp: 77303

Ion Ratio Lower Upper

180 100

182 95.9 48.0 144.2

145 36.7 17.4 52.2

