

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102925\
 Data File : VX048409.D
 Acq On : 29 Oct 2025 12:01
 Operator : JC/MD
 Sample : VSTDICC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC020

Manual Integrations
 APPROVED

Reviewed By :Amit Patel 10/30/2025
 Supervised By :Mahesh Dadoda 10/30/2025

Quant Time: Oct 30 02:20:07 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102925W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 30 02:16:32 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	155635	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	265505	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	239952	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	119721	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	42907	19.170	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	38.340%#		
35) Dibromofluoromethane	5.373	113	27594	18.229	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	36.460%#		
50) Toluene-d8	8.635	98	126497	18.931	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	37.860%#		
62) 4-Bromofluorobenzene	11.061	95	46359	18.546	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	37.100%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.172	85	29696	18.705	ug/l	99
3) Chloromethane	1.301	50	17139	19.135	ug/l	92
4) Vinyl Chloride	1.380	62	39944	19.306	ug/l	100
5) Bromomethane	1.618	94	16011	21.422	ug/l	98
6) Chloroethane	1.697	64	23758	19.308	ug/l	93
7) Trichlorofluoromethane	1.898	101	61068	19.260	ug/l	98
8) Diethyl Ether	2.136	74	22891	19.976	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.337	101	34020	19.075	ug/l	97
10) Methyl Iodide	2.459	142	132951	18.539	ug/l	99
11) Tert butyl alcohol	2.940	59	16744	97.643	ug/l	98
12) 1,1-Dichloroethene	2.325	96	34822	19.222	ug/l	92
13) Acrolein	2.233	56	34708	96.966	ug/l	99
14) Allyl chloride	2.666	41	58890	19.196	ug/l	99
15) Acrylonitrile	3.056	53	74971	96.103	ug/l	100
16) Acetone	2.373	43	48676	95.953	ug/l	90
17) Carbon Disulfide	2.520	76	101385	19.519	ug/l	99
18) Methyl Acetate	2.697	43	30394	17.914	ug/l	97
19) Methyl tert-butyl Ether	3.105	73	112995	19.478	ug/l	99
20) Methylene Chloride	2.788	84	38558	19.718	ug/l	99
21) trans-1,2-Dichloroethene	3.093	96	37969	19.733	ug/l	93
22) Diisopropyl ether	3.751	45	125099	19.923	ug/l	97
23) Vinyl Acetate	3.715	43	453379	106.067	ug/l	100
24) 1,1-Dichloroethane	3.605	63	70156	19.687	ug/l	99
25) 2-Butanone	4.538	43	81242	100.249	ug/l	98
26) 2,2-Dichloropropane	4.471	77	58181	18.962	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	44153	19.227	ug/l	99
28) Bromochloromethane	4.891	49	34639	21.448	ug/l	96
29) Tetrahydrofuran	4.989	42	55207	95.658	ug/l	99
30) Chloroform	5.086	83	72660	19.821	ug/l	99
31) Cyclohexane	5.464	56	60266	19.483	ug/l	96
32) 1,1,1-Trichloroethane	5.379	97	63038	19.479	ug/l	99
36) 1,1-Dichloropropene	5.684	75	51050	20.082	ug/l	98
37) Ethyl Acetate	4.702	43	42038	19.410	ug/l	99
38) Carbon Tetrachloride	5.666	117	56042	19.094	ug/l	97
39) Methylcyclohexane	7.366	83	60050	18.370	ug/l	98
40) Benzene	6.031	78	154747	19.926	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.904	41	21765	19.952	ug/l	99
42) 1,2-Dichloroethane	6.074	62	55126	20.153	ug/l	99
43) Isopropyl Acetate	6.324	43	70480	19.711	ug/l	97
44) Trichloroethene	7.110	130	39126	19.230	ug/l	96
45) 1,2-Dichloropropane	7.415	63	38163	19.677	ug/l	98
46) Dibromomethane	7.568	93	26809	19.745	ug/l	97
47) Bromodichloromethane	7.805	83	56897	19.723	ug/l	100
48) Methyl methacrylate	7.677	41	34546	19.812	ug/l	99
49) 1,4-Dioxane	7.641	88	8028	405.056	ug/l	96
51) 4-Methyl-2-Pentanone	8.555	43	198117	99.558	ug/l	98
52) Toluene	8.702	92	95778	19.737	ug/l	99
53) t-1,3-Dichloropropene	8.964	75	54135	20.704	ug/l	99
54) cis-1,3-Dichloropropene	8.354	75	59288	21.045	ug/l	93
55) 1,1,2-Trichloroethane	9.134	97	35297	20.100	ug/l	96
56) Ethyl methacrylate	9.104	69	50195	19.521	ug/l	98
57) 1,3-Dichloropropane	9.293	76	60087	19.734	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.226	63	147643	102.113	ug/l	98
59) 2-Hexanone	9.415	43	131938	101.896	ug/l	99
60) Dibromochloromethane	9.506	129	42810	19.711	ug/l	99
61) 1,2-Dibromoethane	9.592	107	35900	19.761	ug/l	98
64) Tetrachloroethene	9.256	164	36898	19.095	ug/l	98
65) Chlorobenzene	10.061	112	107348	19.419	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.146	131	37061	19.709	ug/l	98
67) Ethyl Benzene	10.177	91	181239	19.472	ug/l	100
68) m/p-Xylenes	10.287	106	137786	39.097	ug/l	98
69) o-Xylene	10.628	106	65886	19.564	ug/l	96
70) Styrene	10.640	104	113244	19.850	ug/l	99
71) Bromoform	10.781	173	25652	18.858	ug/l #	99
73) Isopropylbenzene	10.945	105	172017	19.426	ug/l	100
74) N-amyl acetate	10.823	43	61330	19.415	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.195	83	43767	19.513	ug/l	99
76) 1,2,3-Trichloropropane	11.219	75	33917m	18.164	ug/l	
77) Bromobenzene	11.183	156	42441	19.402	ug/l	97
78) n-propylbenzene	11.287	91	204115	19.503	ug/l	98
79) 2-Chlorotoluene	11.347	91	121563	19.346	ug/l	98
80) 1,3,5-Trimethylbenzene	11.433	105	141180	19.449	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.000	75	9353	18.799	ug/l #	61
82) 4-Chlorotoluene	11.439	91	144766	19.597	ug/l	98
83) tert-Butylbenzene	11.695	119	141031	19.084	ug/l	98
84) 1,2,4-Trimethylbenzene	11.732	105	142497	19.826	ug/l	99
85) sec-Butylbenzene	11.872	105	178477	19.383	ug/l	100
86) p-Isopropyltoluene	11.988	119	150606	19.347	ug/l	99
87) 1,3-Dichlorobenzene	11.951	146	79513	19.034	ug/l	99
88) 1,4-Dichlorobenzene	12.024	146	79800	18.755	ug/l	98
89) n-Butylbenzene	12.317	91	138220	18.912	ug/l	100
90) Hexachloroethane	12.518	117	25696	18.786	ug/l	99
91) 1,2-Dichlorobenzene	12.317	146	74930	19.356	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.920	75	8210	18.693	ug/l	96
93) 1,2,4-Trichlorobenzene	13.567	180	50064	18.742	ug/l	98
94) Hexachlorobutadiene	13.707	225	20853	18.610	ug/l	97
95) Naphthalene	13.756	128	126677	18.777	ug/l	100
96) 1,2,3-Trichlorobenzene	13.938	180	45847	18.895	ug/l	97

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QLast Update : Thu Oct 30 02:16:32 2025
Response via : Initial Calibration

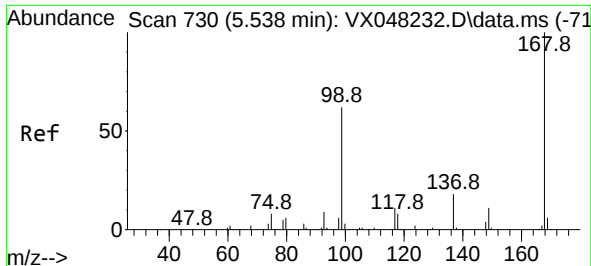
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Manual Integrations

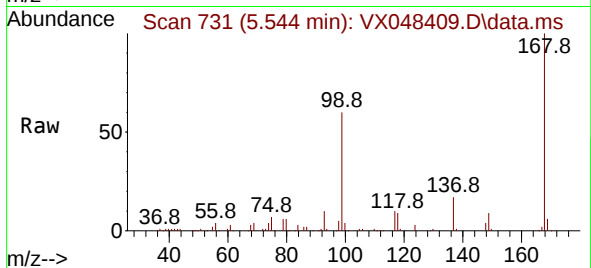
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX048409.D
Acq: 29 Oct 2025 12:01

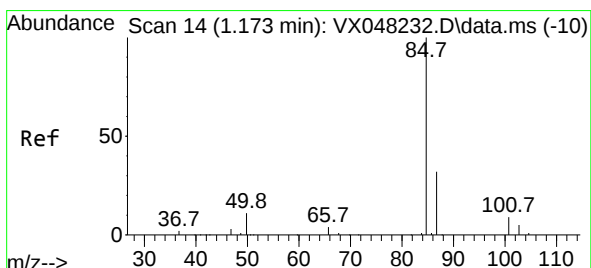
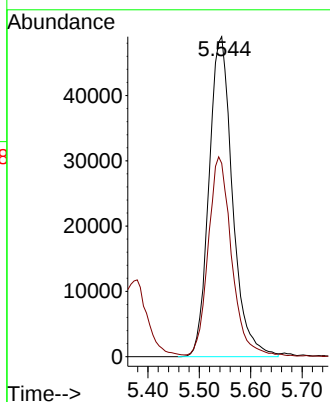
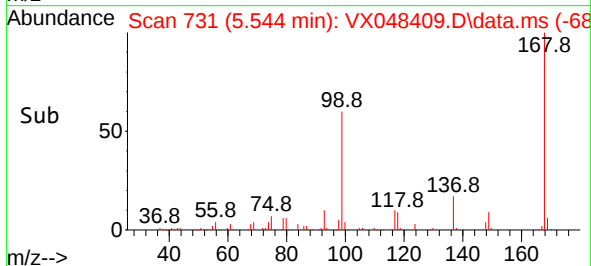
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



Tgt Ion:168 Resp: 15563
Ion Ratio Lower Upper
168 100
99 59.6 46.4 69.6

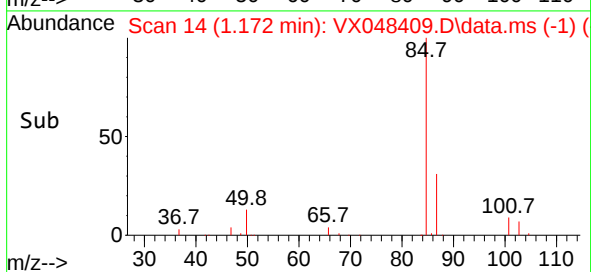
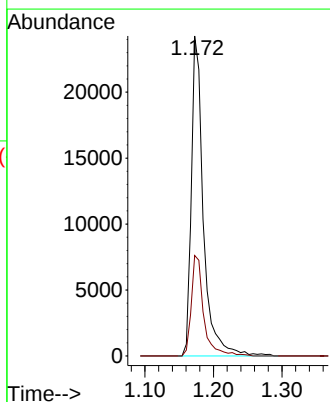
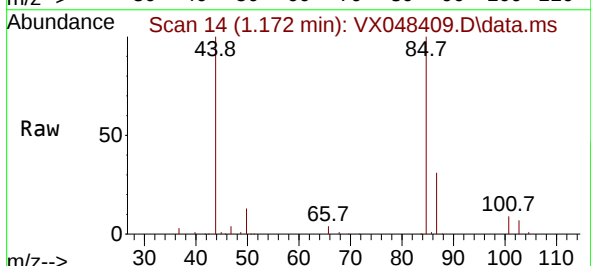
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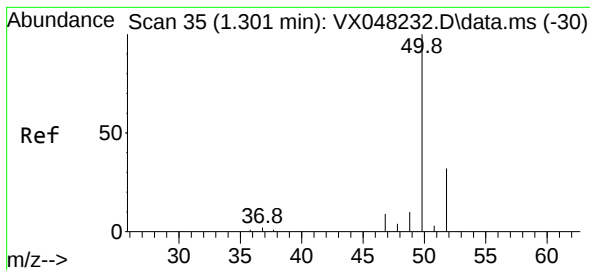
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025



#2
Dichlorodifluoromethane
Concen: 18.705 ug/l
RT: 1.172 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX048409.D
Acq: 29 Oct 2025 12:01

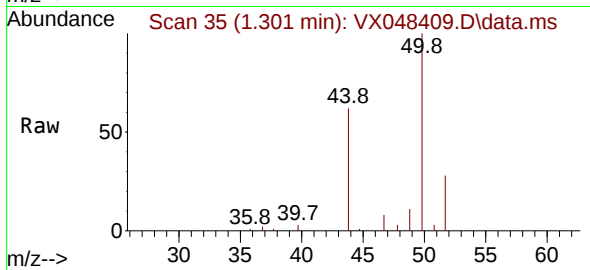
Tgt Ion: 85 Resp: 29696
Ion Ratio Lower Upper
85 100
87 31.4 15.3 45.9





#3
Chloromethane
Concen: 19.135 ug/l
RT: 1.301 min Scan# 35
Delta R.T. 0.000 min
Lab File: VX048409.D
Acq: 29 Oct 2025 12:01

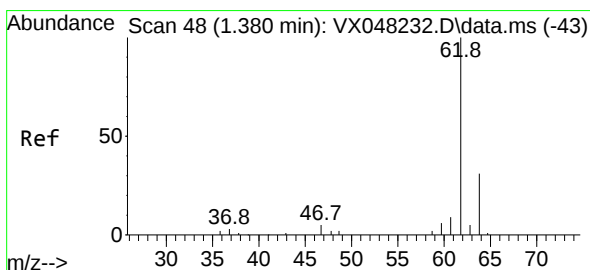
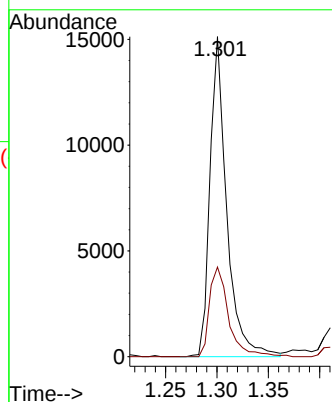
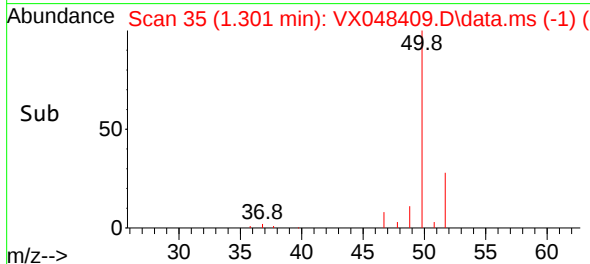
Instrument :
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VSTDICC020



Tgt Ion: 50 Resp: 17139
Ion Ratio Lower Upper
50 100
52 28.0 25.9 38.9

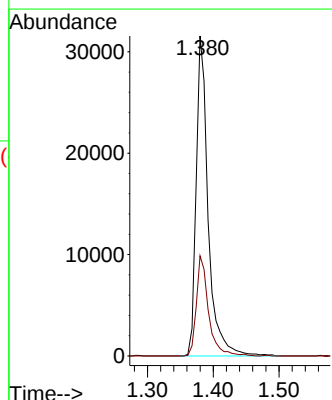
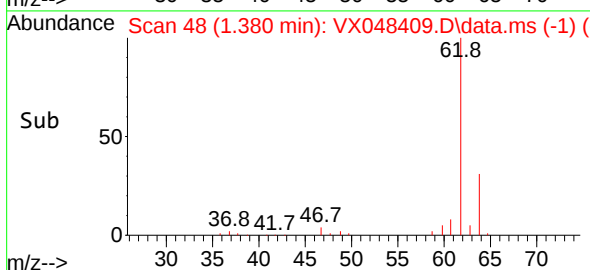
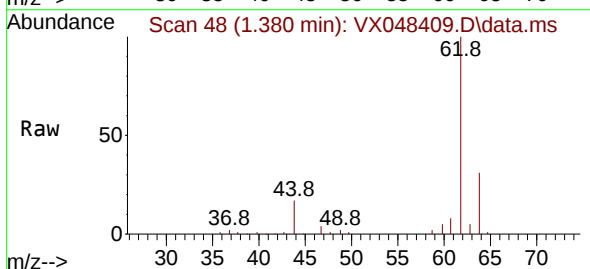
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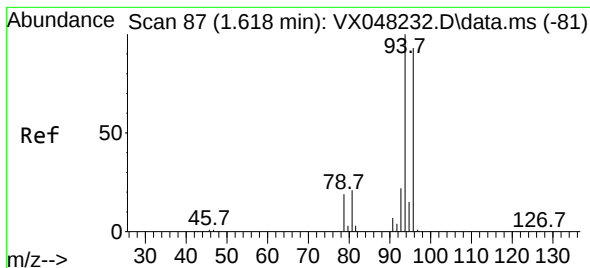
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025



#4
Vinyl Chloride
Concen: 19.306 ug/l
RT: 1.380 min Scan# 48
Delta R.T. 0.000 min
Lab File: VX048409.D
Acq: 29 Oct 2025 12:01

Tgt Ion: 62 Resp: 39944
Ion Ratio Lower Upper
62 100
64 31.3 25.1 37.7





#5

Bromomethane

Concen: 21.422 ug/l

RT: 1.618 min Scan# 81

Delta R.T. 0.000 min

Lab File: VX048409.D

Acq: 29 Oct 2025 12:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 94 Resp: 1601

Ion Ratio Lower Upper

94 100

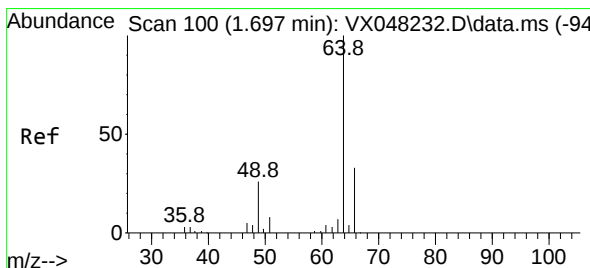
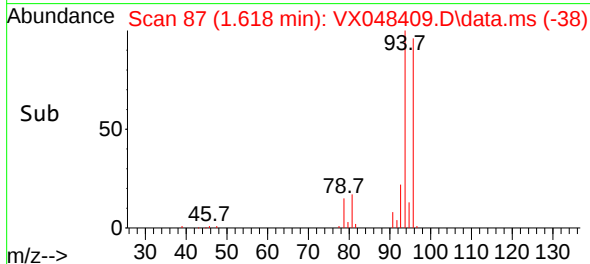
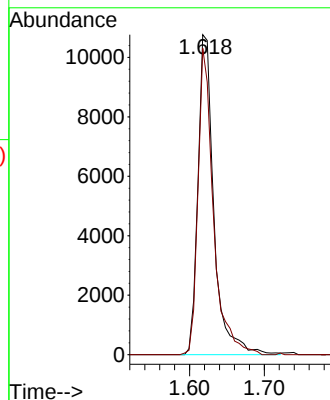
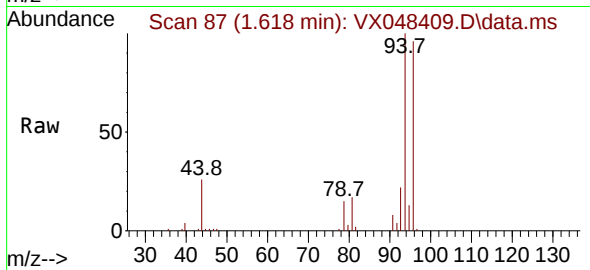
96 97.1 76.0 114.0

Manual Integrations

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#6

Chloroethane

Concen: 19.308 ug/l

RT: 1.697 min Scan# 100

Delta R.T. 0.000 min

Lab File: VX048409.D

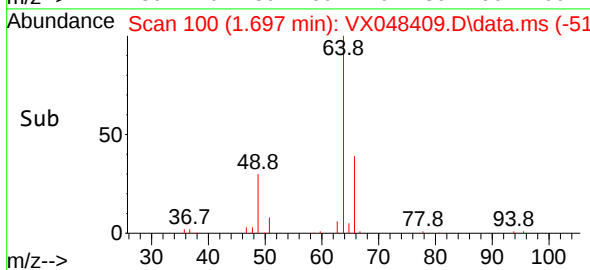
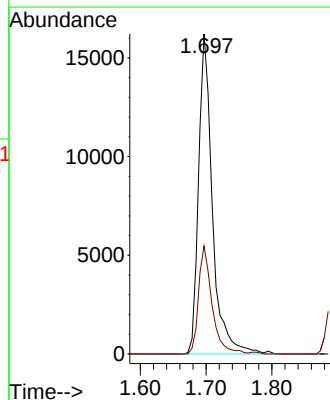
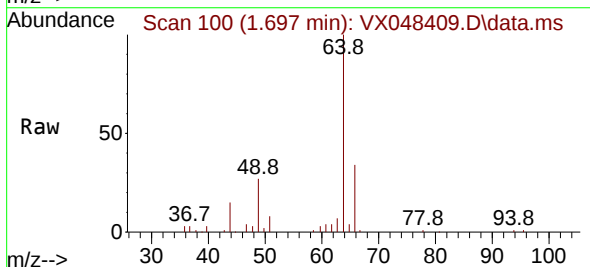
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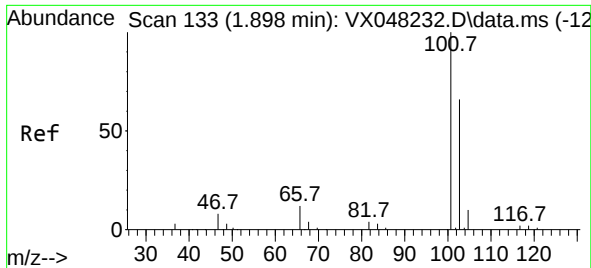
Tgt Ion: 64 Resp: 23758

Ion Ratio Lower Upper

64 100

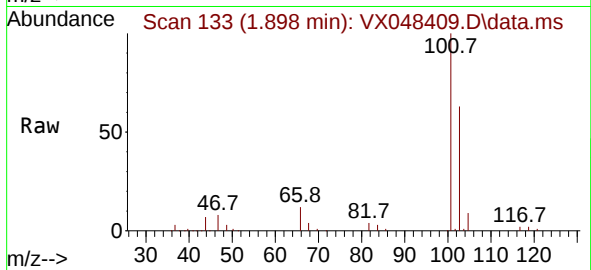
66 33.8 23.9 35.9





#7
 Trichlorofluoromethane
 Concen: 19.260 ug/l
 RT: 1.898 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX048409.D
 Acq: 29 Oct 2025 12:01

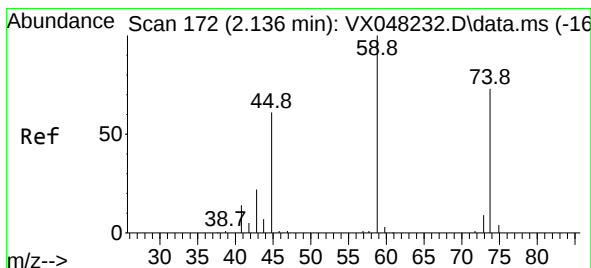
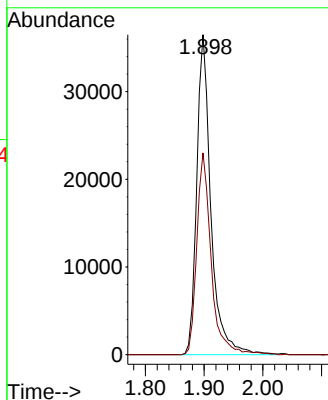
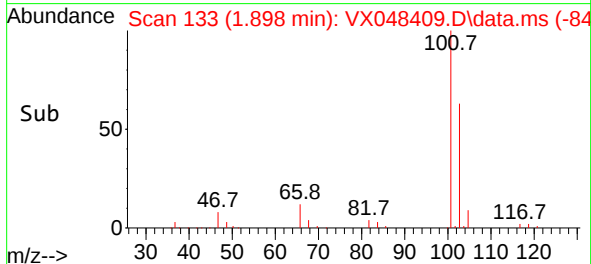
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC020



Tgt Ion:101 Resp: 61068
 Ion Ratio Lower Upper
 101 100
 103 63.1 51.6 77.4

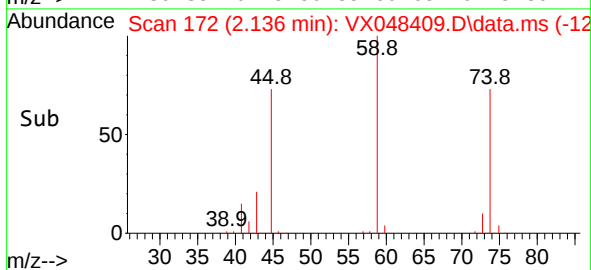
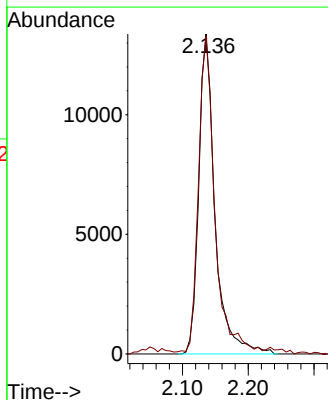
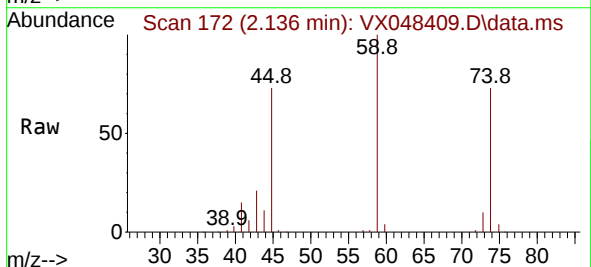
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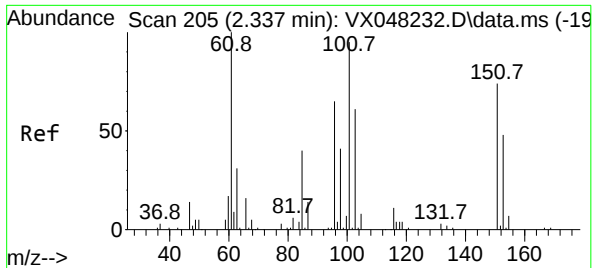
Reviewed By :Amit Patel 10/30/2025
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#8
 Diethyl Ether
 Concen: 19.976 ug/l
 RT: 2.136 min Scan# 172
 Delta R.T. 0.000 min
 Lab File: VX048409.D
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Tgt Ion: 74 Resp: 22891
 Ion Ratio Lower Upper
 74 100
 45 101.0 50.0 149.8





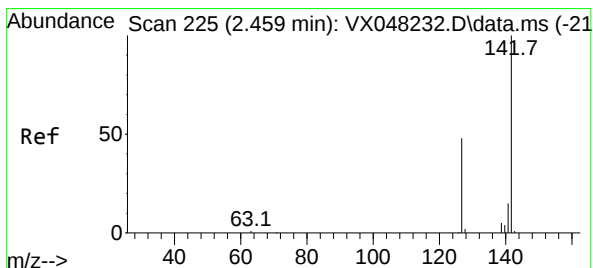
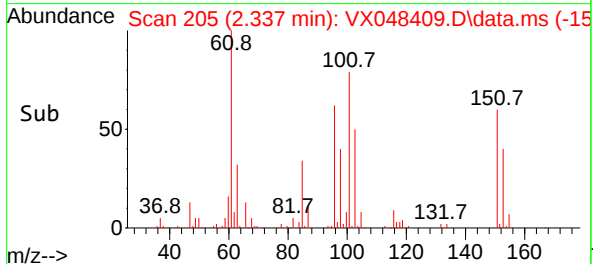
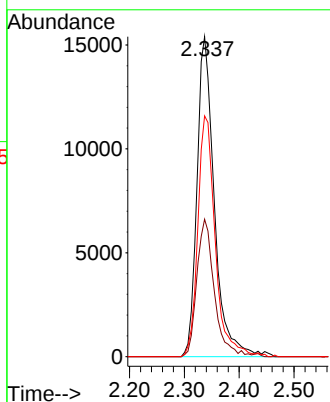
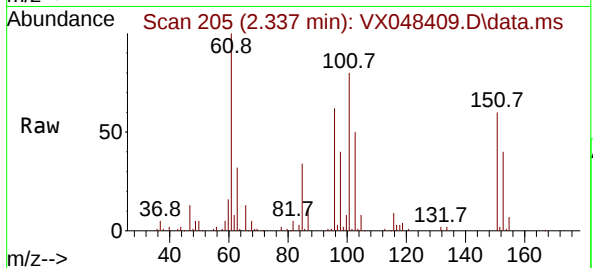
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.075 ug/l
RT: 2.337 min Scan# 205
Delta R.T. 0.000 min
Lab File: VX048409.D
Acq: 29 Oct 2025 12:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion:101 Resp: 34020
Ion Ratio Lower Upper
101 100
85 43.1 35.6 53.4
151 75.5 58.0 87.0

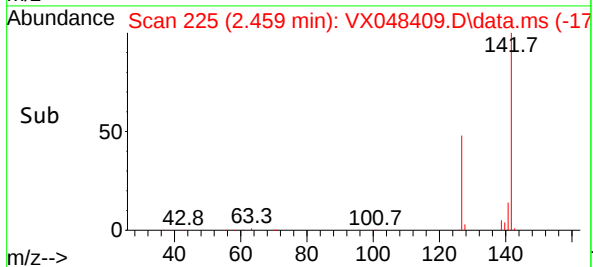
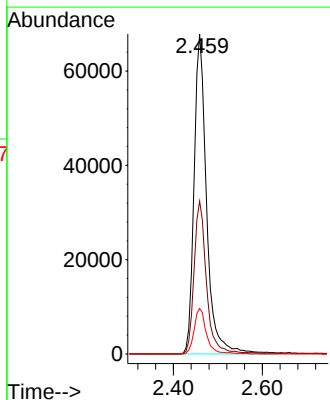
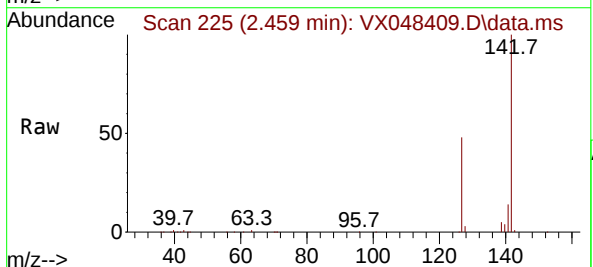
Manual Integrations
APPROVED

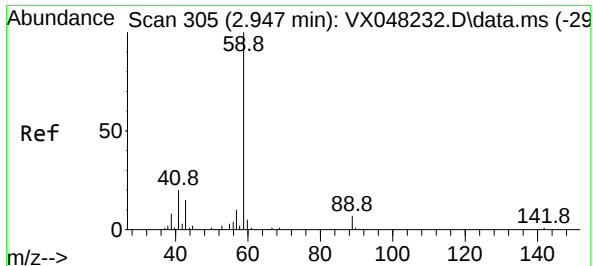
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025



#10
Methyl Iodide
Concen: 18.539 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.000 min
Lab File: VX048409.D
Acq: 29 Oct 2025 12:01

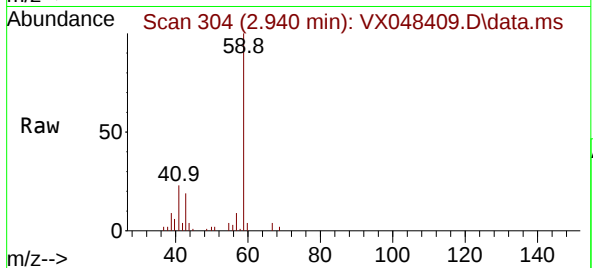
Tgt Ion:142 Resp: 132951
Ion Ratio Lower Upper
142 100
127 47.5 38.5 57.7
141 13.8 11.6 17.4





#11
Tert butyl alcohol
Concen: 97.643 ug/l
RT: 2.940 min Scan# 305
Delta R.T. 0.000 min
Lab File: VX048409.D
Acq: 29 Oct 2025 12:01

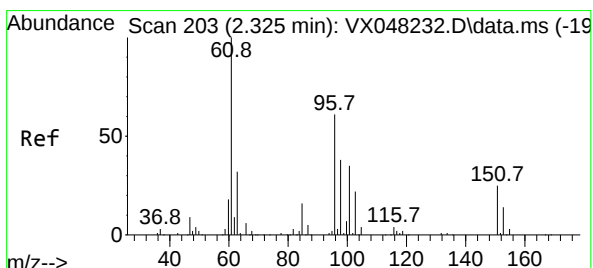
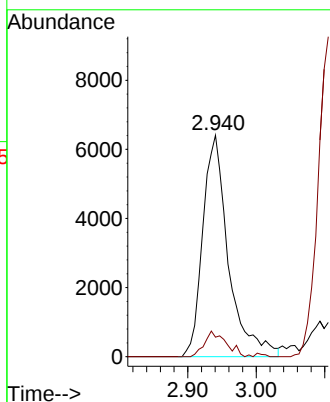
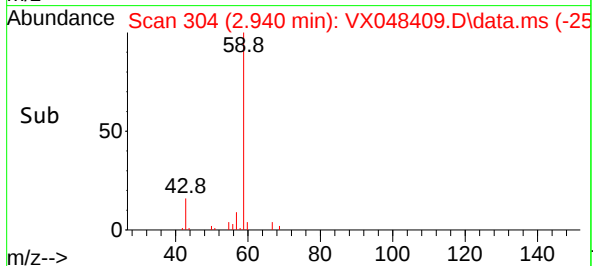
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



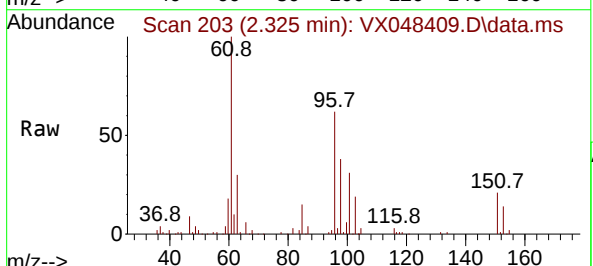
Tgt Ion: 59 Resp: 16744
Ion Ratio Lower Upper
59 100
57 9.6 8.2 12.4

Manual Integrations
APPROVED

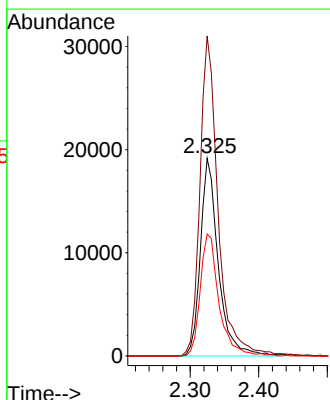
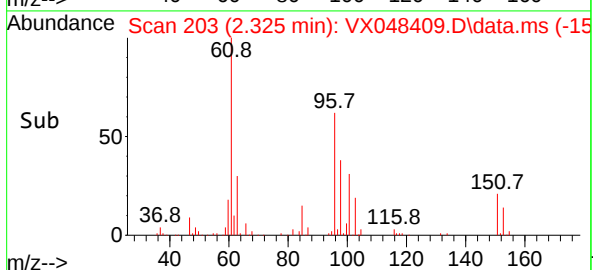
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025

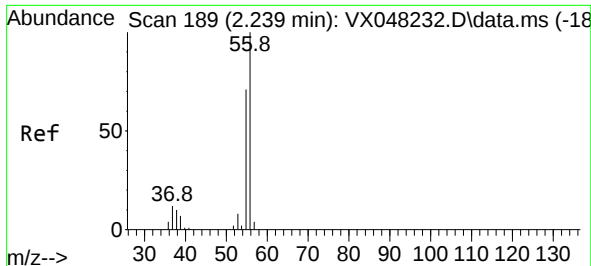


#12
1,1-Dichloroethene
Concen: 19.222 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.000 min
Lab File: VX048409.D
Acq: 29 Oct 2025 12:01



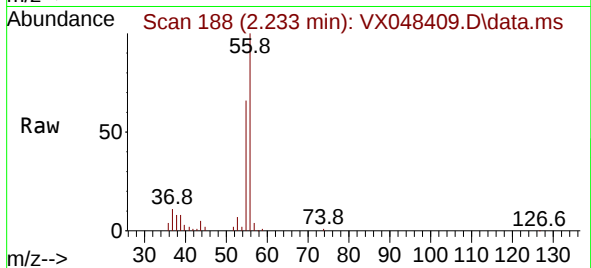
Tgt Ion: 96 Resp: 34822
Ion Ratio Lower Upper
96 100
61 161.9 139.0 208.6
98 61.7 52.4 78.6





#13
Acrolein
Concen: 96.966 ug/l
RT: 2.233 min Scan# 188
Delta R.T. 0.000 min
Lab File: VX048409.D
Acq: 29 Oct 2025 12:01

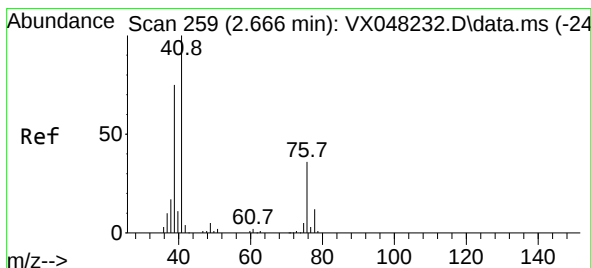
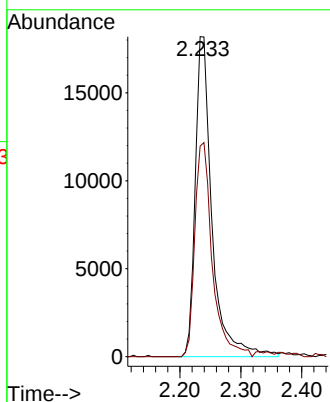
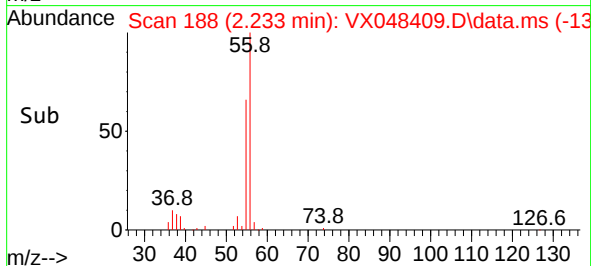
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



Tgt Ion: 56 Resp: 34708
Ion Ratio Lower Upper
56 100
55 69.7 56.1 84.1

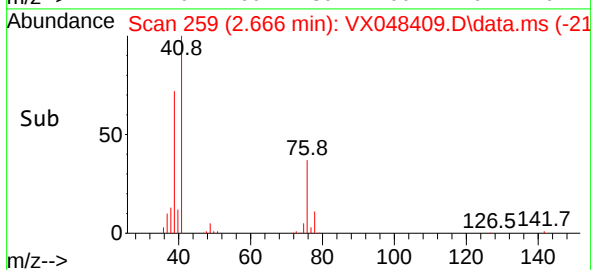
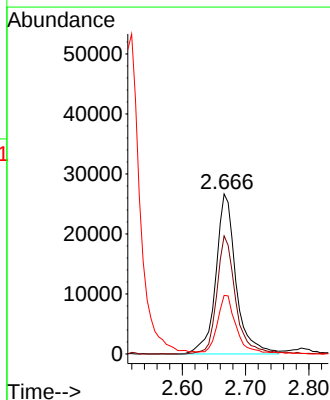
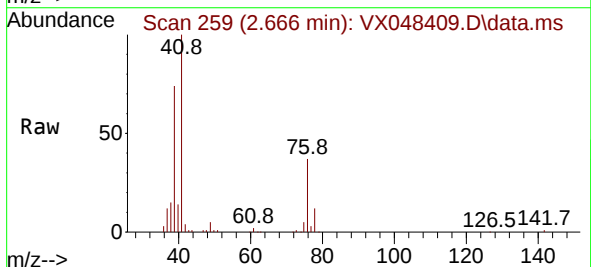
Manual Integrations
APPROVED

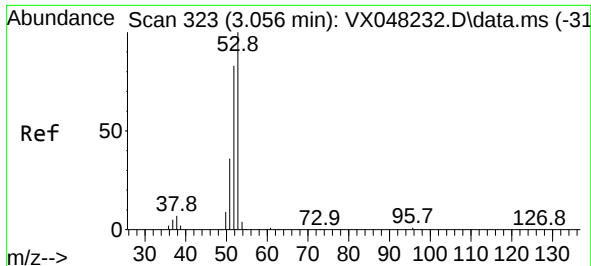
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025



#14
Allyl chloride
Concen: 19.196 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.000 min
Lab File: VX048409.D
Acq: 29 Oct 2025 12:01

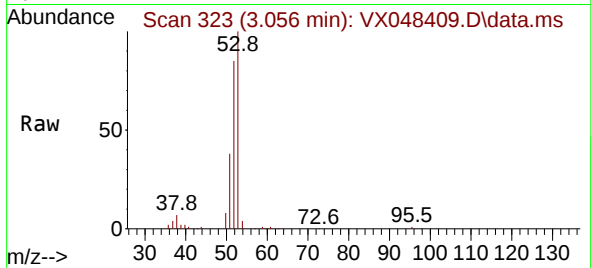
Tgt Ion: 41 Resp: 58890
Ion Ratio Lower Upper
41 100
39 69.2 56.0 84.0
76 35.3 27.5 41.3





#15
Acrylonitrile
Concen: 96.103 ug/l
RT: 3.056 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX048409.D
Acq: 29 Oct 2025 12:01

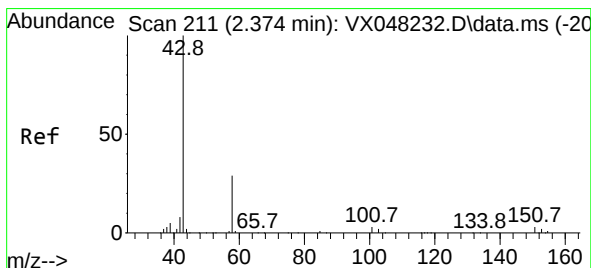
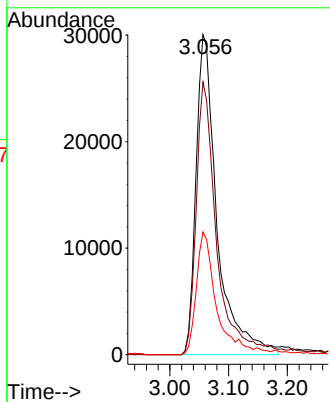
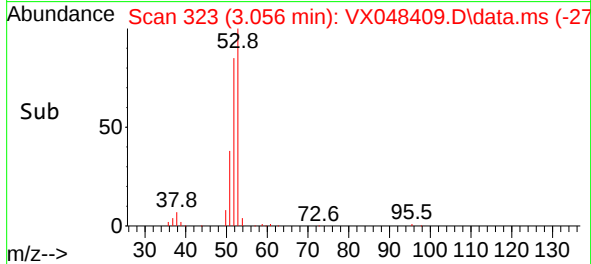
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



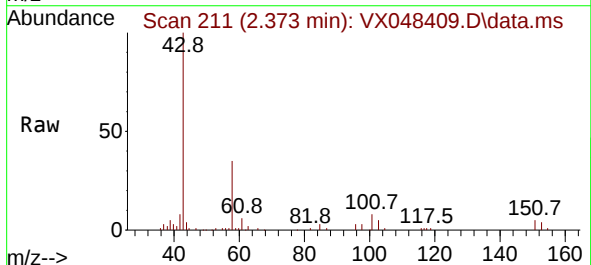
Tgt Ion: 53 Resp: 7497
Ion Ratio Lower Upper
53 100
52 82.6 66.1 99.1
51 37.0 29.0 43.4

Manual Integrations
APPROVED

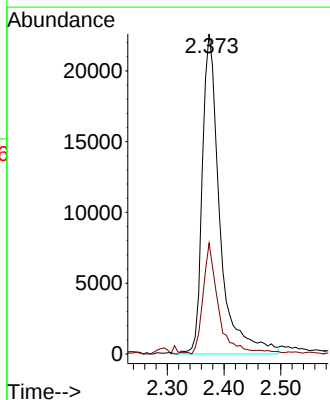
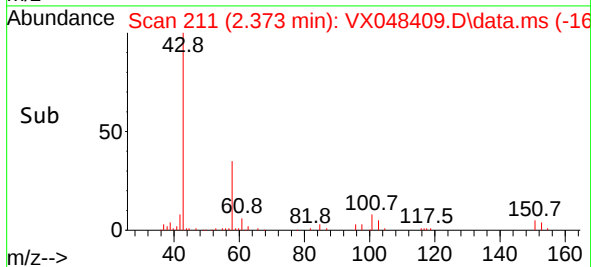
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025

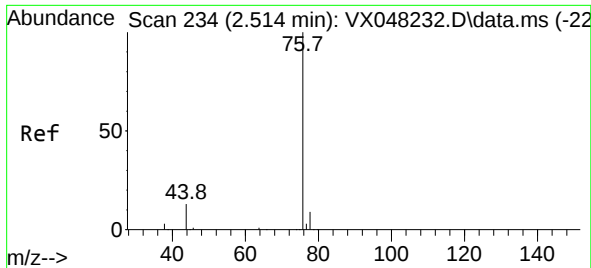


#16
Acetone
Concen: 95.953 ug/l
RT: 2.373 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX048409.D
Acq: 29 Oct 2025 12:01



Tgt Ion: 43 Resp: 48676
Ion Ratio Lower Upper
43 100
58 34.5 23.4 35.2





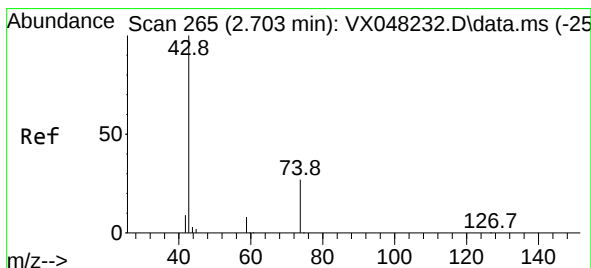
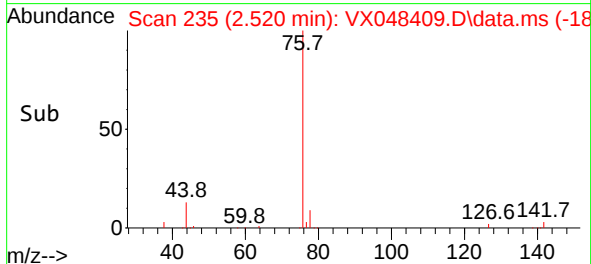
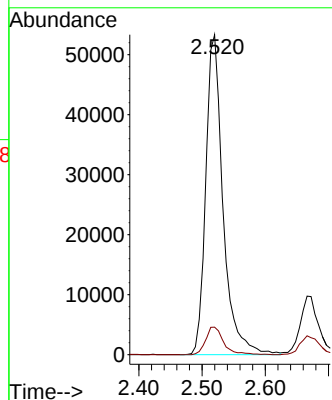
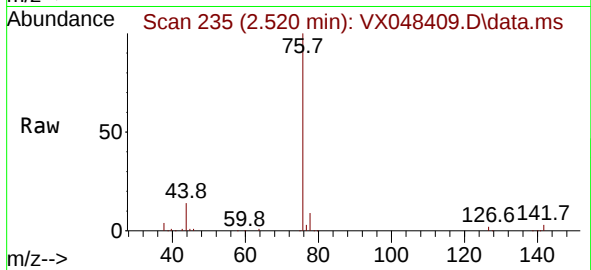
#17
Carbon Disulfide
Concen: 19.519 ug/l
RT: 2.520 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX048409.D
Acq: 29 Oct 2025 12:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 76 Resp: 10138
Ion Ratio Lower Upper
76 100
78 8.6 7.1 10.7

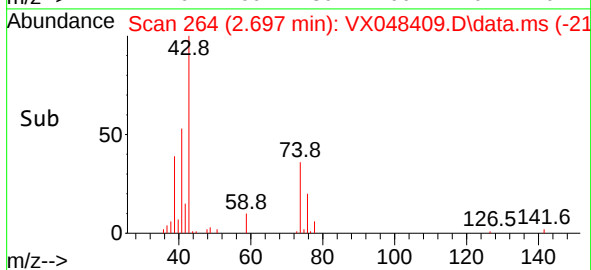
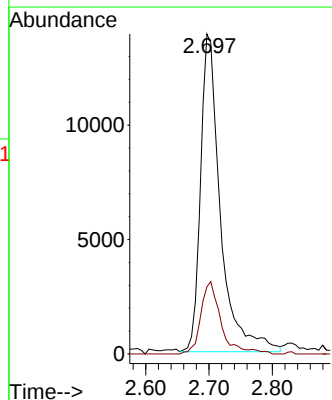
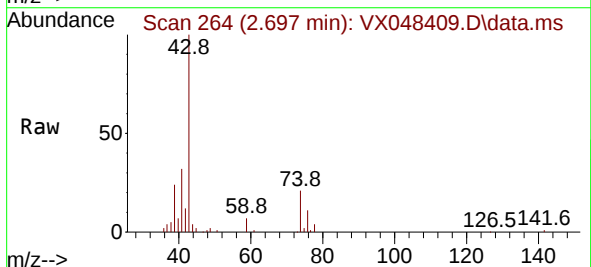
Manual Integrations
APPROVED

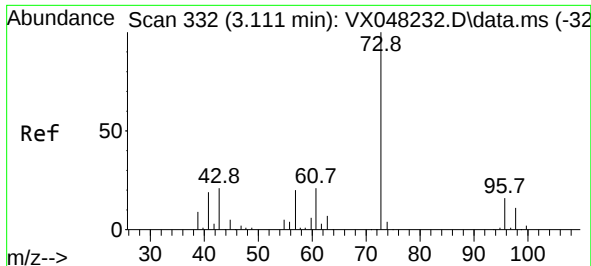
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025



#18
Methyl Acetate
Concen: 17.914 ug/l
RT: 2.697 min Scan# 264
Delta R.T. 0.000 min
Lab File: VX048409.D
Acq: 29 Oct 2025 12:01

Tgt Ion: 43 Resp: 30394
Ion Ratio Lower Upper
43 100
74 23.2 17.5 26.3





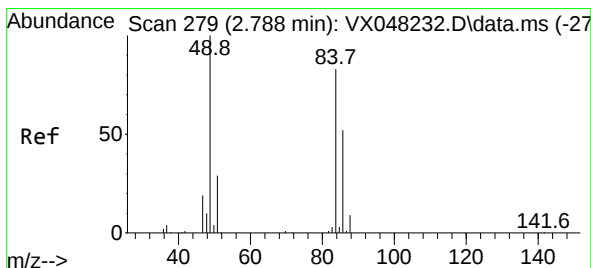
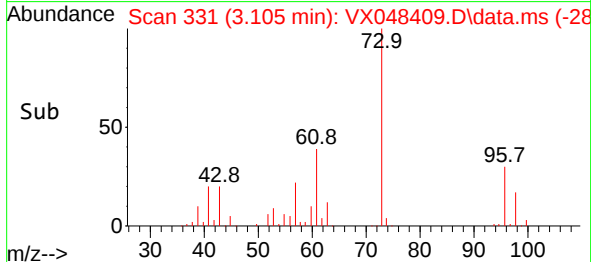
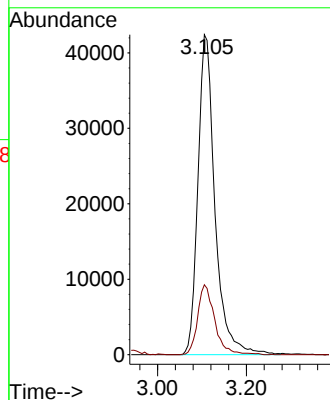
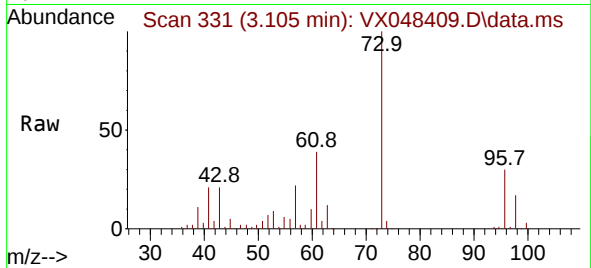
#19
Methyl tert-butyl Ether
Concen: 19.478 ug/l
RT: 3.105 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX048409.D
Acq: 29 Oct 2025 12:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 73 Resp: 112995
Ion Ratio Lower Upper
73 100
57 21.8 17.7 26.5

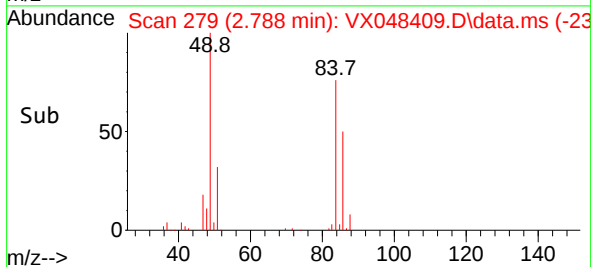
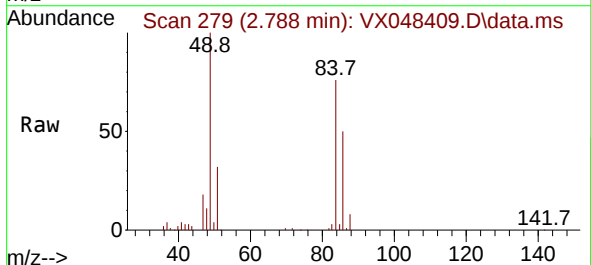
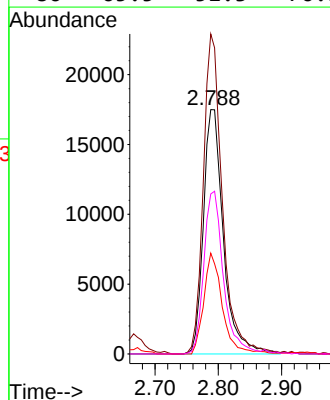
Manual Integrations
APPROVED

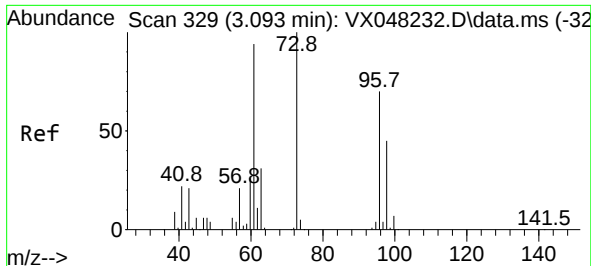
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025



#20
Methylene Chloride
Concen: 19.718 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX048409.D
Acq: 29 Oct 2025 12:01

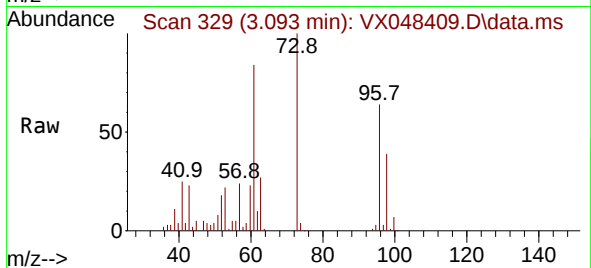
Tgt Ion: 84 Resp: 38558
Ion Ratio Lower Upper
84 100
49 131.0 104.1 156.1
51 41.3 31.3 46.9
86 65.5 51.3 76.9





#21
trans-1,2-Dichloroethene
Concen: 19.733 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX048409.D
Acq: 29 Oct 2025 12:01

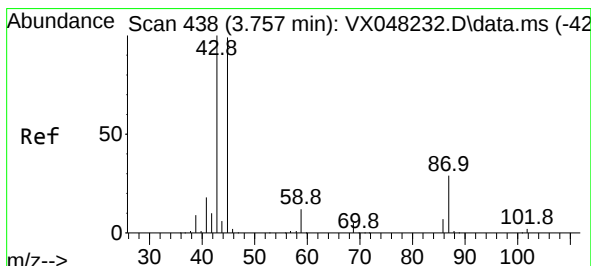
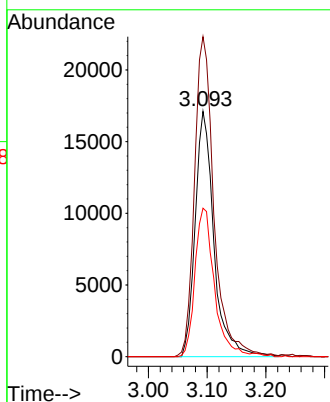
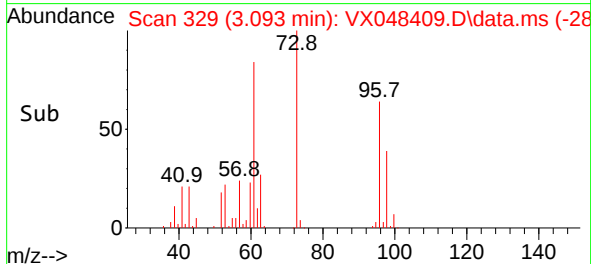
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



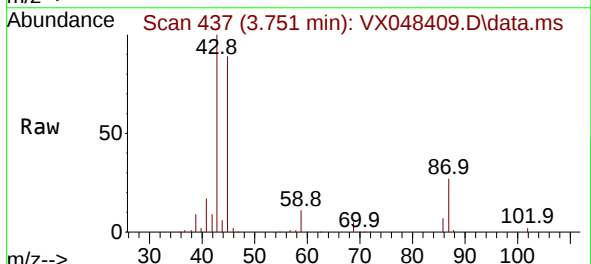
Tgt Ion: 96 Resp: 37969
Ion Ratio Lower Upper
96 100
61 129.9 111.9 167.9
98 60.5 51.2 76.8

Manual Integrations
APPROVED

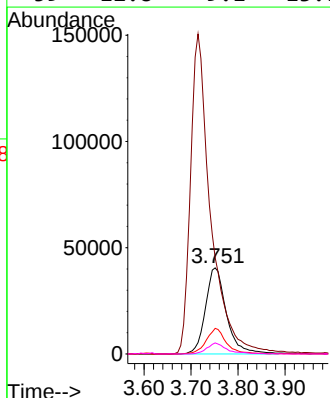
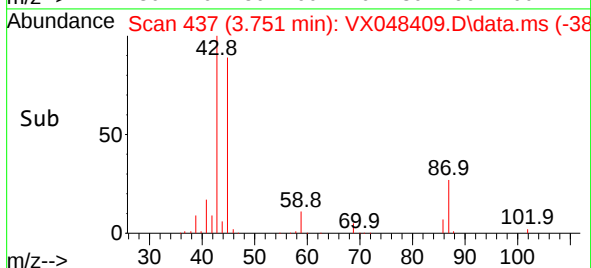
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025

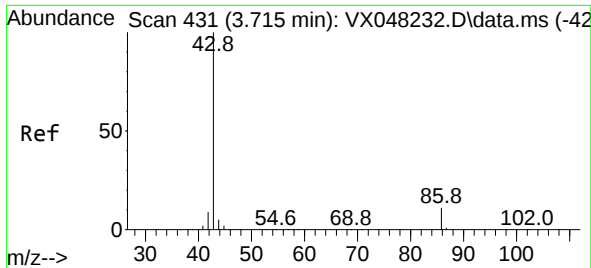


#22
Diisopropyl ether
Concen: 19.923 ug/l
RT: 3.751 min Scan# 437
Delta R.T. 0.000 min
Lab File: VX048409.D
Acq: 29 Oct 2025 12:01



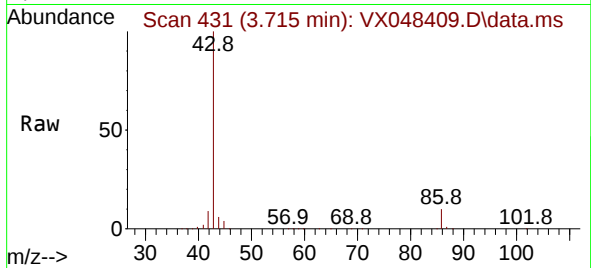
Tgt Ion: 45 Resp: 125099
Ion Ratio Lower Upper
45 100
43 109.9 89.8 134.8
87 29.7 20.6 31.0
59 12.8 9.1 13.7





#23
 Vinyl Acetate
 Concen: 106.067 ug/l
 RT: 3.715 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX048409.D
 Acq: 29 Oct 2025 12:01

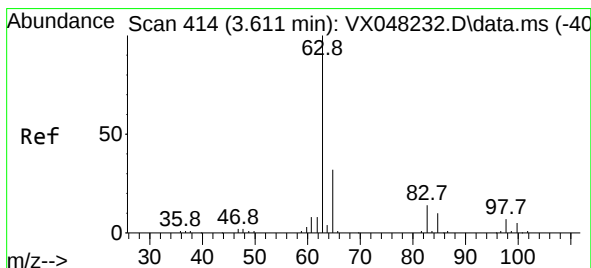
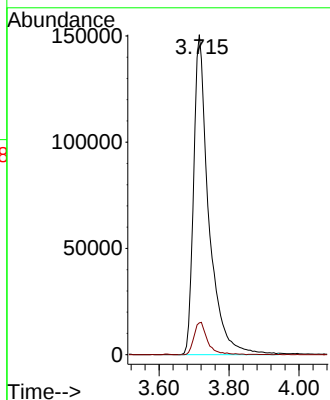
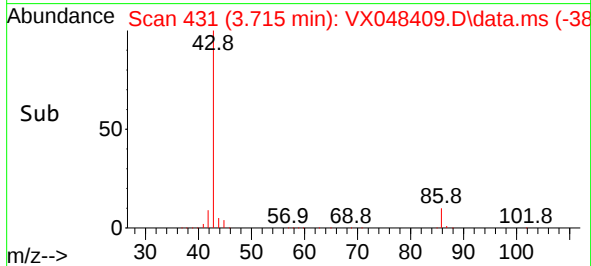
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC020



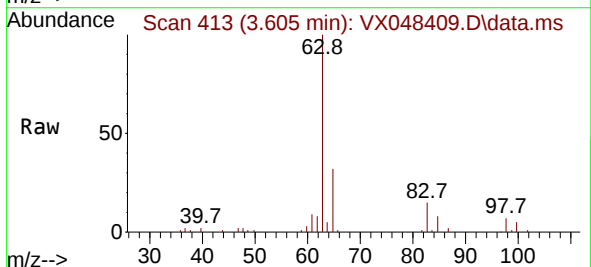
Tgt Ion: 43 Resp: 453379
 Ion Ratio Lower Upper
 43 100
 86 10.0 7.9 11.9

Manual Integrations
 APPROVED

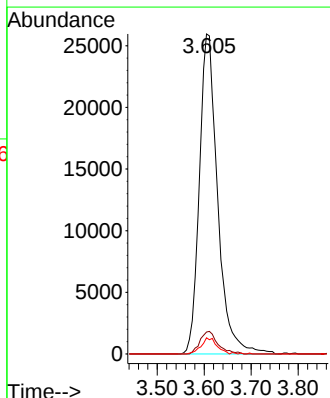
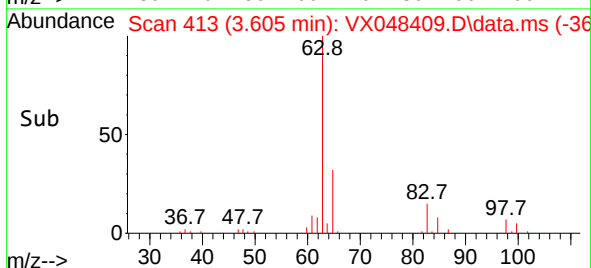
Reviewed By :Amit Patel 10/30/2025
 Supervised By :Mahesh Dadoda 10/30/2025

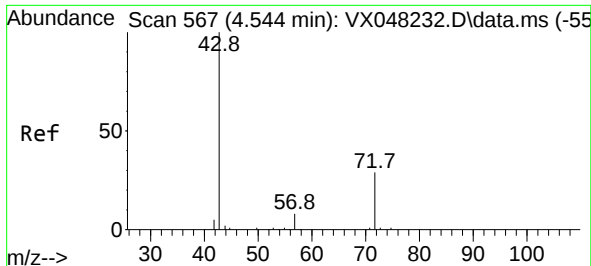


#24
 1,1-Dichloroethane
 Concen: 19.687 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VX048409.D
 Acq: 29 Oct 2025 12:01



Tgt Ion: 63 Resp: 70156
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.5 10.6
 100 5.0 2.1 6.3





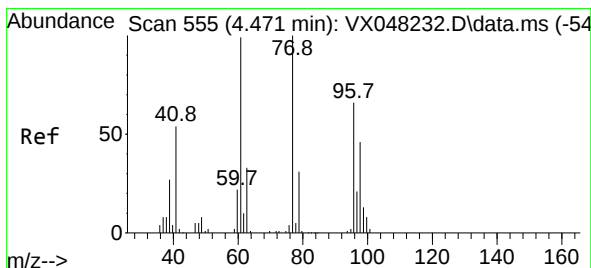
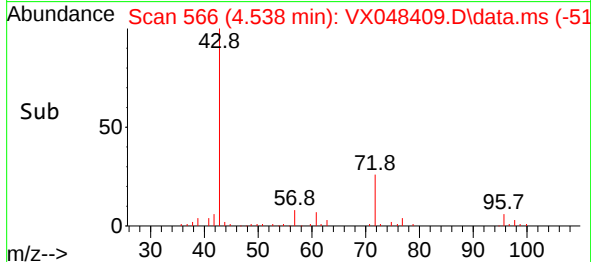
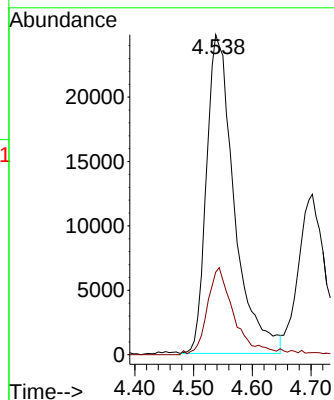
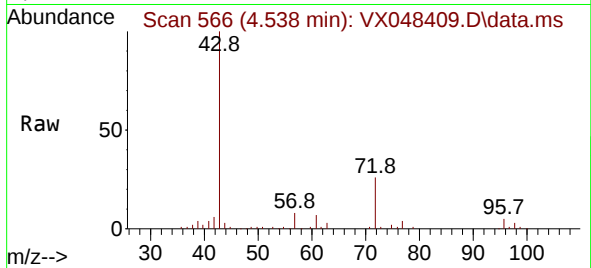
#25
2-Butanone
Concen: 100.249 ug/l
RT: 4.538 min Scan# 566
Delta R.T. 0.000 min
Lab File: VX048409.D
Acq: 29 Oct 2025 12:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 43 Resp: 8124
Ion Ratio Lower Upper
43 100
72 25.9 19.9 29.9

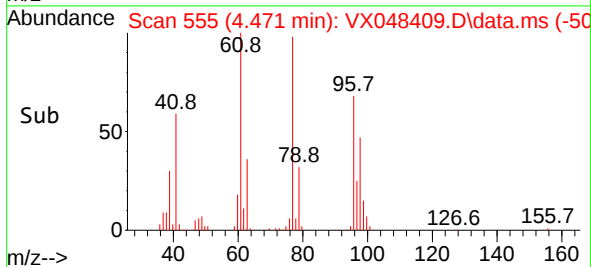
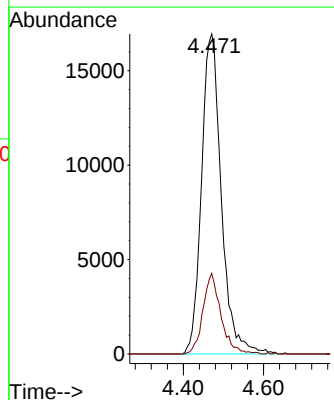
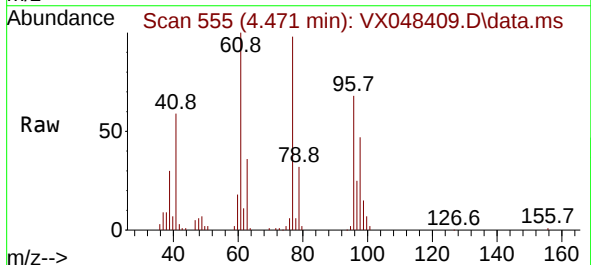
Manual Integrations
APPROVED

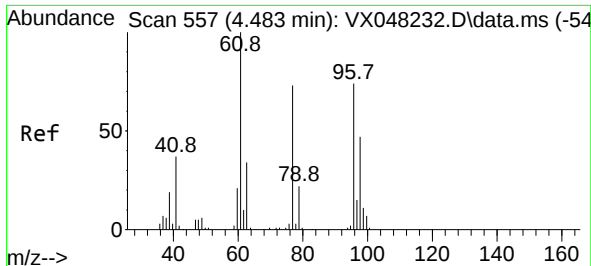
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025



#26
2,2-Dichloropropane
Concen: 18.962 ug/l
RT: 4.471 min Scan# 555
Delta R.T. 0.000 min
Lab File: VX048409.D
Acq: 29 Oct 2025 12:01

Tgt Ion: 77 Resp: 58181
Ion Ratio Lower Upper
77 100
97 22.9 11.1 33.3





#27

cis-1,2-Dichloroethene

Concen: 19.227 ug/l

RT: 4.483 min Scan# 557

Delta R.T. 0.006 min

Lab File: VX048409.D

Acq: 29 Oct 2025 12:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 96 Resp: 4415

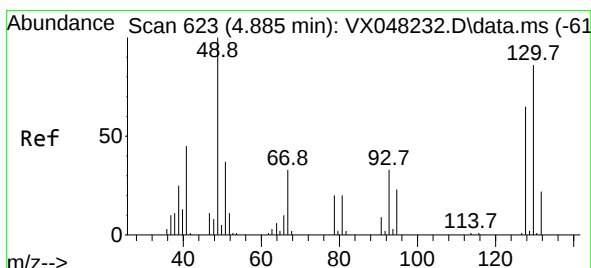
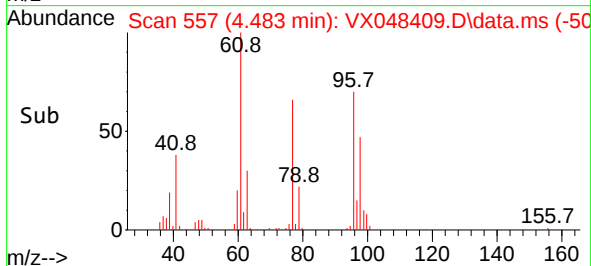
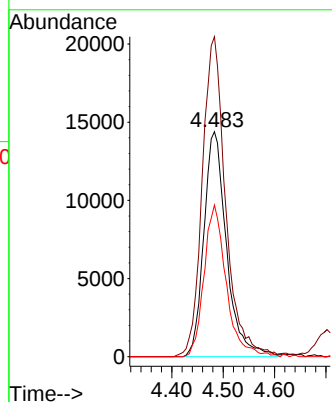
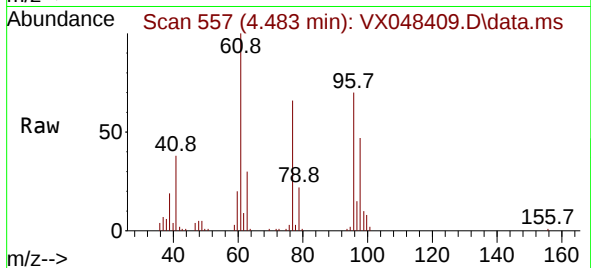
Ion	Ratio	Lower	Upper
96	100		
61	146.2	0.0	294.2
98	65.8	0.0	128.4

Manual Integrations

APPROVED

Reviewed By :Amit Patel 10/30/2025

Supervised By :Mahesh Dadoda 10/30/2025



#28

Bromochloromethane

Concen: 21.448 ug/l

RT: 4.891 min Scan# 624

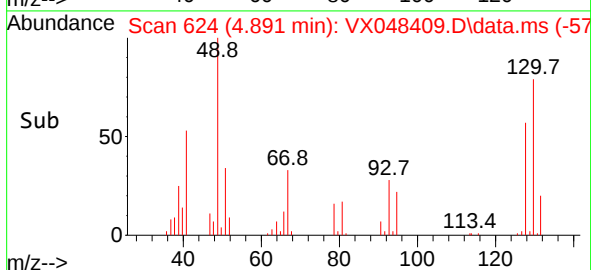
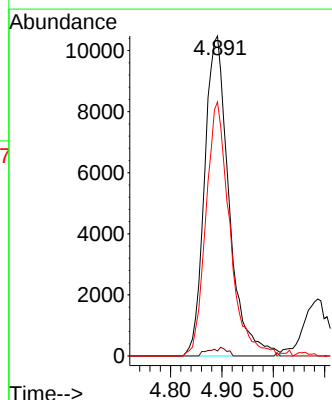
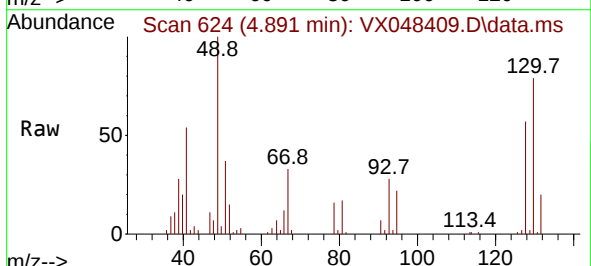
Delta R.T. 0.000 min

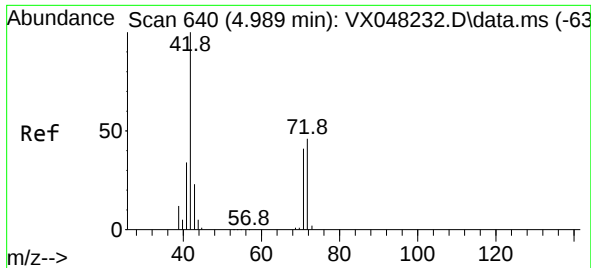
Lab File: VX048409.D

Acq: 29 Oct 2025 12:01

Tgt Ion: 49 Resp: 34639

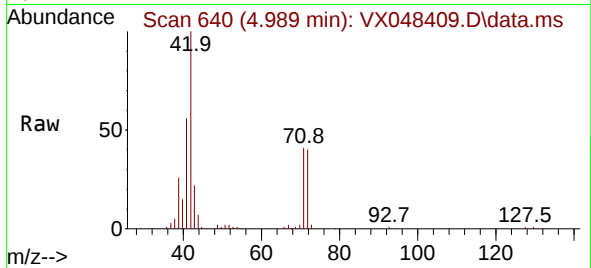
Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	4.4
130	77.6	59.3	88.9





#29
Tetrahydrofuran
Concen: 95.658 ug/l
RT: 4.989 min Scan# 640
Delta R.T. 0.000 min
Lab File: VX048409.D
Acq: 29 Oct 2025 12:01

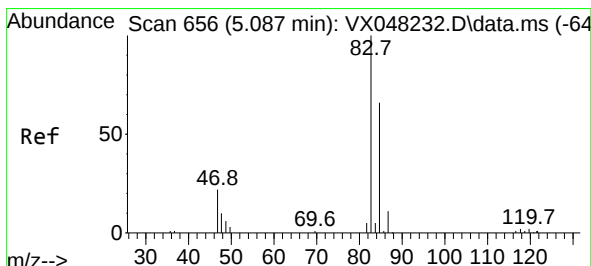
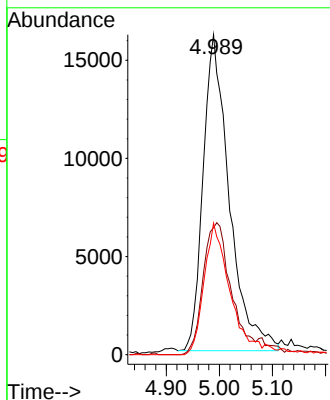
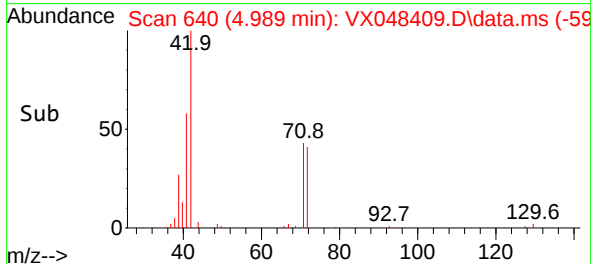
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



Tgt Ion: 42 Resp: 5520
Ion Ratio Lower Upper
42 100
72 44.4 35.3 52.9
71 41.8 32.2 48.4

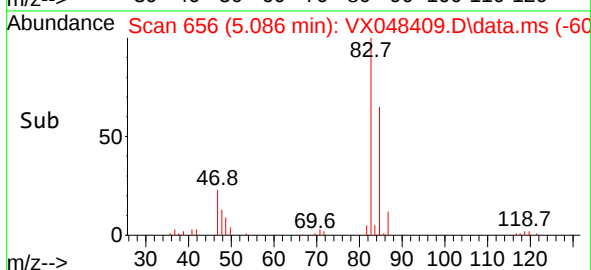
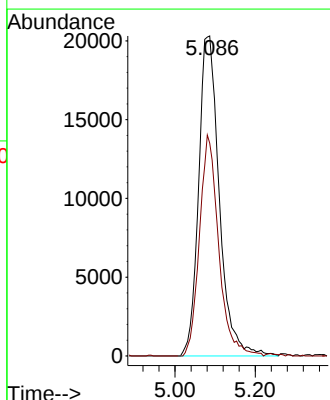
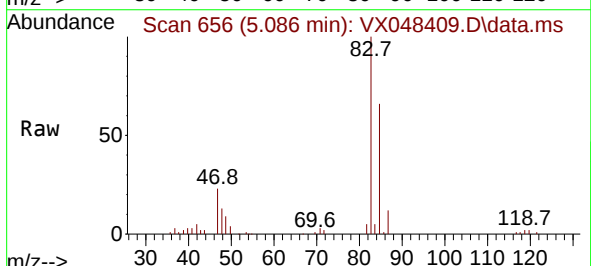
Manual Integrations
APPROVED

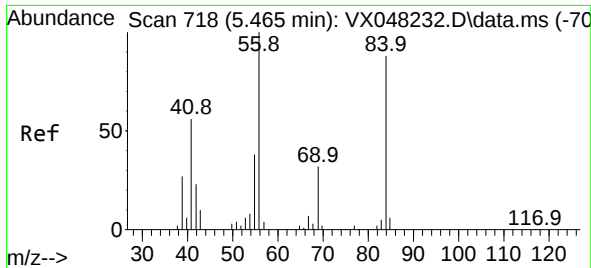
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025



#30
Chloroform
Concen: 19.821 ug/l
RT: 5.086 min Scan# 656
Delta R.T. 0.006 min
Lab File: VX048409.D
Acq: 29 Oct 2025 12:01

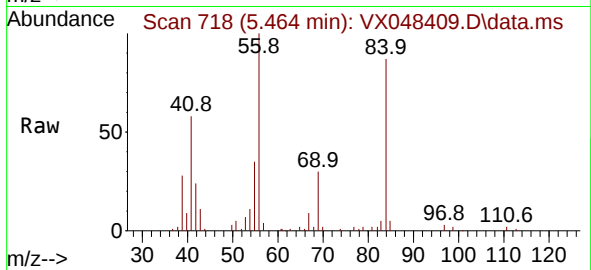
Tgt Ion: 83 Resp: 72660
Ion Ratio Lower Upper
83 100
85 63.5 50.1 75.1





#31
Cyclohexane
Concen: 19.483 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.000 min
Lab File: VX048409.D
Acq: 29 Oct 2025 12:01

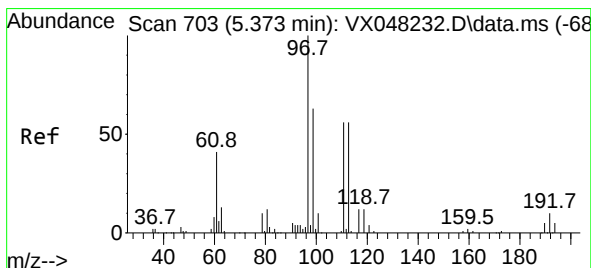
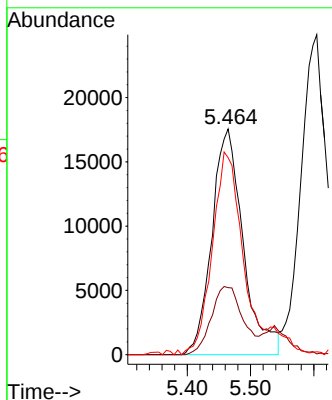
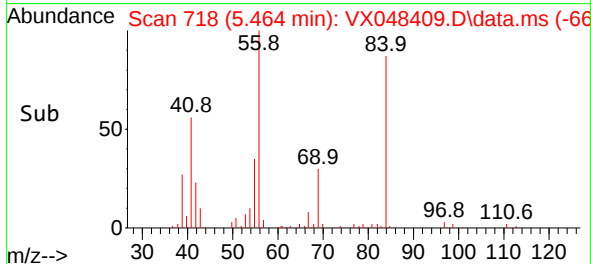
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



Tgt Ion: 56 Resp: 60260
Ion Ratio Lower Upper
56 100
69 29.3 23.0 34.6
84 85.2 64.6 97.0

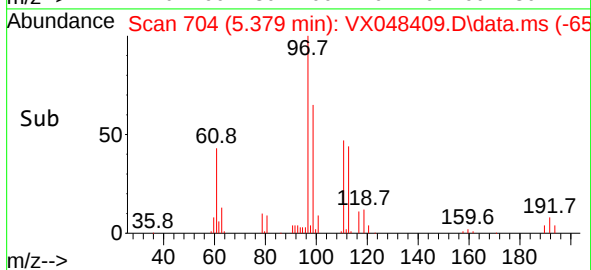
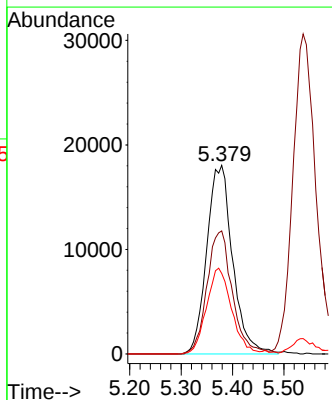
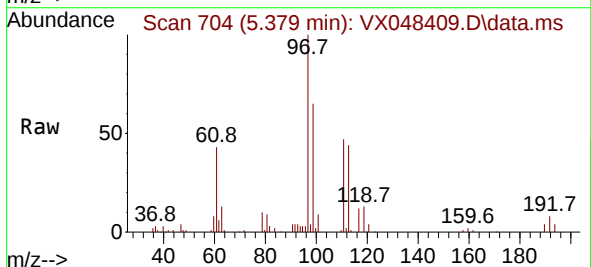
Manual Integrations
APPROVED

Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025



#32
1,1,1-Trichloroethane
Concen: 19.479 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX048409.D
Acq: 29 Oct 2025 12:01

Tgt Ion: 97 Resp: 63038
Ion Ratio Lower Upper
97 100
99 63.6 51.7 77.5
61 44.0 34.8 52.2





#33

1,2-Dichloroethane-d4

Concen: 19.170 ug/l

RT: 5.946 min Scan# 796

Delta R.T. 0.006 min

Lab File: VX048409.D

Acq: 29 Oct 2025 12:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion: 65 Resp: 4290

Ion Ratio Lower Upper

65 100

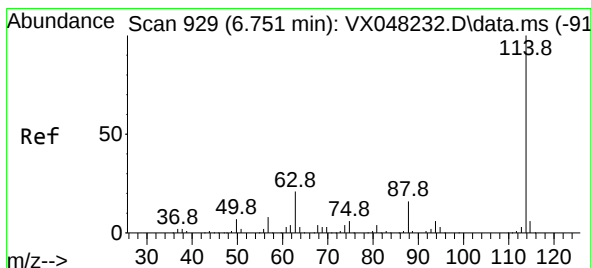
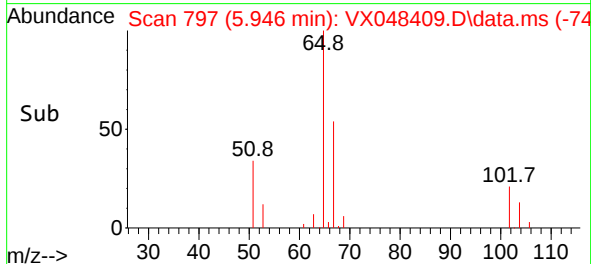
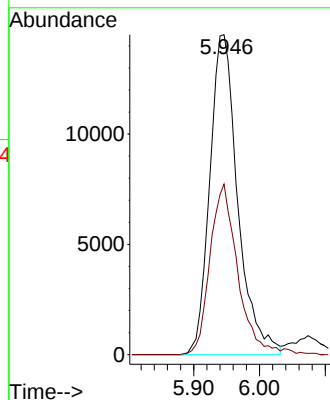
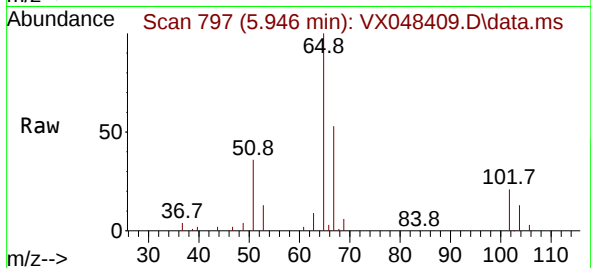
67 52.4 0.0 105.0

Manual Integrations

APPROVED

Reviewed By :Amit Patel 10/30/2025

Supervised By :Mahesh Dadoda 10/30/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.745 min Scan# 928

Delta R.T. 0.000 min

Lab File: VX048409.D

Acq: 29 Oct 2025 12:01

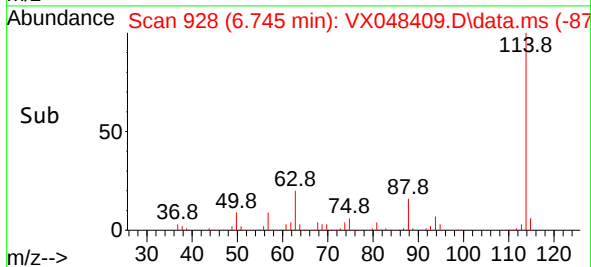
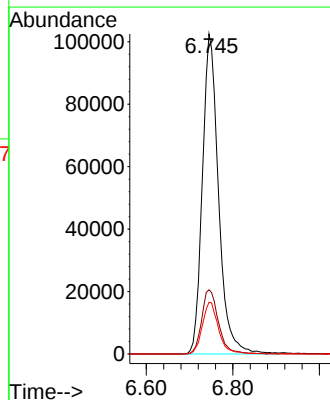
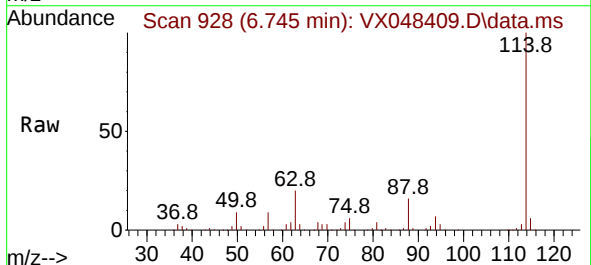
Tgt Ion:114 Resp: 265505

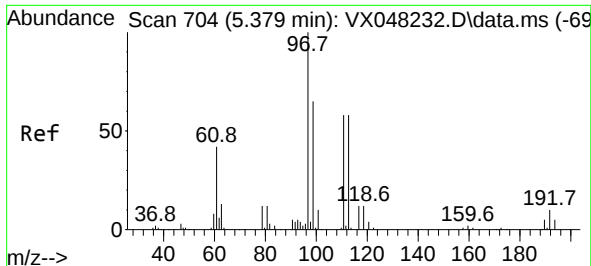
Ion Ratio Lower Upper

114 100

63 20.1 0.0 43.2

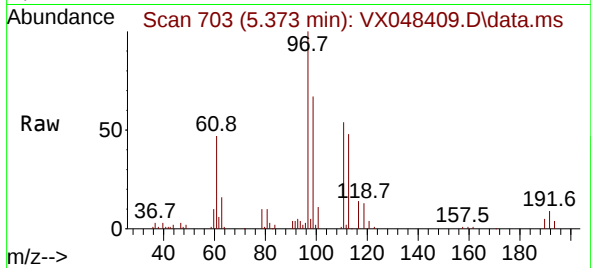
88 16.1 0.0 33.6





#35
Dibromofluoromethane
Concen: 18.229 ug/l
RT: 5.373 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX048409.D
Acq: 29 Oct 2025 12:01

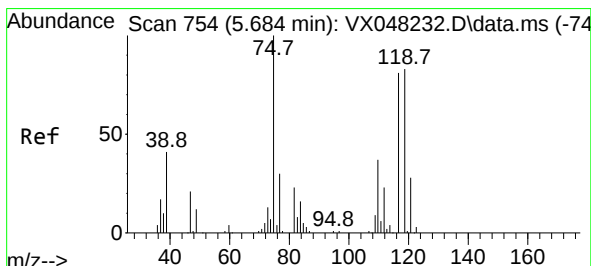
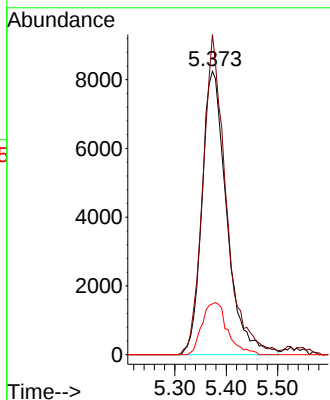
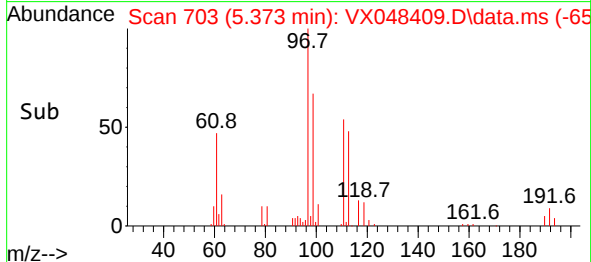
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



Tgt Ion:113 Resp: 27594
Ion Ratio Lower Upper
113 100
111 106.1 82.2 123.4
192 18.8 15.1 22.7

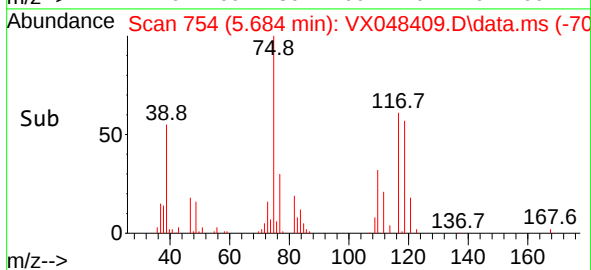
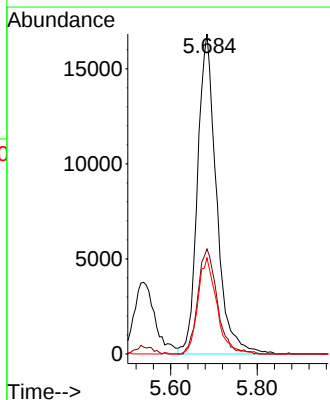
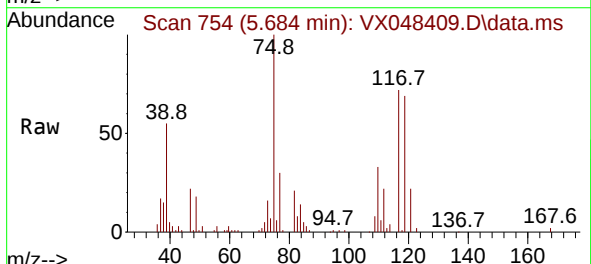
Manual Integrations
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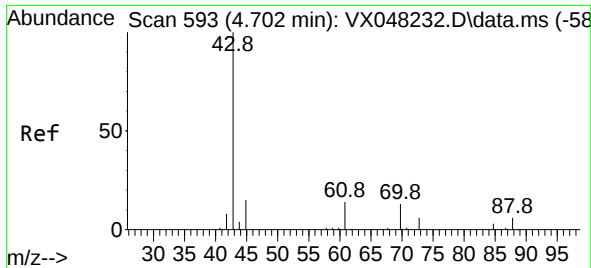
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025



#36
1,1-Dichloropropene
Concen: 20.082 ug/l
RT: 5.684 min Scan# 754
Delta R.T. 0.000 min
Lab File: VX048409.D
Acq: 29 Oct 2025 12:01

Tgt Ion: 75 Resp: 51050
Ion Ratio Lower Upper
75 100
110 33.7 17.7 53.1
77 29.9 24.3 36.5





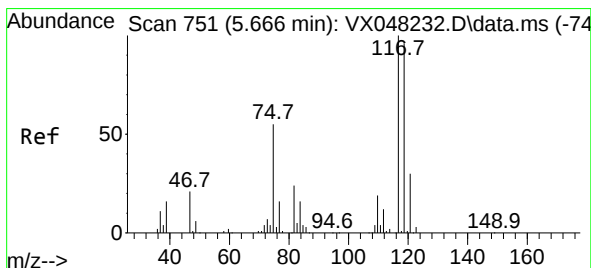
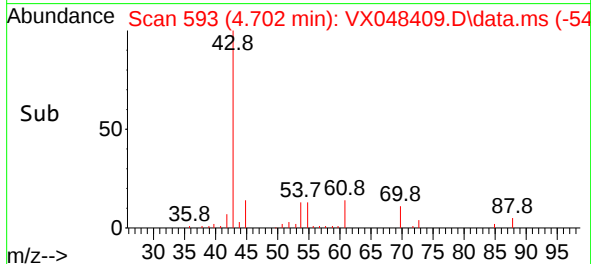
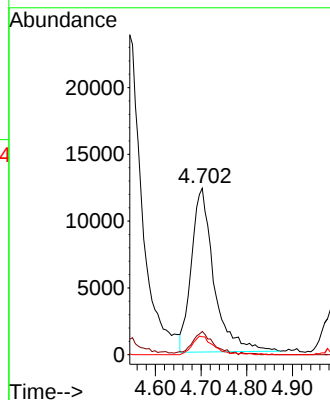
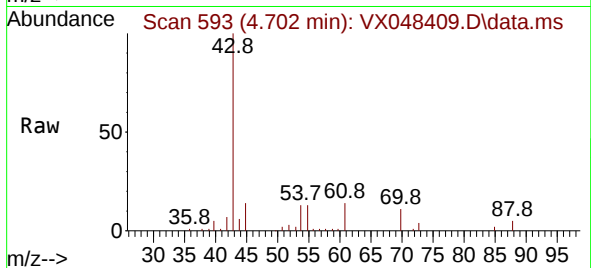
#37
Ethyl Acetate
Concen: 19.410 ug/l
RT: 4.702 min Scan# 593
Delta R.T. 0.006 min
Lab File: VX048409.D
Acq: 29 Oct 2025 12:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 43 Resp: 42038
Ion Ratio Lower Upper
43 100
61 13.4 10.6 15.8
70 10.3 7.8 11.6

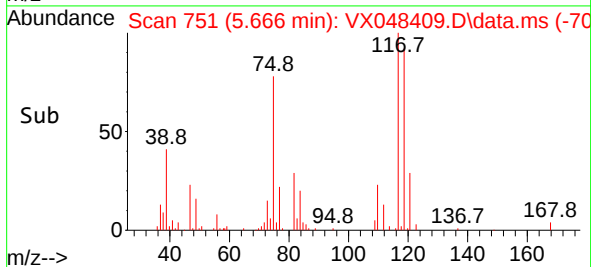
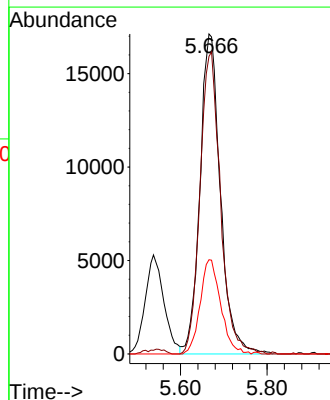
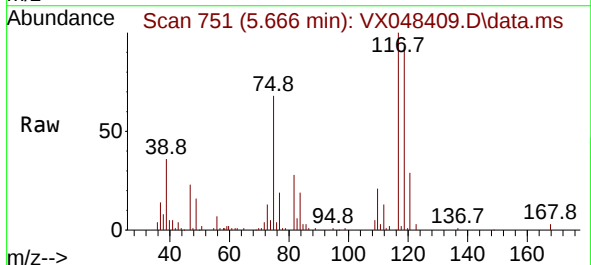
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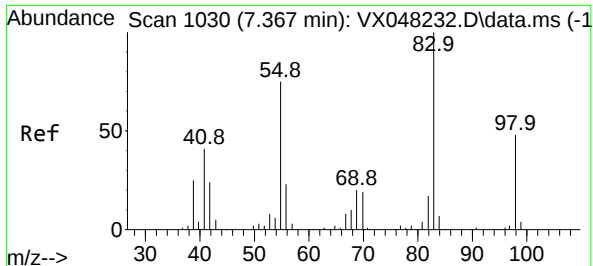
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025



#38
Carbon Tetrachloride
Concen: 19.094 ug/l
RT: 5.666 min Scan# 751
Delta R.T. 0.000 min
Lab File: VX048409.D
Acq: 29 Oct 2025 12:01

Tgt Ion:117 Resp: 56042
Ion Ratio Lower Upper
117 100
119 93.0 77.2 115.8
121 29.4 24.8 37.2





#39

Methylcyclohexane

Concen: 18.370 ug/l

RT: 7.366 min Scan# 1030

Delta R.T. 0.000 min

Lab File: VX048409.D

Acq: 29 Oct 2025 12:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 83 Resp: 60050

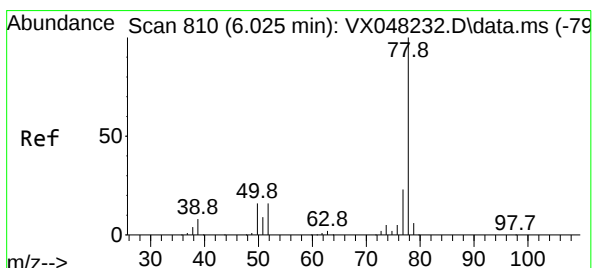
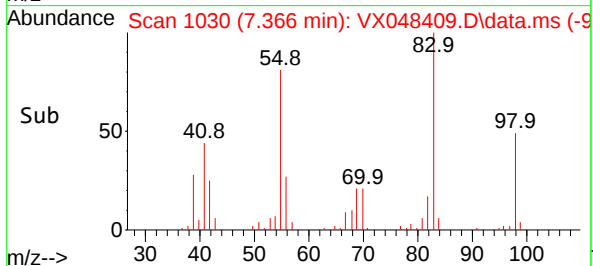
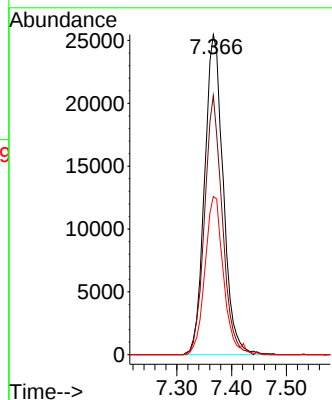
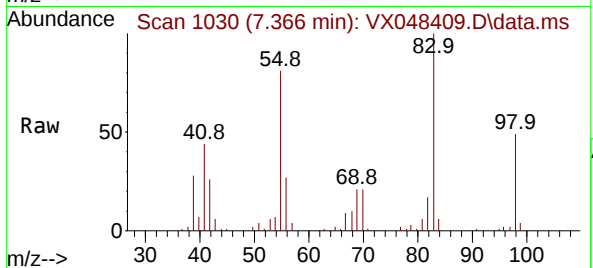
Ion	Ratio	Lower	Upper
83	100		
55	80.9	66.2	99.2
98	49.5	38.9	58.3

Manual Integrations

APPROVED

Reviewed By :Amit Patel 10/30/2025

Supervised By :Mahesh Dadoda 10/30/2025



#40

Benzene

Concen: 19.926 ug/l

RT: 6.031 min Scan# 811

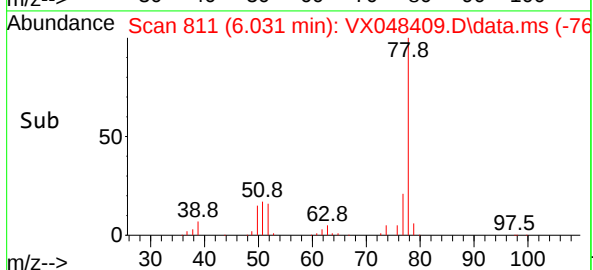
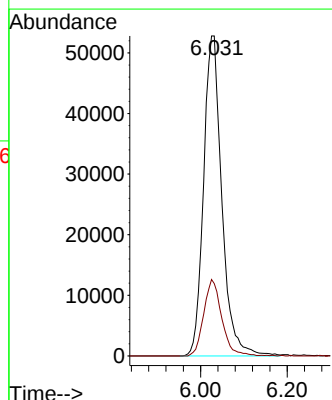
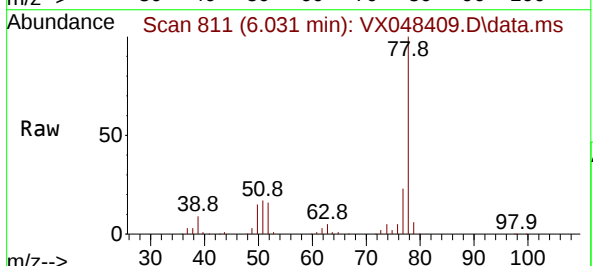
Delta R.T. 0.006 min

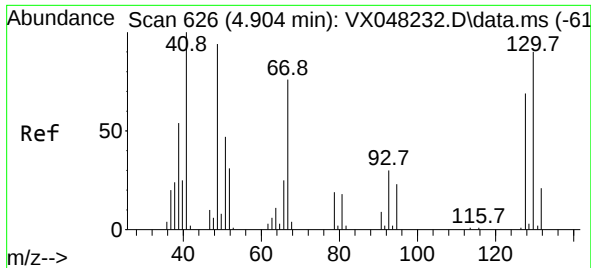
Lab File: VX048409.D

Acq: 29 Oct 2025 12:01

Tgt Ion: 78 Resp: 154747

Ion	Ratio	Lower	Upper
78	100		
77	22.6	19.3	28.9





#41
Methacrylonitrile
Concen: 19.952 ug/l
RT: 4.904 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX048409.D
Acq: 29 Oct 2025 12:01

Instrument :

MSVOA_X

ClientSampleId :

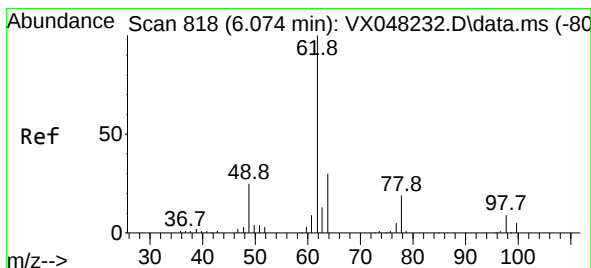
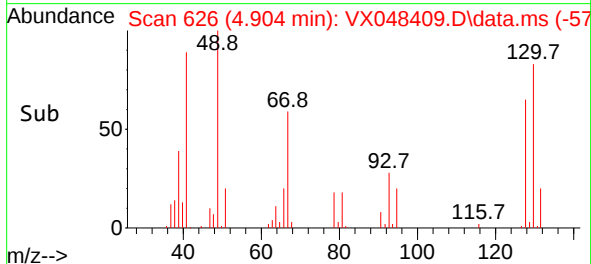
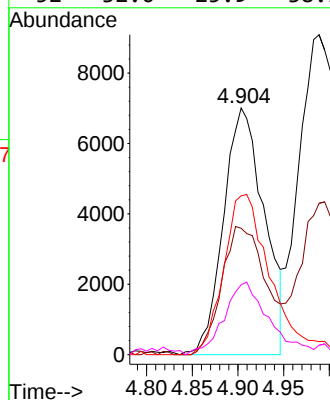
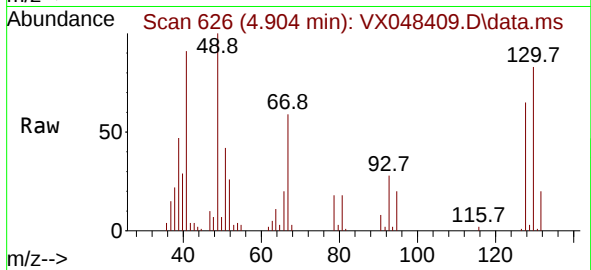
VSTDICC020

Tgt Ion: 41 Resp: 2176
Ion Ratio Lower Upper
41 100
39 55.6 44.0 66.0
67 74.7 58.7 88.1
52 32.0 25.9 38.9

Manual Integrations
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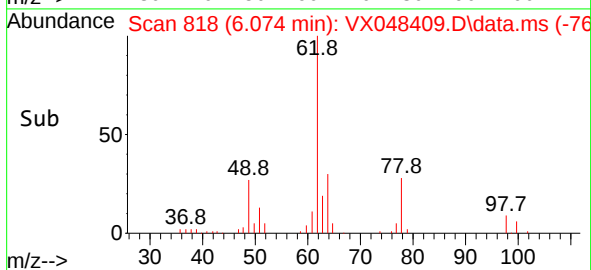
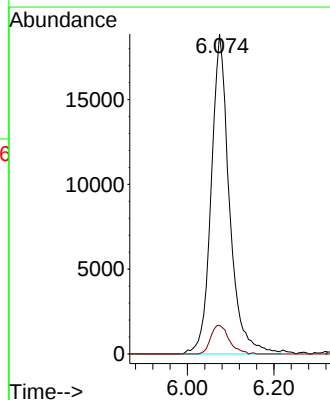
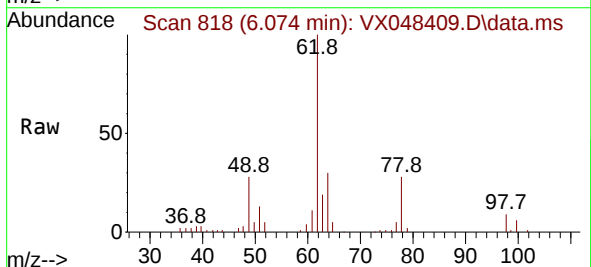
Reviewed By :Amit Patel 10/30/2025

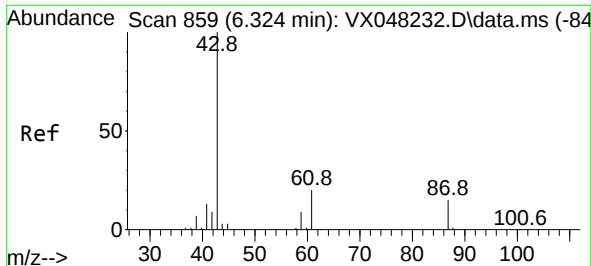
Supervised By :Mahesh Dadoda 10/30/2025



#42
1,2-Dichloroethane
Concen: 20.153 ug/l
RT: 6.074 min Scan# 818
Delta R.T. 0.000 min
Lab File: VX048409.D
Acq: 29 Oct 2025 12:01

Tgt Ion: 62 Resp: 55126
Ion Ratio Lower Upper
62 100
98 9.1 0.0 17.2





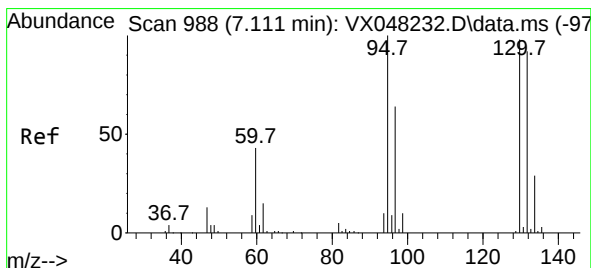
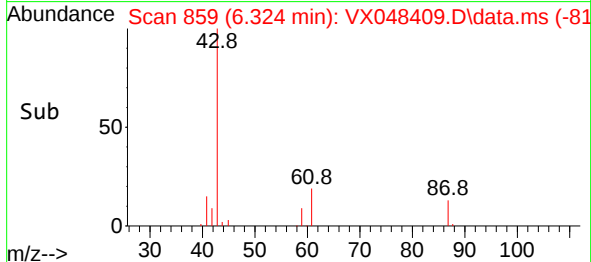
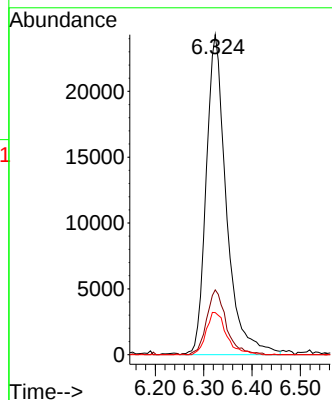
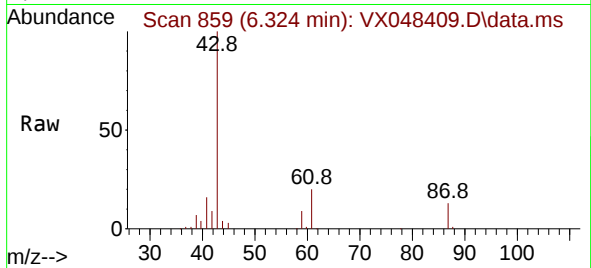
#43
Isopropyl Acetate
Concen: 19.711 ug/l
RT: 6.324 min Scan# 859
Delta R.T. 0.000 min
Lab File: VX048409.D
Acq: 29 Oct 2025 12:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 43 Resp: 70480
Ion Ratio Lower Upper
43 100
61 19.6 14.9 22.3
87 13.3 9.4 14.2

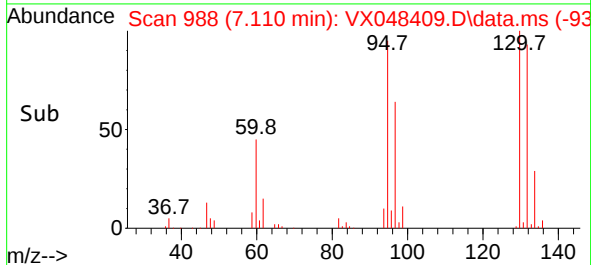
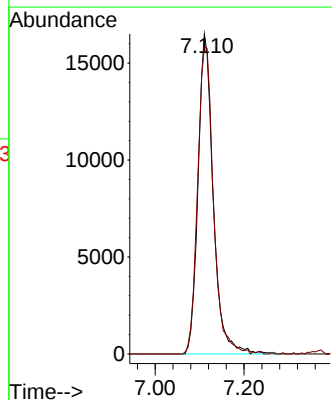
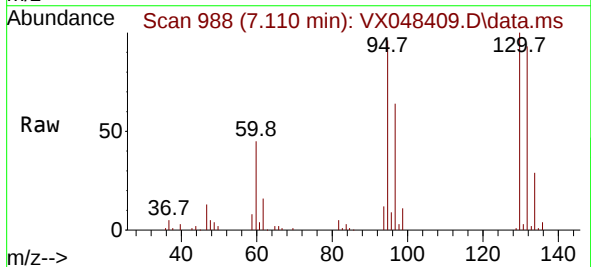
Manual Integrations
APPROVED

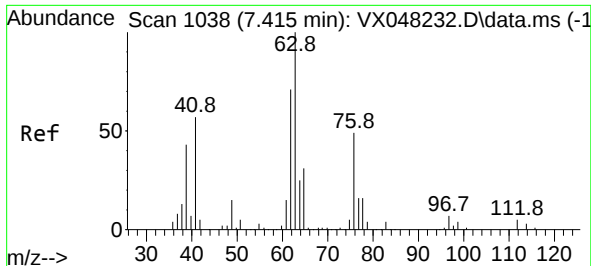
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025



#44
Trichloroethene
Concen: 19.230 ug/l
RT: 7.110 min Scan# 988
Delta R.T. 0.000 min
Lab File: VX048409.D
Acq: 29 Oct 2025 12:01

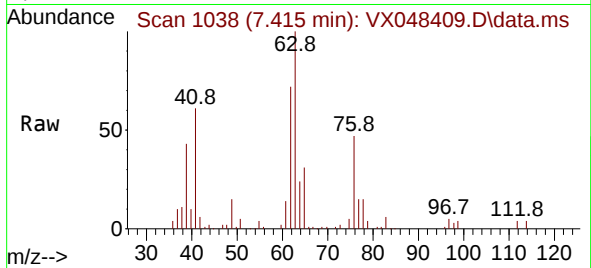
Tgt Ion:130 Resp: 39126
Ion Ratio Lower Upper
130 100
95 96.0 0.0 200.6





#45
1,2-Dichloropropane
Concen: 19.677 ug/l
RT: 7.415 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VX048409.D
Acq: 29 Oct 2025 12:01

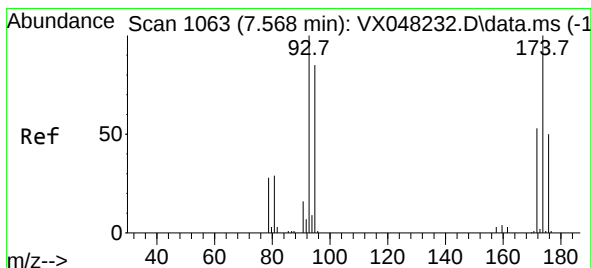
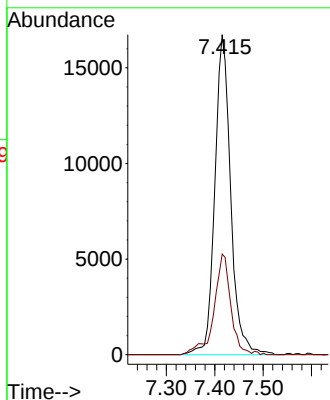
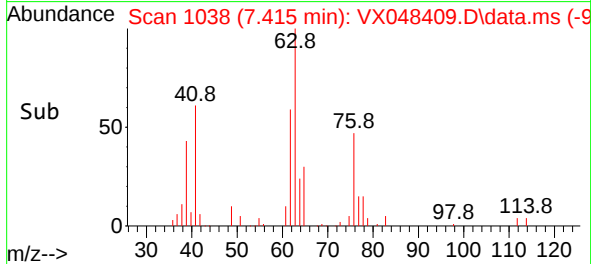
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



Tgt Ion: 63 Resp: 3816
Ion Ratio Lower Upper
63 100
65 31.4 24.1 36.1

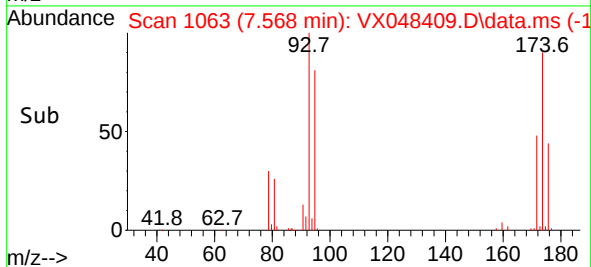
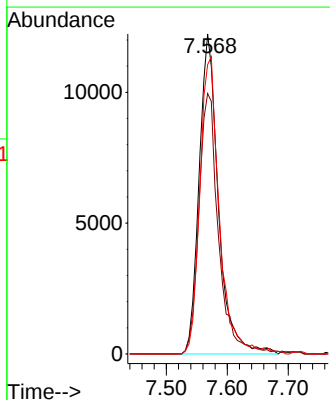
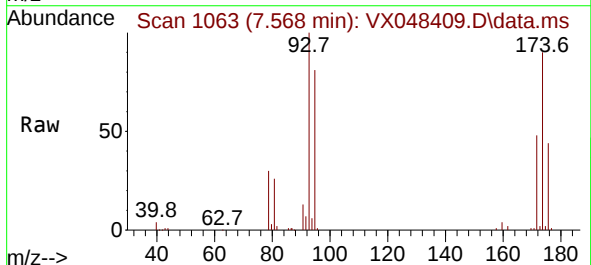
Manual Integrations
APPROVED

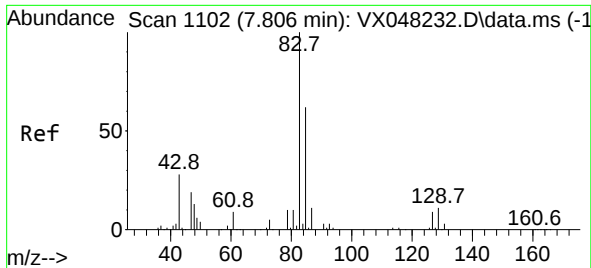
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025



#46
Dibromomethane
Concen: 19.745 ug/l
RT: 7.568 min Scan# 1063
Delta R.T. 0.000 min
Lab File: VX048409.D
Acq: 29 Oct 2025 12:01

Tgt Ion: 93 Resp: 26809
Ion Ratio Lower Upper
93 100
95 83.3 65.9 98.9
174 93.3 71.7 107.5





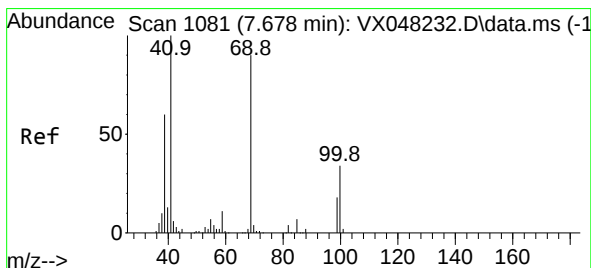
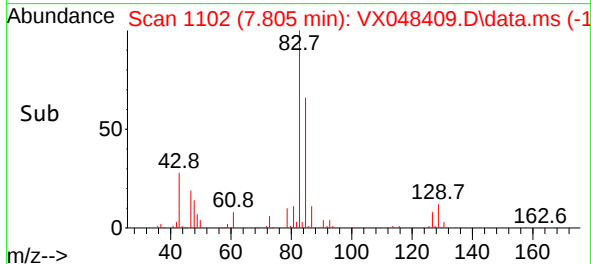
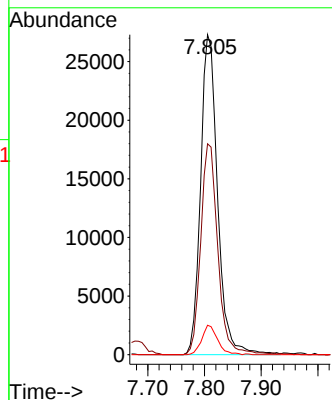
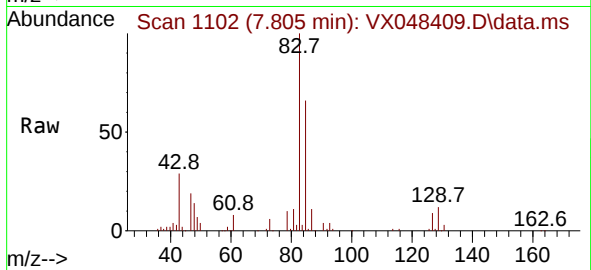
#47
Bromodichloromethane
Concen: 19.723 ug/l
RT: 7.805 min Scan# 1102
Delta R.T. 0.000 min
Lab File: VX048409.D
Acq: 29 Oct 2025 12:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 83 Resp: 5689
Ion Ratio Lower Upper
83 100
85 65.1 52.2 78.4
127 9.0 7.3 10.9

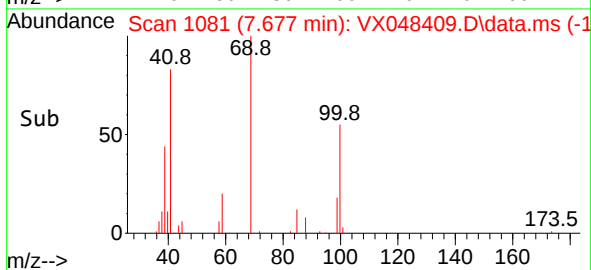
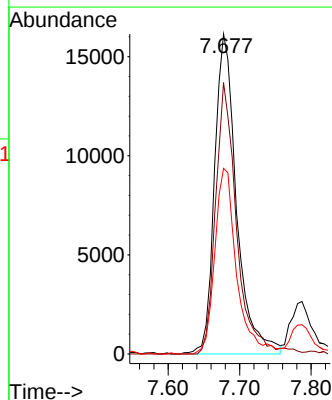
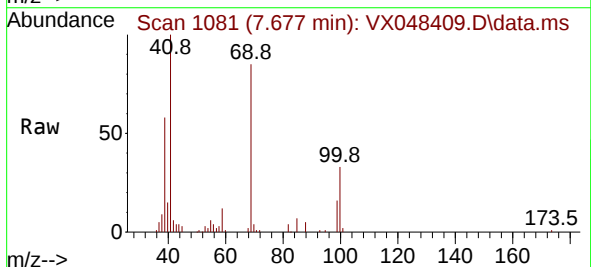
Manual Integrations
APPROVED

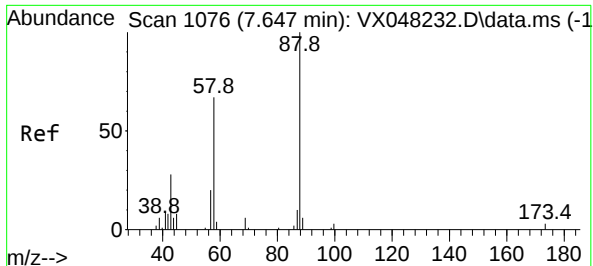
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025



#48
Methyl methacrylate
Concen: 19.812 ug/l
RT: 7.677 min Scan# 1081
Delta R.T. 0.000 min
Lab File: VX048409.D
Acq: 29 Oct 2025 12:01

Tgt Ion: 41 Resp: 34546
Ion Ratio Lower Upper
41 100
69 79.9 63.4 95.0
39 57.2 47.1 70.7





#49

1,4-Dioxane

Concen: 405.056 ug/l

RT: 7.641 min Scan# 1076

Delta R.T. 0.000 min

Lab File: VX048409.D

Acq: 29 Oct 2025 12:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

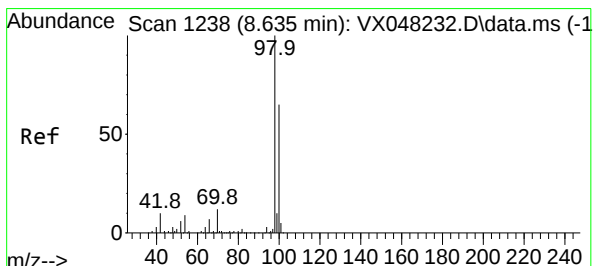
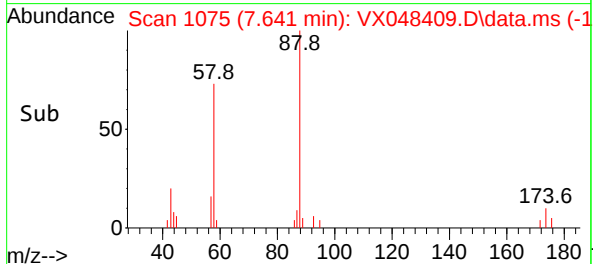
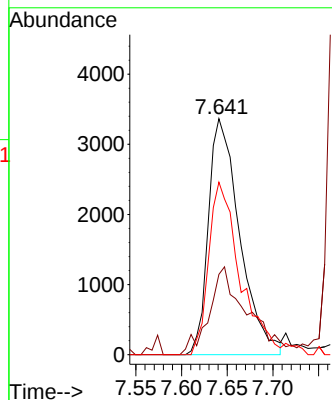
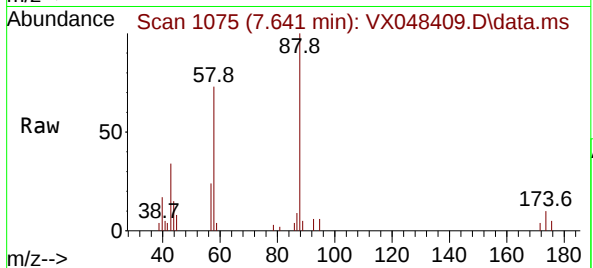
Tgt Ion: 88	Resp: 8028
Ion Ratio	Lower Upper
88 100	
43 45.7	35.0 52.4
58 72.9	61.9 92.9

Manual Integrations

APPROVED

Reviewed By :Amit Patel 10/30/2025

Supervised By :Mahesh Dadoda 10/30/2025



#50

Toluene-d8

Concen: 18.931 ug/l

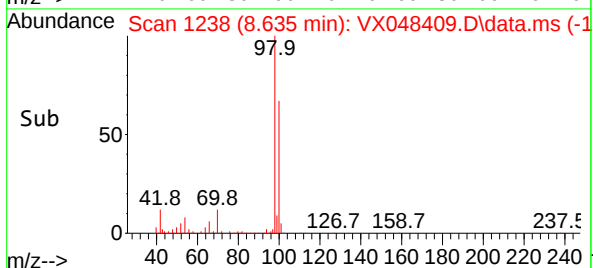
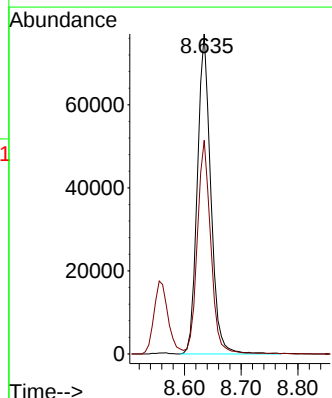
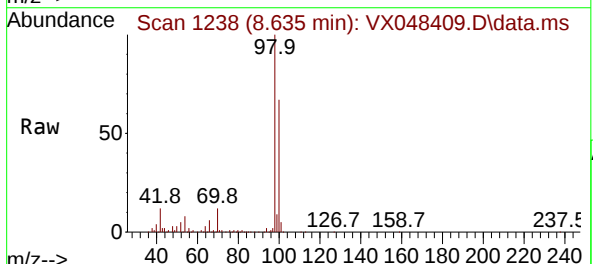
RT: 8.635 min Scan# 1238

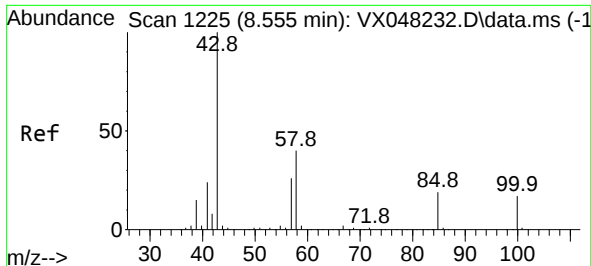
Delta R.T. 0.000 min

Lab File: VX048409.D

Acq: 29 Oct 2025 12:01

Tgt Ion: 98	Resp: 126497
Ion Ratio	Lower Upper
98 100	
100 66.4	53.0 79.4





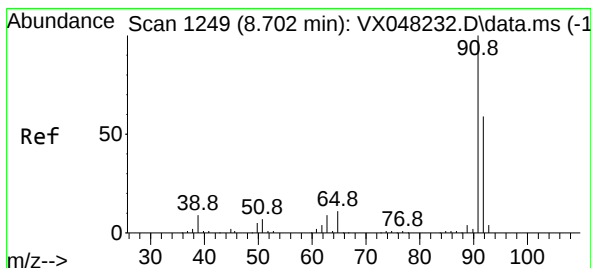
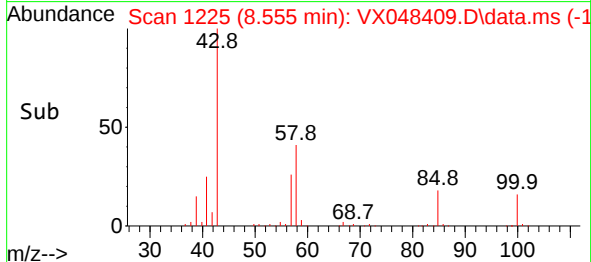
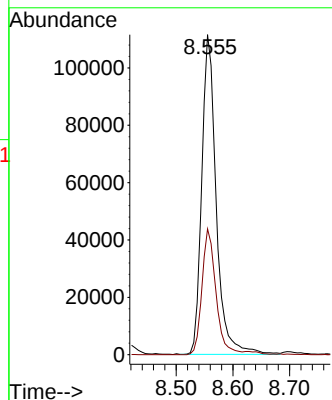
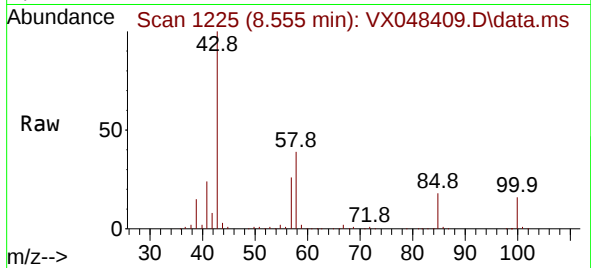
#51
4-Methyl-2-Pentanone
Concen: 99.558 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. 0.000 min
Lab File: VX048409.D
Acq: 29 Oct 2025 12:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 43 Resp: 19811
Ion Ratio Lower Upper
43 100
58 37.8 29.5 44.3

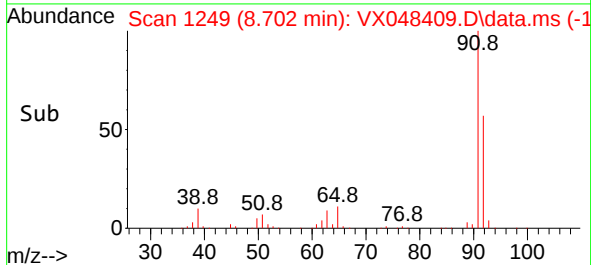
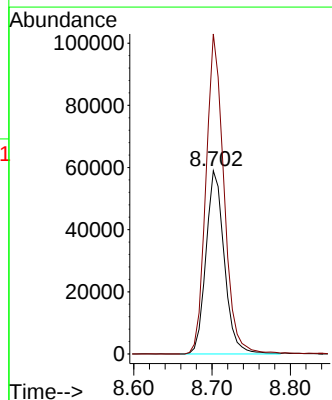
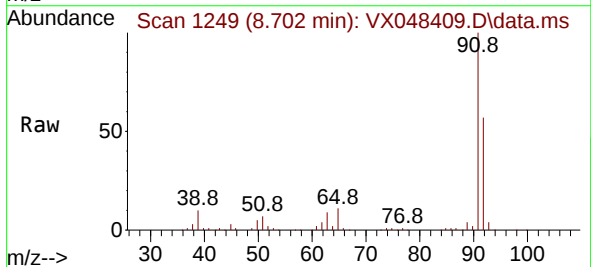
Manual Integrations
APPROVED

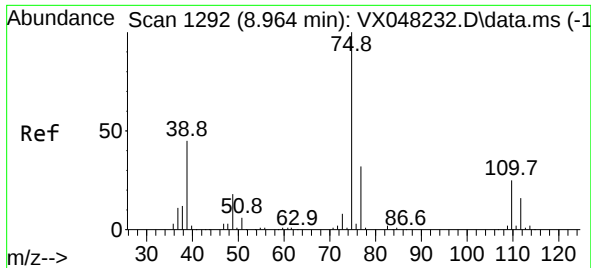
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025



#52
Toluene
Concen: 19.737 ug/l
RT: 8.702 min Scan# 1249
Delta R.T. 0.000 min
Lab File: VX048409.D
Acq: 29 Oct 2025 12:01

Tgt Ion: 92 Resp: 95778
Ion Ratio Lower Upper
92 100
91 171.3 136.1 204.1





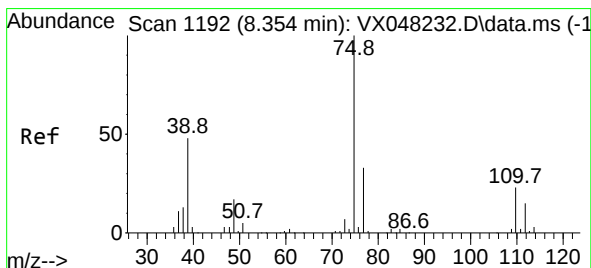
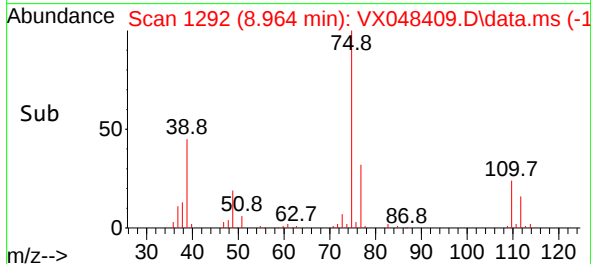
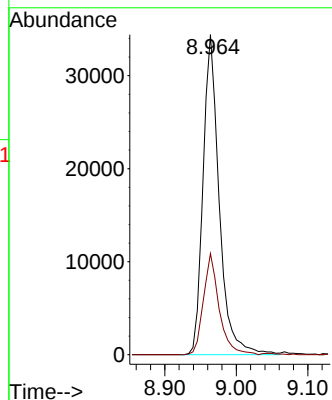
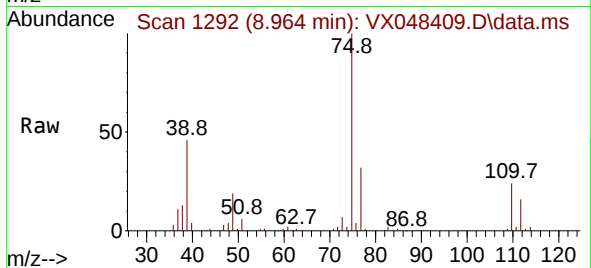
#53
t-1,3-Dichloropropene
Concen: 20.704 ug/l
RT: 8.964 min Scan# 1192
Delta R.T. 0.000 min
Lab File: VX048409.D
Acq: 29 Oct 2025 12:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 75 Resp: 5413
Ion Ratio Lower Upper
75 100
77 31.6 25.0 37.6

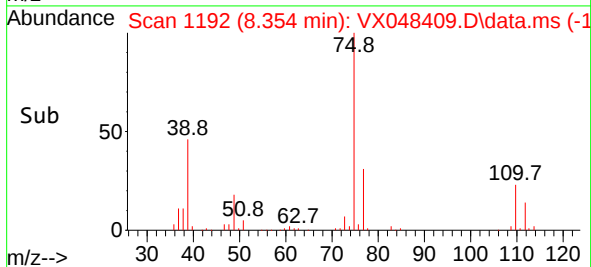
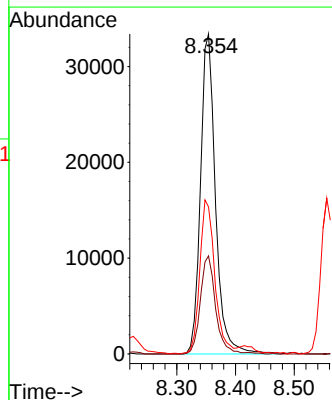
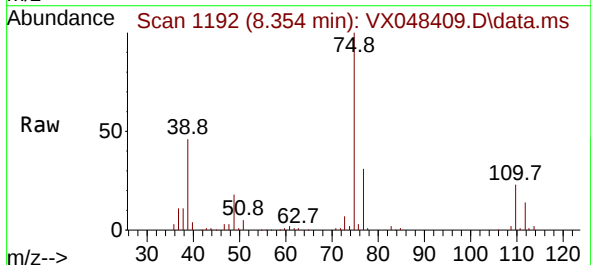
Manual Integrations
APPROVED

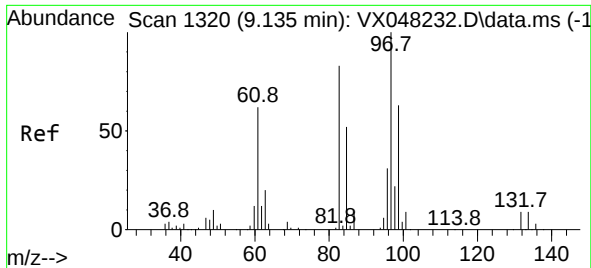
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025



#54
cis-1,3-Dichloropropene
Concen: 21.045 ug/l
RT: 8.354 min Scan# 1192
Delta R.T. 0.000 min
Lab File: VX048409.D
Acq: 29 Oct 2025 12:01

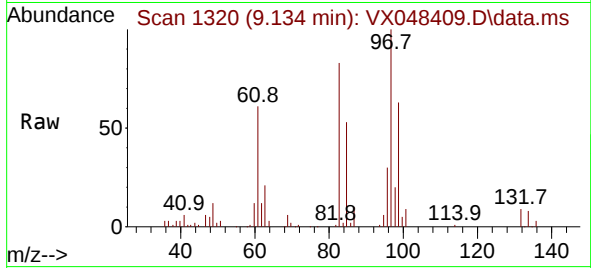
Tgt Ion: 75 Resp: 59288
Ion Ratio Lower Upper
75 100
77 30.7 24.9 37.3
39 46.0 42.6 64.0





#55
1,1,2-Trichloroethane
Concen: 20.100 ug/l
RT: 9.134 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX048409.D
Acq: 29 Oct 2025 12:01

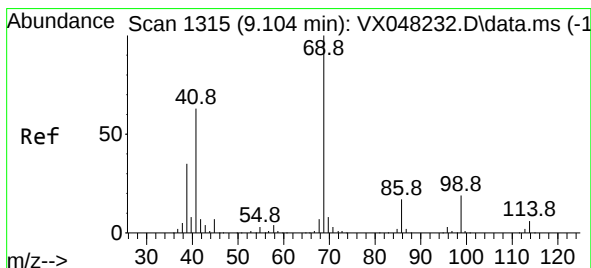
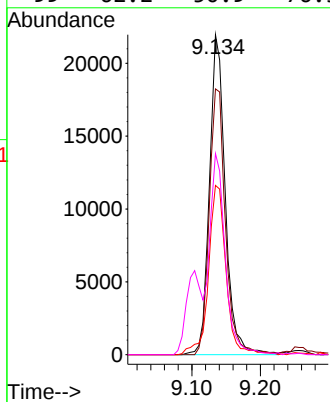
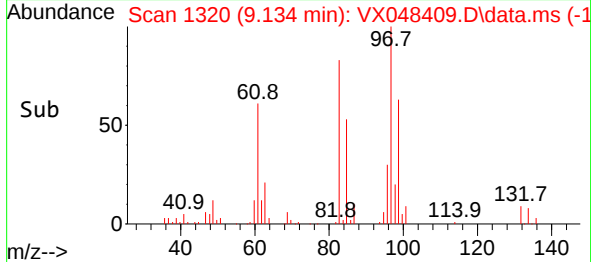
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



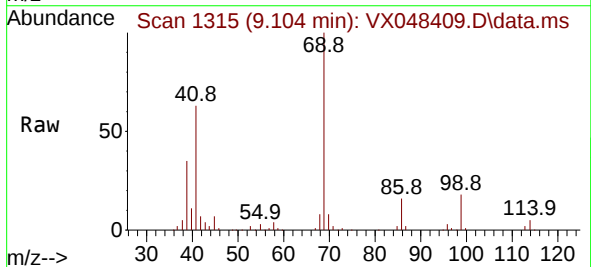
Tgt Ion: 97 Resp: 3529
Ion Ratio Lower Upper
97 100
83 83.1 70.6 105.8
85 52.9 45.0 67.6
99 62.2 50.9 76.3

Manual Integrations
APPROVED

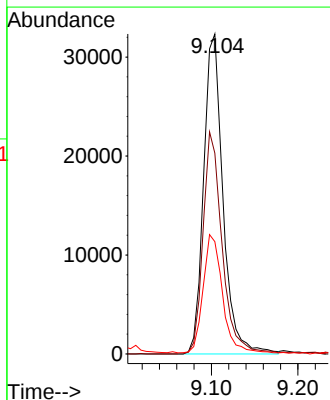
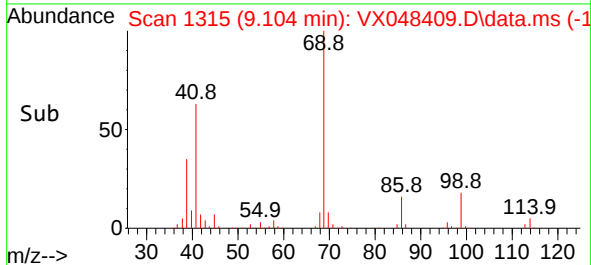
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025

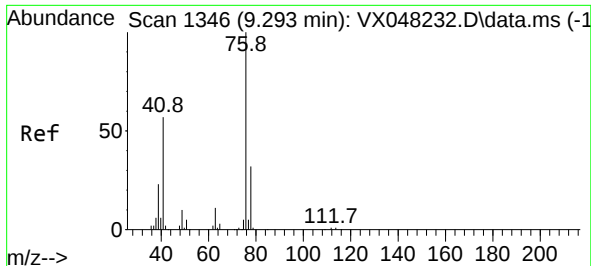


#56
Ethyl methacrylate
Concen: 19.521 ug/l
RT: 9.104 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VX048409.D
Acq: 29 Oct 2025 12:01



Tgt Ion: 69 Resp: 50195
Ion Ratio Lower Upper
69 100
41 69.0 56.0 84.0
39 37.5 31.6 47.4





#57

1,3-Dichloropropane

Concen: 19.734 ug/l

RT: 9.293 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX048409.D

Acq: 29 Oct 2025 12:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 76 Resp: 6008

Ion Ratio Lower Upper

76 100

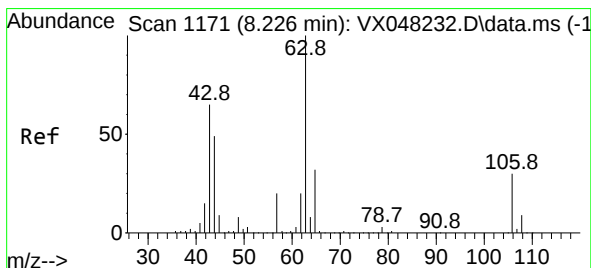
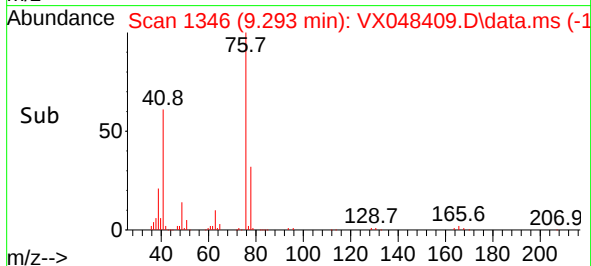
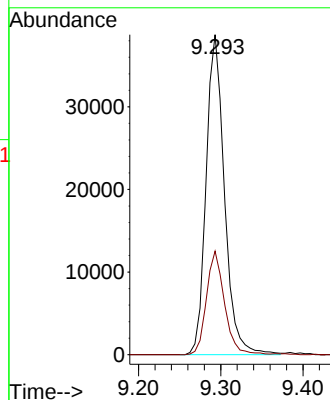
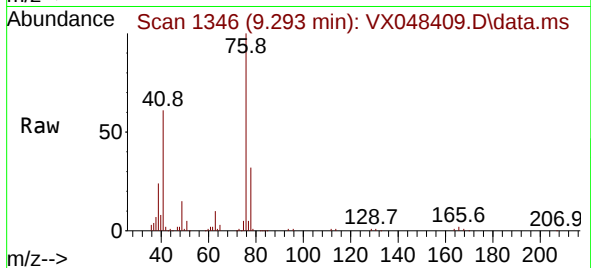
78 31.7 25.4 38.0

Manual Integrations

APPROVED

Reviewed By :Amit Patel 10/30/2025

Supervised By :Mahesh Dadoda 10/30/2025



#58

2-Chloroethyl Vinyl ether

Concen: 102.113 ug/l

RT: 8.226 min Scan# 1171

Delta R.T. 0.000 min

Lab File: VX048409.D

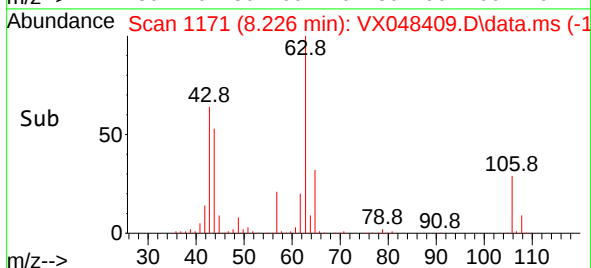
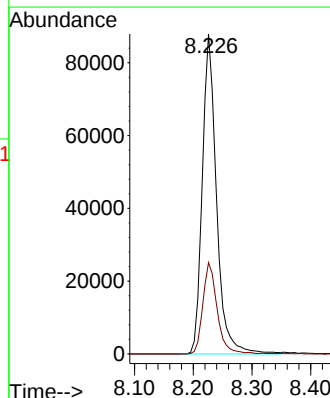
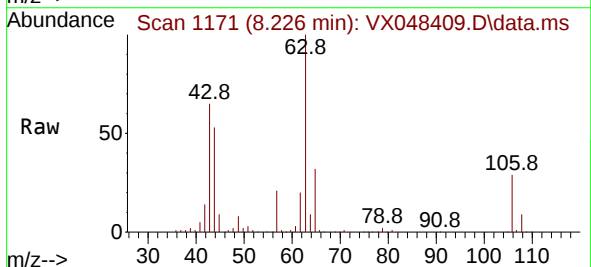
Acq: 29 Oct 2025 12:01

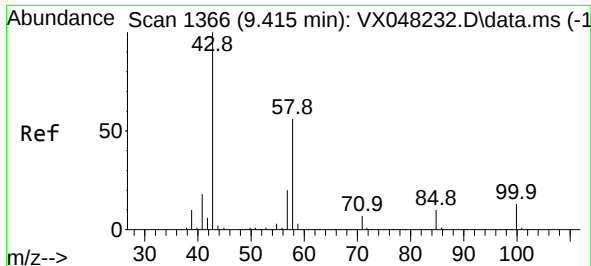
Tgt Ion: 63 Resp: 147643

Ion Ratio Lower Upper

63 100

106 28.7 22.2 33.2





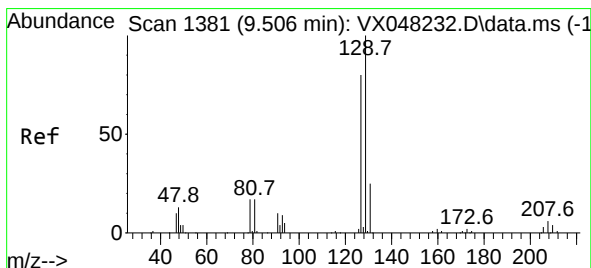
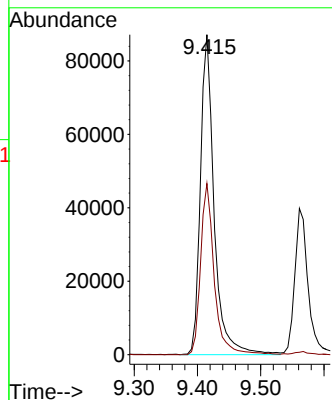
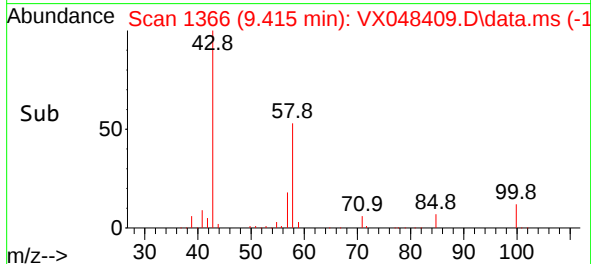
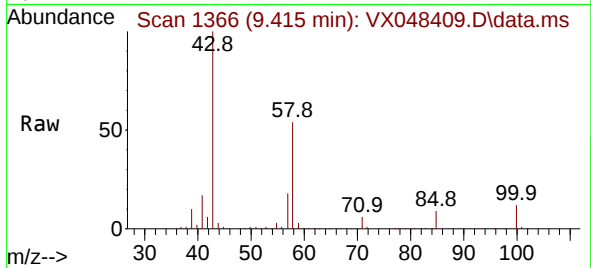
#59
2-Hexanone
Concen: 101.896 ug/l
RT: 9.415 min Scan# 1366
Delta R.T. 0.000 min
Lab File: VX048409.D
Acq: 29 Oct 2025 12:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 43 Resp: 131938
Ion Ratio Lower Upper
43 100
58 53.2 26.3 78.8

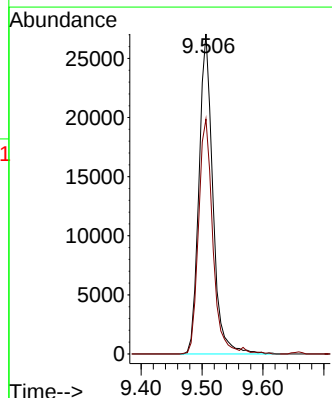
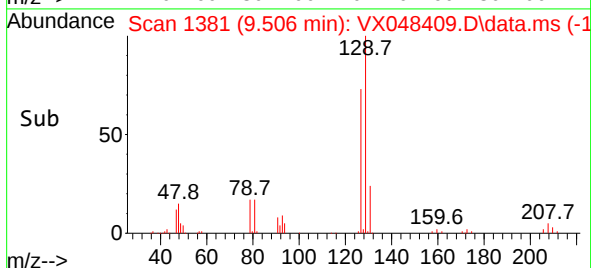
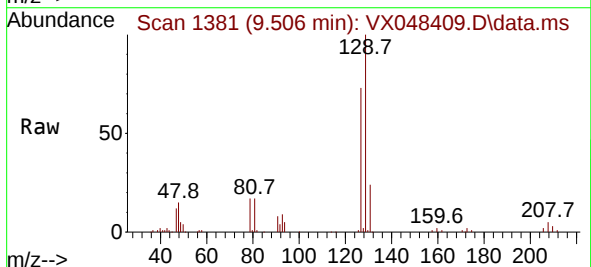
Manual Integrations
APPROVED

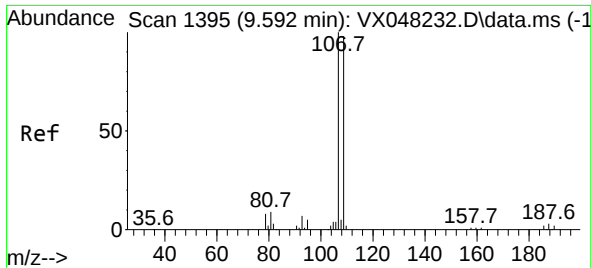
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025



#60
Dibromochloromethane
Concen: 19.711 ug/l
RT: 9.506 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VX048409.D
Acq: 29 Oct 2025 12:01

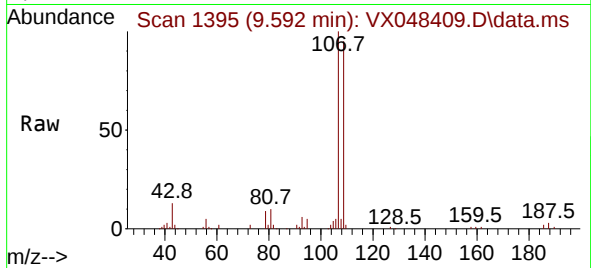
Tgt Ion:129 Resp: 42810
Ion Ratio Lower Upper
129 100
127 76.1 38.6 115.7





#61
1,2-Dibromoethane
Concen: 19.761 ug/l
RT: 9.592 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VX048409.D
Acq: 29 Oct 2025 12:01

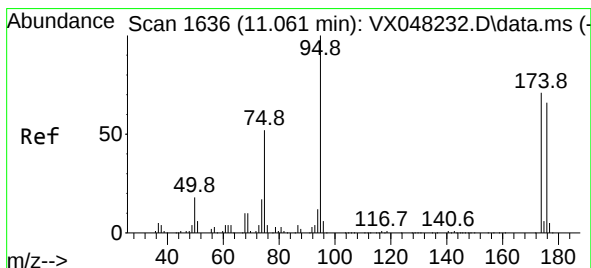
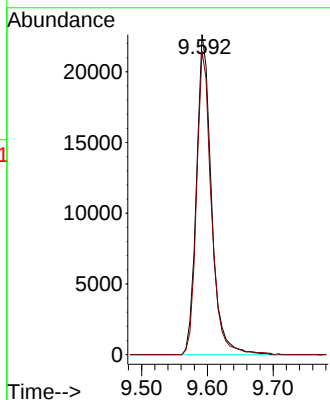
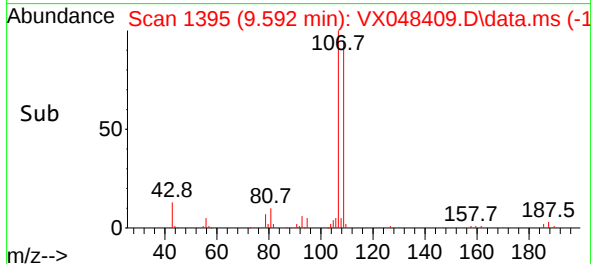
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



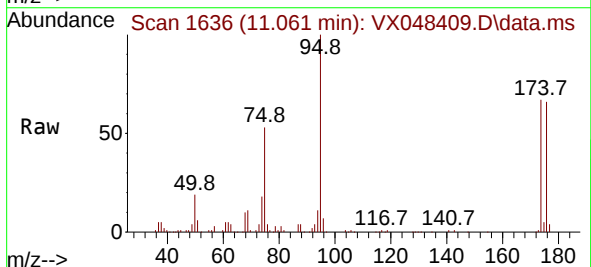
Tgt Ion:107 Resp: 35900
Ion Ratio Lower Upper
107 100
109 93.8 77.0 115.4

Manual Integrations
APPROVED

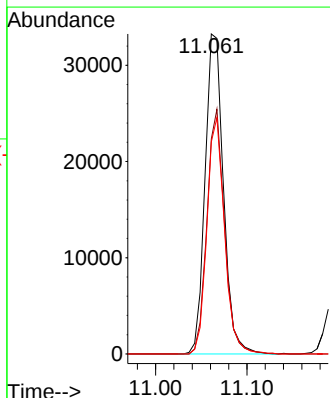
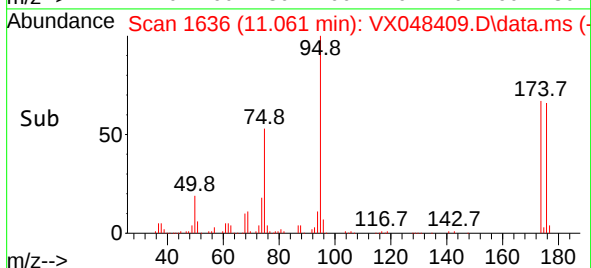
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025

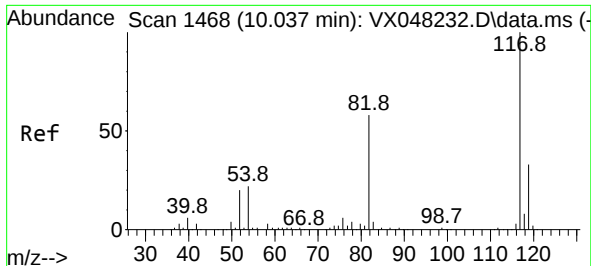


#62
4-Bromofluorobenzene
Concen: 18.546 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048409.D
Acq: 29 Oct 2025 12:01



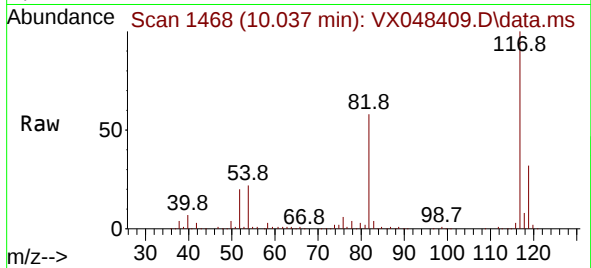
Tgt Ion: 95 Resp: 46359
Ion Ratio Lower Upper
95 100
174 73.2 0.0 147.8
176 70.6 0.0 142.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. 0.000 min
Lab File: VX048409.D
Acq: 29 Oct 2025 12:01

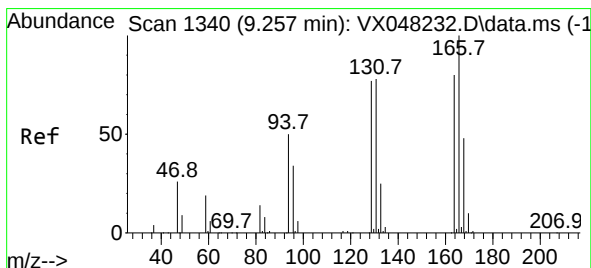
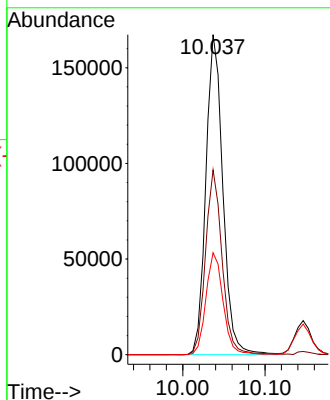
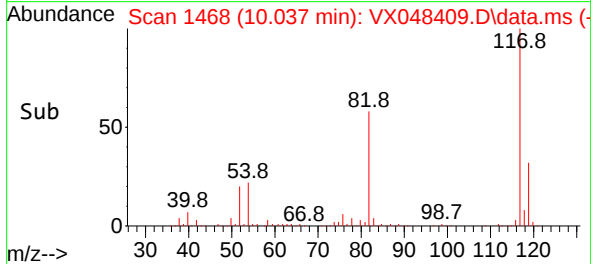
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



Tgt Ion:117 Resp: 23995
Ion Ratio Lower Upper
117 100
82 57.7 46.5 69.7
119 31.8 25.9 38.9

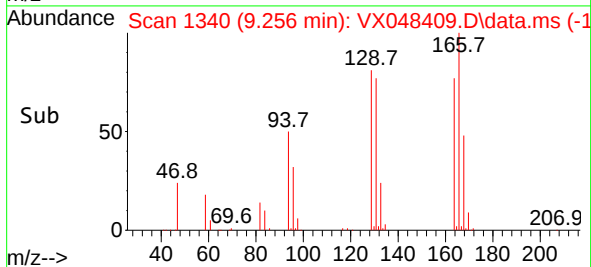
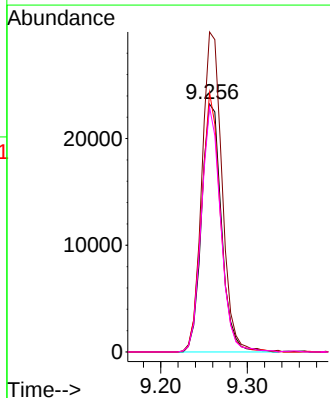
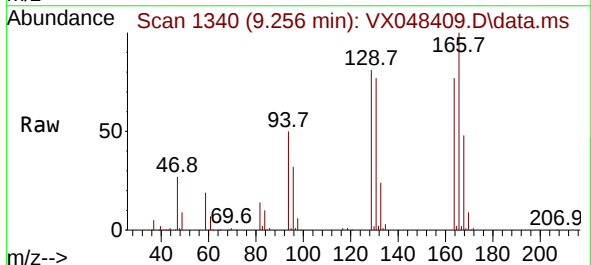
Manual Integrations
APPROVED

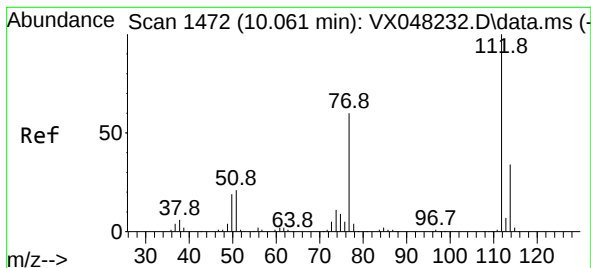
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025



#64
Tetrachloroethene
Concen: 19.095 ug/l
RT: 9.256 min Scan# 1340
Delta R.T. 0.000 min
Lab File: VX048409.D
Acq: 29 Oct 2025 12:01

Tgt Ion:164 Resp: 36898
Ion Ratio Lower Upper
164 100
166 129.1 104.5 156.7
129 104.7 81.8 122.6
131 98.8 77.0 115.6





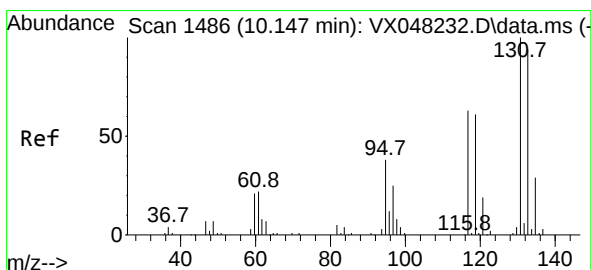
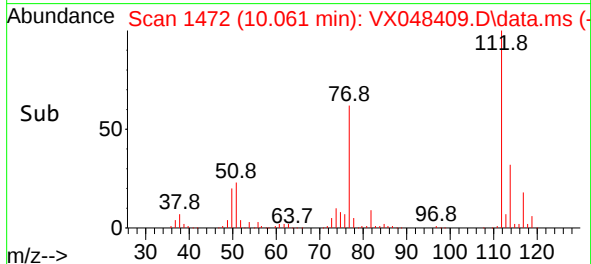
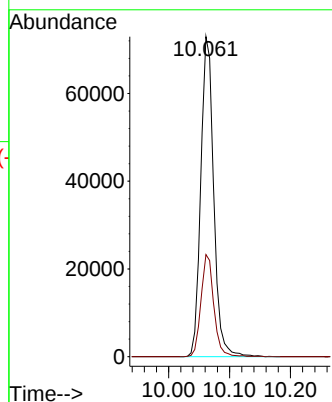
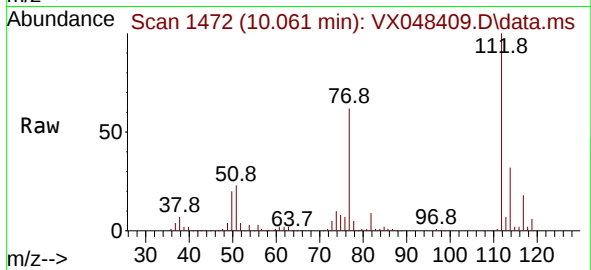
#65
Chlorobenzene
Concen: 19.419 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VX048409.D
Acq: 29 Oct 2025 12:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion:112 Resp: 107348
Ion Ratio Lower Upper
112 100
114 31.9 26.2 39.2

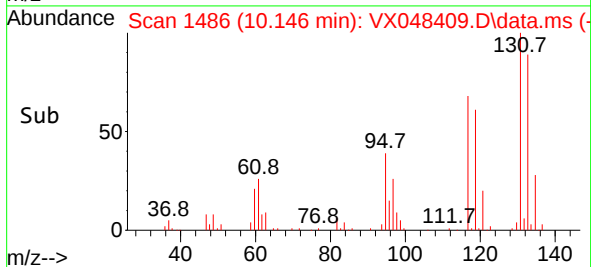
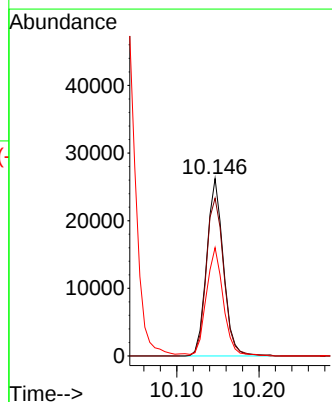
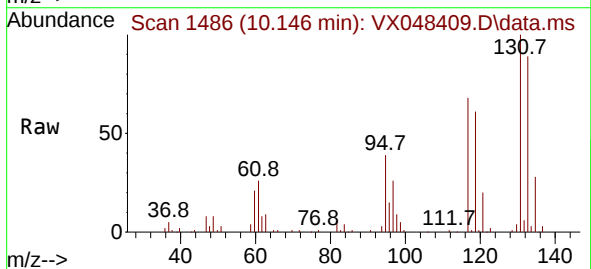
Manual Integrations
APPROVED

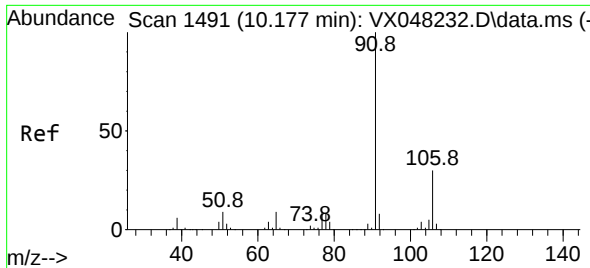
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 19.709 ug/l
RT: 10.146 min Scan# 1486
Delta R.T. 0.000 min
Lab File: VX048409.D
Acq: 29 Oct 2025 12:01

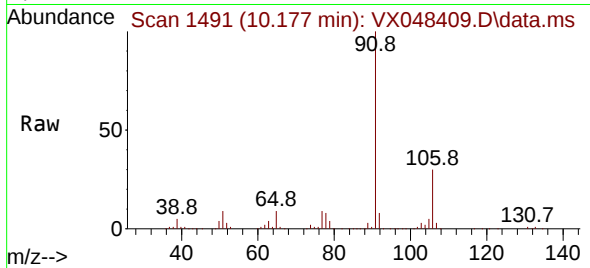
Tgt Ion:131 Resp: 37061
Ion Ratio Lower Upper
131 100
133 93.7 47.6 142.8
119 62.2 32.5 97.5





#67
Ethyl Benzene
Concen: 19.472 ug/l
RT: 10.177 min Scan# 1491
Delta R.T. 0.000 min
Lab File: VX048409.D
Acq: 29 Oct 2025 12:01

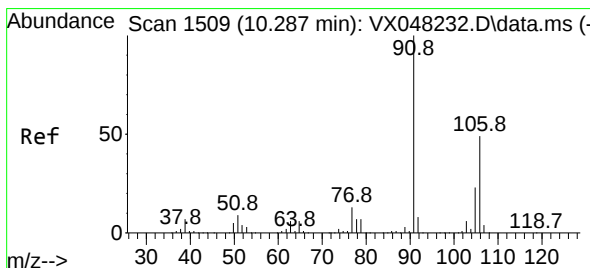
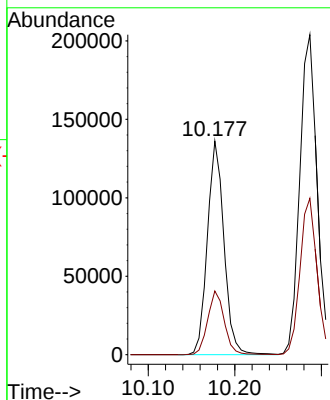
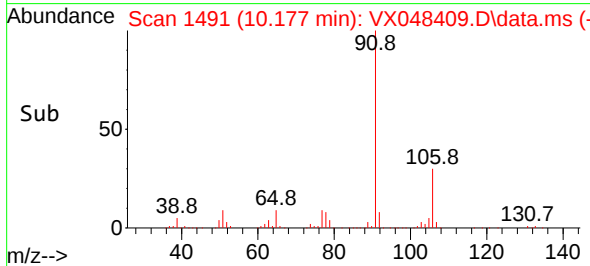
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



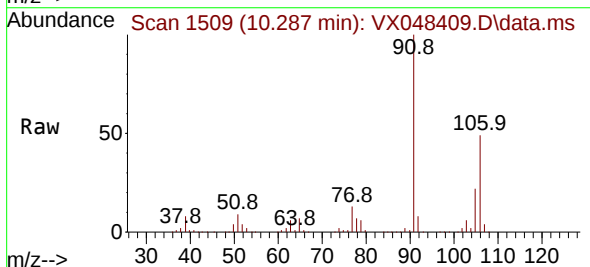
Tgt Ion: 91 Resp: 181239
Ion Ratio Lower Upper
91 100
106 29.8 23.8 35.6

Manual Integrations
APPROVED

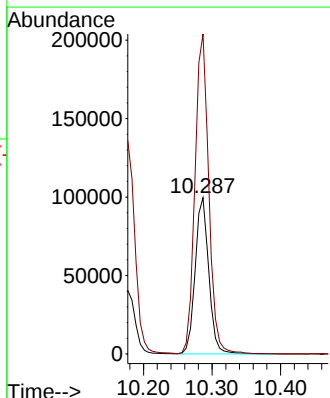
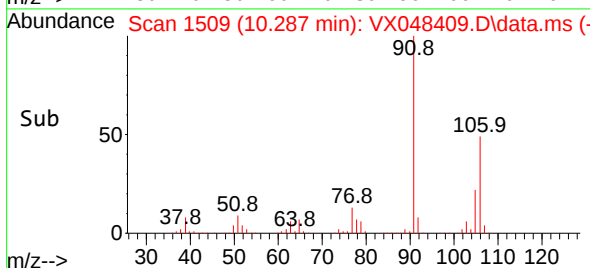
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025

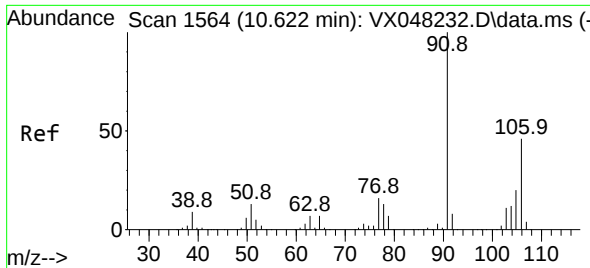


#68
m/p-Xylenes
Concen: 39.097 ug/l
RT: 10.287 min Scan# 1509
Delta R.T. 0.000 min
Lab File: VX048409.D
Acq: 29 Oct 2025 12:01



Tgt Ion:106 Resp: 137786
Ion Ratio Lower Upper
106 100
91 207.4 167.9 251.9





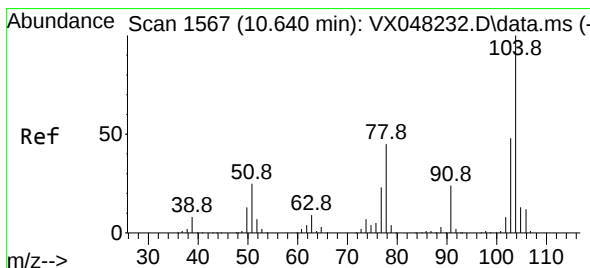
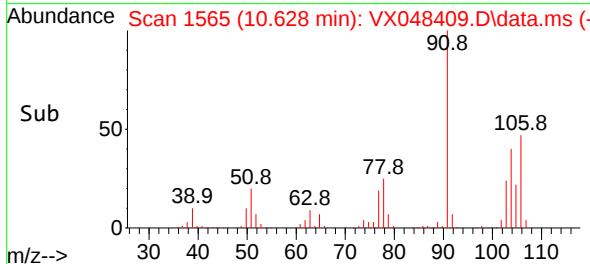
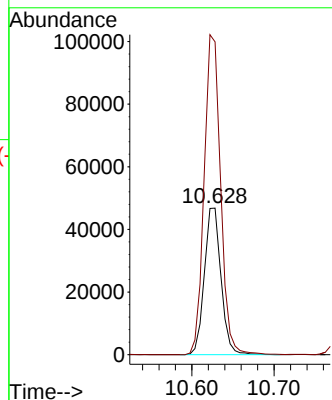
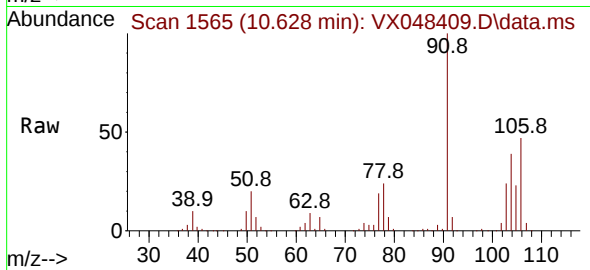
#69
o-Xylene
Concen: 19.564 ug/l
RT: 10.628 min Scan# 1565
Delta R.T. 0.006 min
Lab File: VX048409.D
Acq: 29 Oct 2025 12:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion:106 Resp: 65880
Ion Ratio Lower Upper
106 100
91 216.4 111.3 333.9

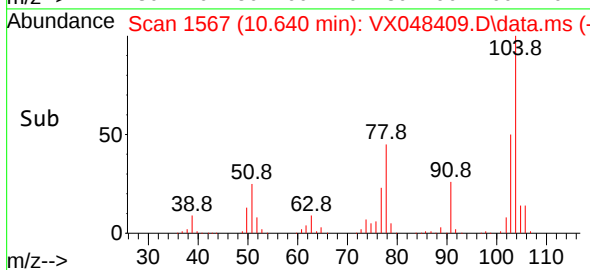
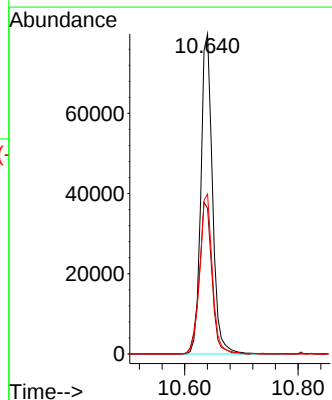
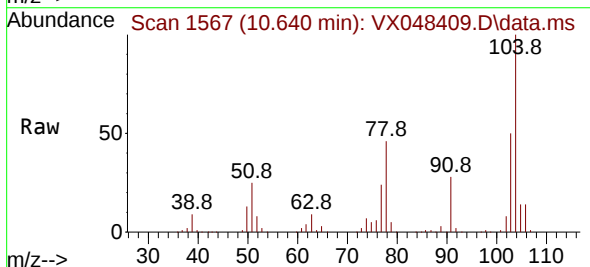
Manual Integrations
APPROVED

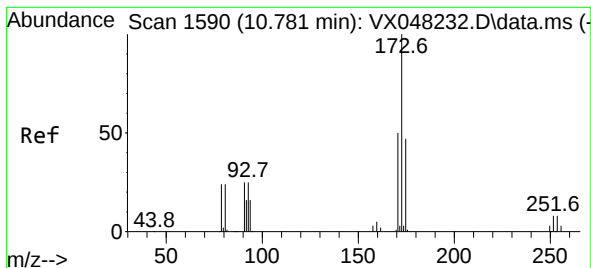
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025



#70
Styrene
Concen: 19.850 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX048409.D
Acq: 29 Oct 2025 12:01

Tgt Ion:104 Resp: 113244
Ion Ratio Lower Upper
104 100
78 51.6 42.2 63.4
103 54.1 43.0 64.4





#71

Bromoform

Concen: 18.858 ug/l

RT: 10.781 min Scan# 1590

Delta R.T. 0.000 min

Lab File: VX048409.D

Acq: 29 Oct 2025 12:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

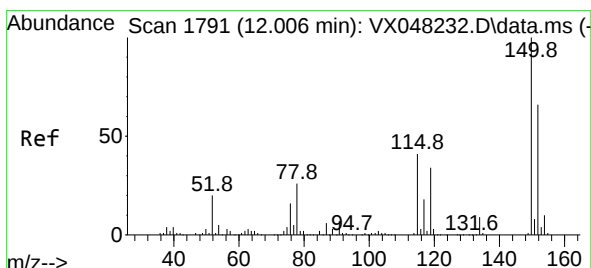
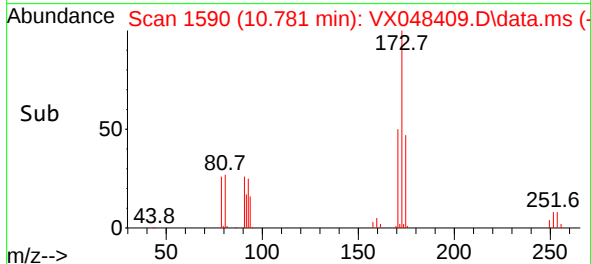
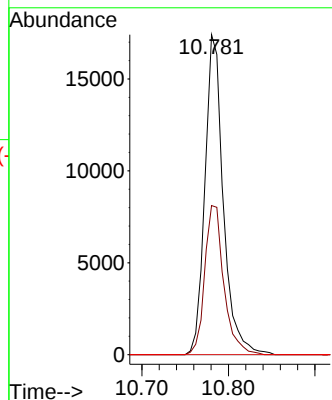
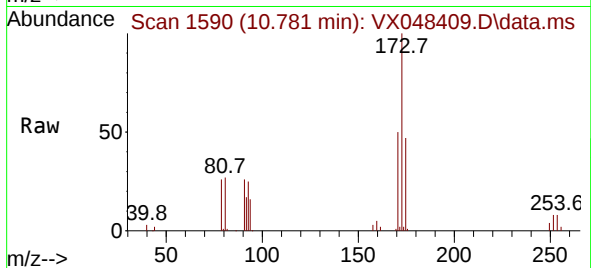
Tgt Ion:173 Resp: 25652
 Ion Ratio Lower Upper
 173 100
 175 48.6 24.0 72.0
 254 0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :Amit Patel 10/30/2025

Supervised By :Mahesh Dadoda 10/30/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

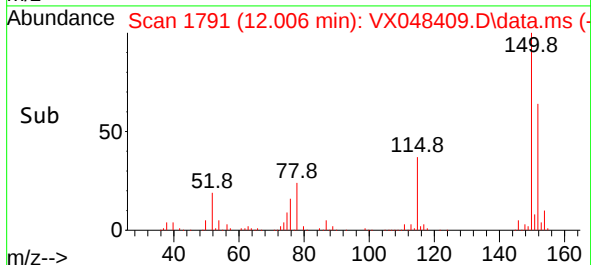
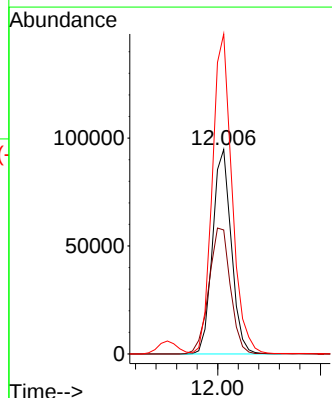
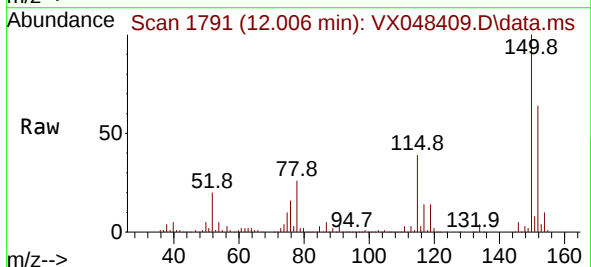
RT: 12.006 min Scan# 1791

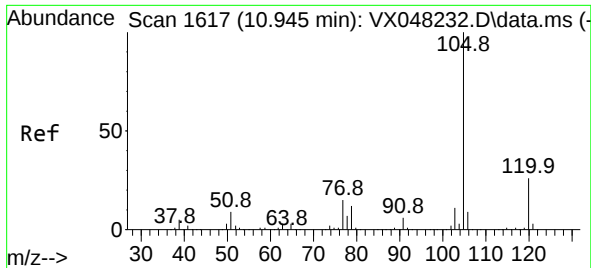
Delta R.T. 0.000 min

Lab File: VX048409.D

Acq: 29 Oct 2025 12:01

Tgt Ion:152 Resp: 119721
 Ion Ratio Lower Upper
 152 100
 115 70.8 43.1 129.4
 150 164.1 0.0 353.0





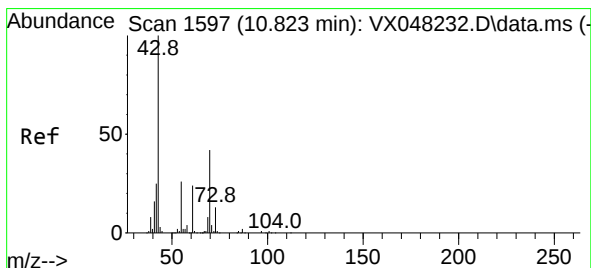
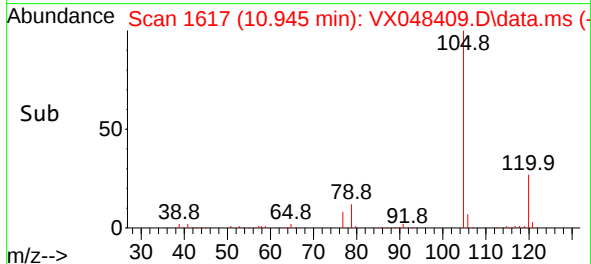
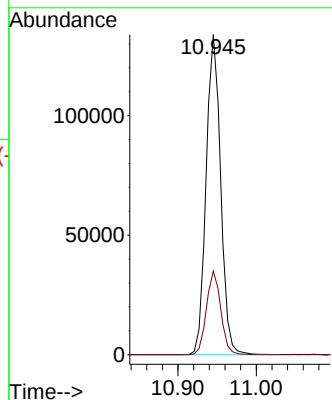
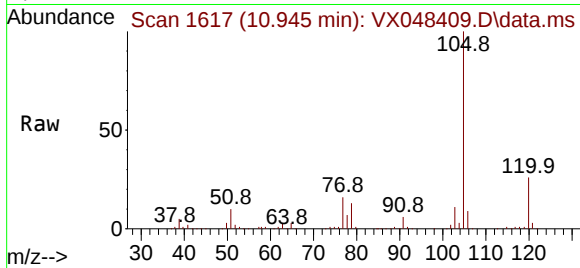
#73
Isopropylbenzene
Concen: 19.426 ug/l
RT: 10.945 min Scan# 1617
Delta R.T. 0.000 min
Lab File: VX048409.D
Acq: 29 Oct 2025 12:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion:105 Resp: 17201
Ion Ratio Lower Upper
105 100
120 25.7 13.0 38.9

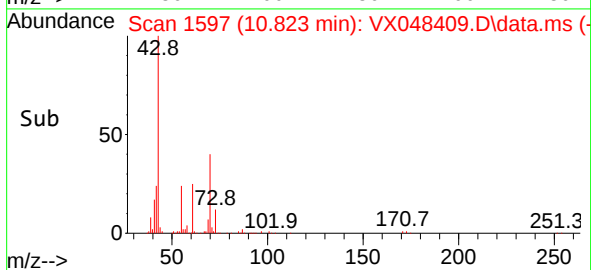
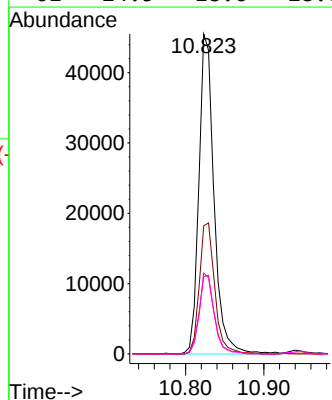
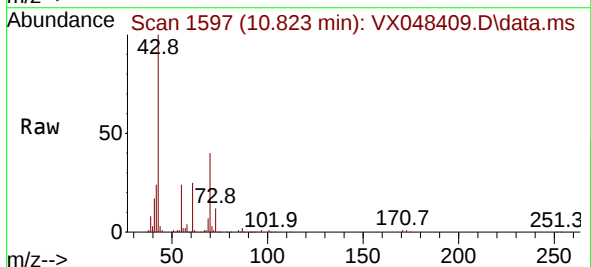
Manual Integrations
APPROVED

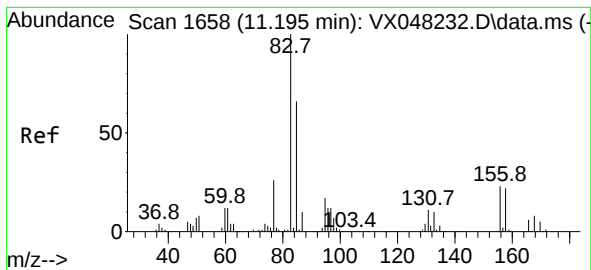
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025



#74
N-ethyl acetate
Concen: 19.415 ug/l
RT: 10.823 min Scan# 1597
Delta R.T. 0.000 min
Lab File: VX048409.D
Acq: 29 Oct 2025 12:01

Tgt Ion: 43 Resp: 61330
Ion Ratio Lower Upper
43 100
70 41.6 32.2 48.2
55 25.1 19.1 28.7
61 24.5 18.6 28.0





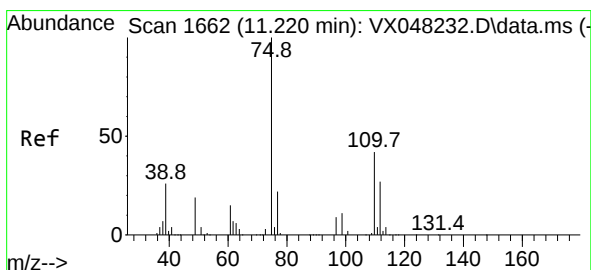
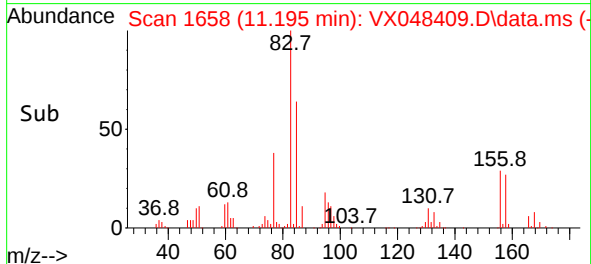
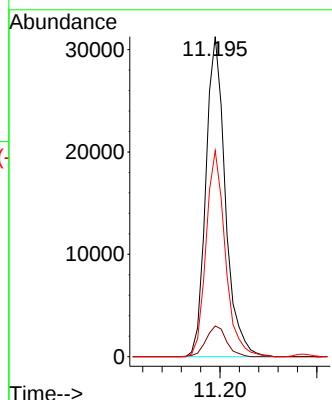
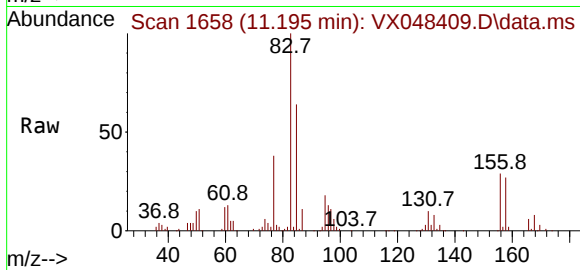
#75
1,1,2,2-Tetrachloroethane
Concen: 19.513 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VX048409.D
Acq: 29 Oct 2025 12:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 83 Resp: 4376
Ion Ratio Lower Upper
83 100
131 10.1 4.8 14.4
85 63.5 31.9 95.7

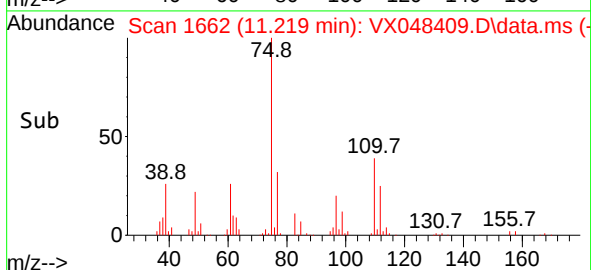
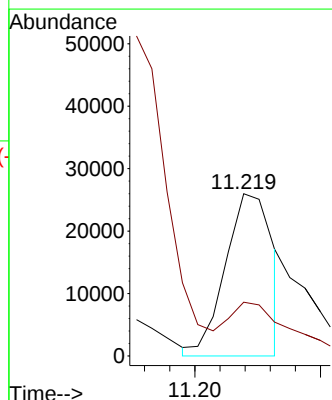
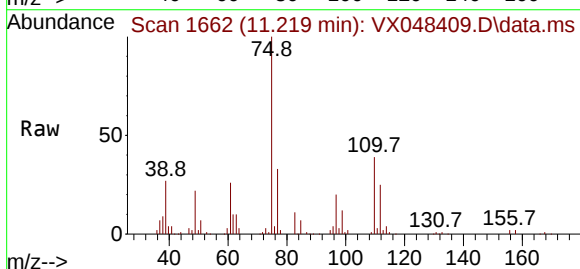
Manual Integrations
APPROVED

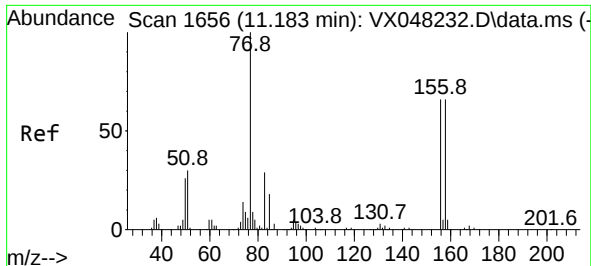
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025



#76
1,2,3-Trichloropropane
Concen: 18.164 ug/l m
RT: 11.219 min Scan# 1662
Delta R.T. 0.000 min
Lab File: VX048409.D
Acq: 29 Oct 2025 12:01

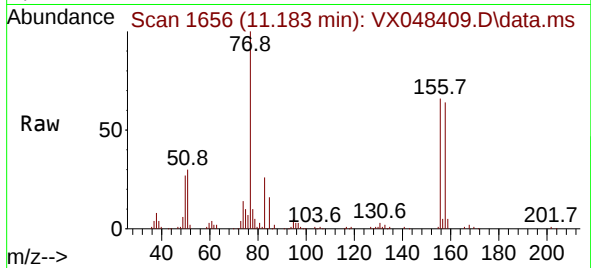
Tgt Ion: 75 Resp: 33917
Ion Ratio Lower Upper
75 100
77 43.4 22.4 67.2





#77
Bromobenzene
Concen: 19.402 ug/l
RT: 11.183 min Scan# 1656
Delta R.T. 0.000 min
Lab File: VX048409.D
Acq: 29 Oct 2025 12:01

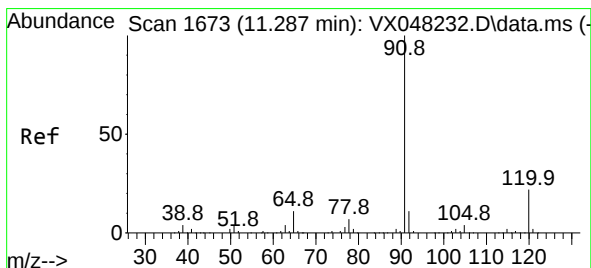
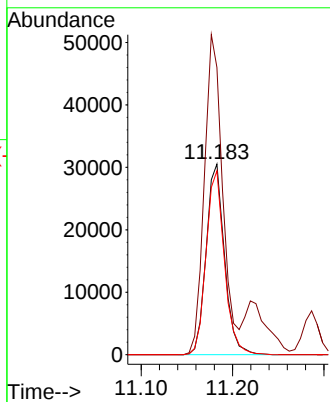
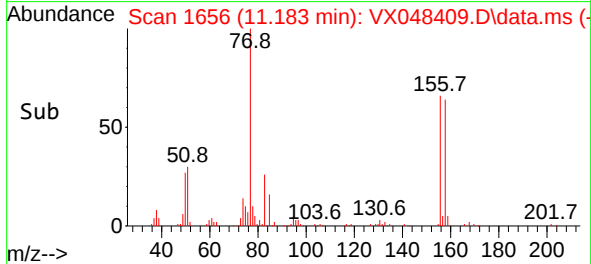
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



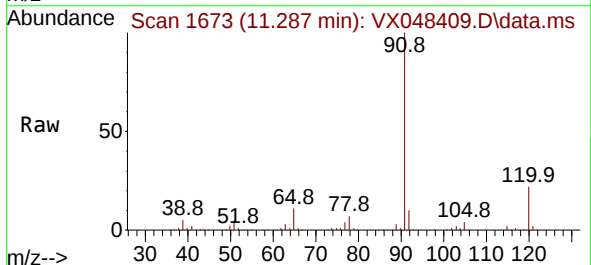
Tgt Ion:156 Resp: 4244
Ion Ratio Lower Upper
156 100
77 167.4 87.0 261.0
158 96.4 47.8 143.4

Manual Integrations
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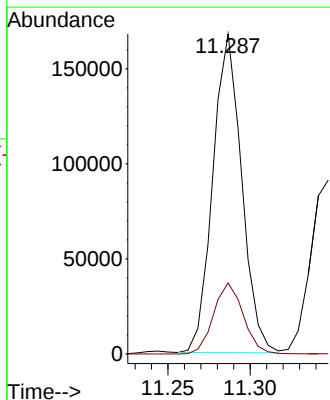
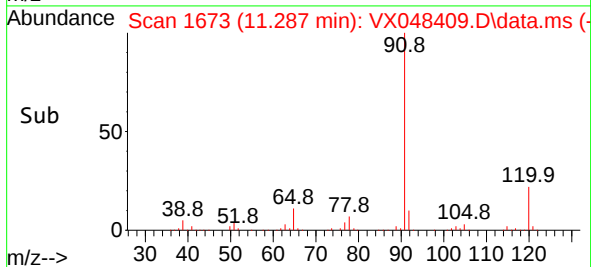
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025

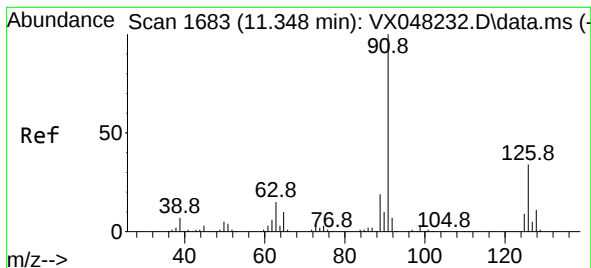


#78
n-propylbenzene
Concen: 19.503 ug/l
RT: 11.287 min Scan# 1673
Delta R.T. 0.000 min
Lab File: VX048409.D
Acq: 29 Oct 2025 12:01



Tgt Ion: 91 Resp: 204115
Ion Ratio Lower Upper
91 100
120 22.9 11.1 33.1





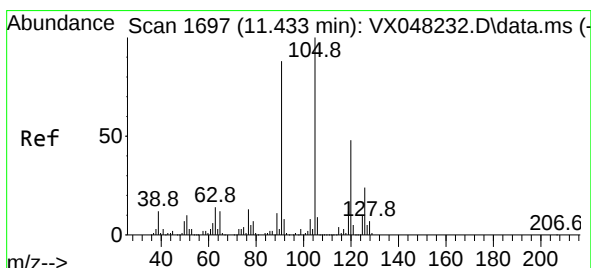
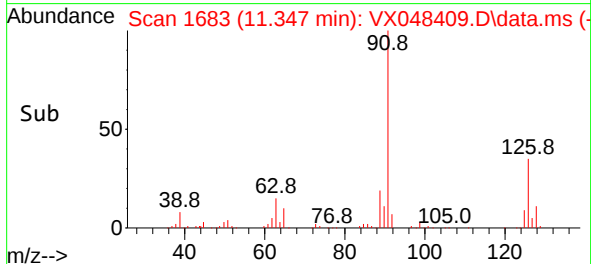
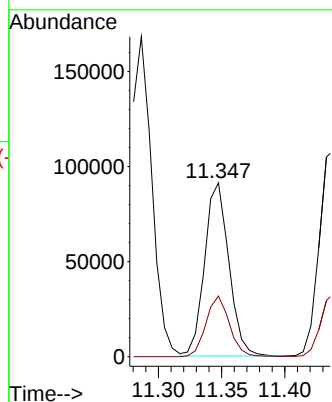
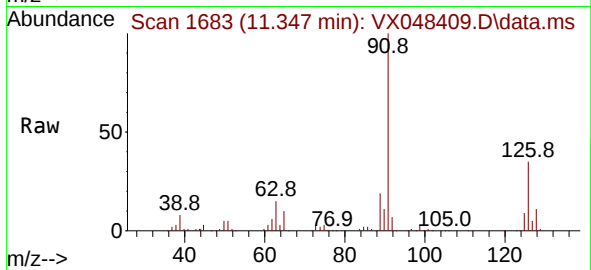
#79
2-Chlorotoluene
Concen: 19.346 ug/l
RT: 11.347 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VX048409.D
Acq: 29 Oct 2025 12:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 91 Resp: 12156
Ion Ratio Lower Upper
91 100
126 33.9 16.4 49.4

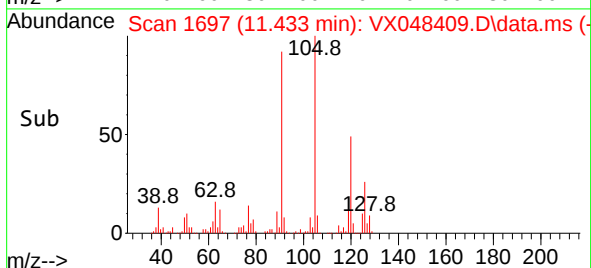
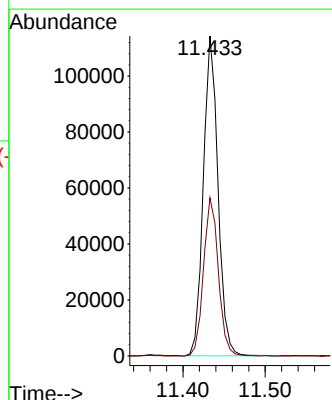
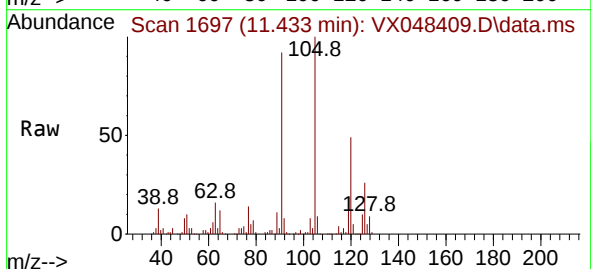
Manual Integrations
APPROVED

Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025



#80
1,3,5-Trimethylbenzene
Concen: 19.449 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. 0.000 min
Lab File: VX048409.D
Acq: 29 Oct 2025 12:01

Tgt Ion:105 Resp: 141180
Ion Ratio Lower Upper
105 100
120 50.3 24.0 72.0





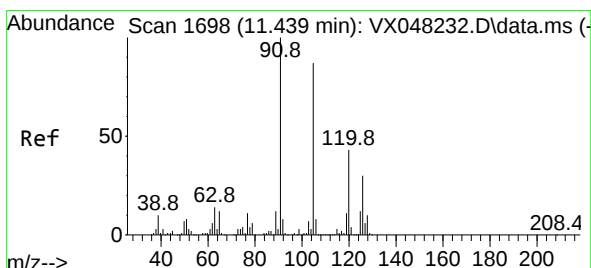
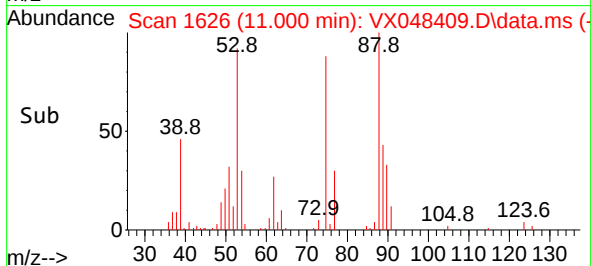
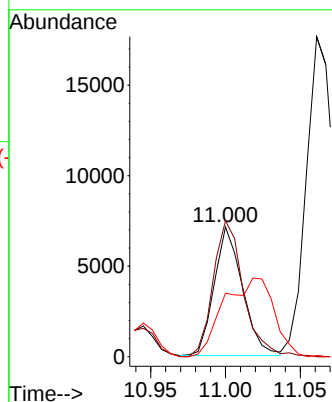
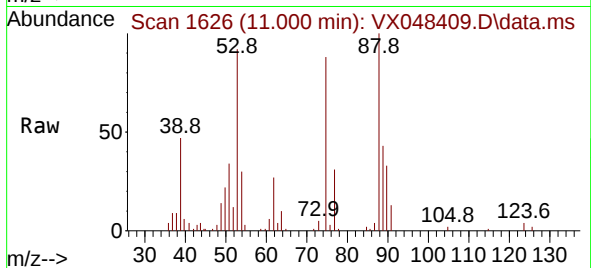
#81
trans-1,4-Dichloro-2-butene
Concen: 18.799 ug/l
RT: 11.000 min Scan# 1626
Delta R.T. 0.000 min
Lab File: VX048409.D
Acq: 29 Oct 2025 12:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 75 Resp: 935
Ion Ratio Lower Upper
75 100
53 112.8 79.5 119.3
89 107.9 36.8 55.2

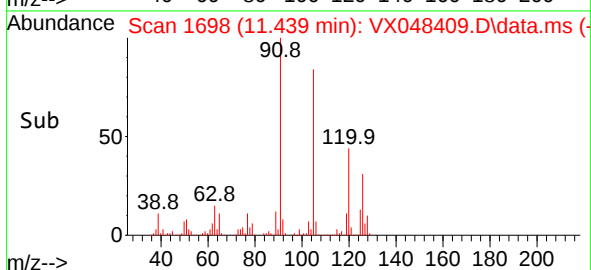
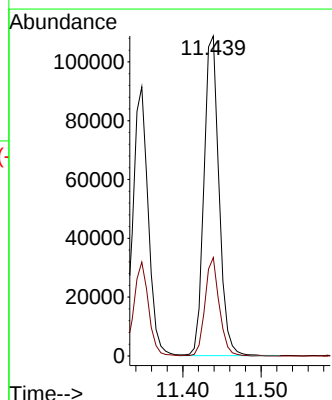
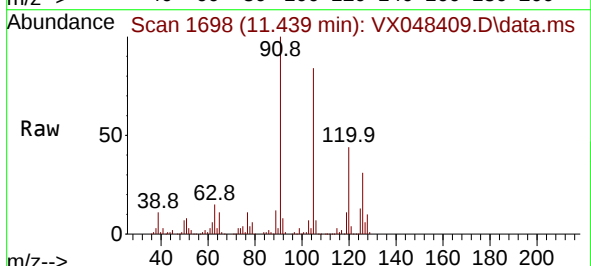
Manual Integrations
APPROVED

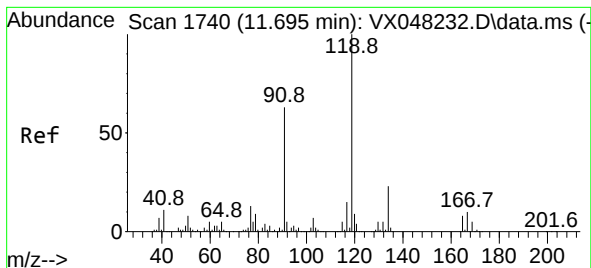
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025



#82
4-Chlorotoluene
Concen: 19.597 ug/l
RT: 11.439 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VX048409.D
Acq: 29 Oct 2025 12:01

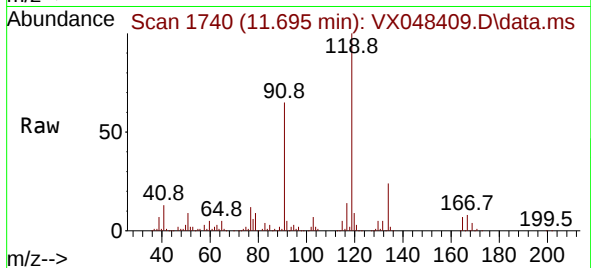
Tgt Ion: 91 Resp: 144766
Ion Ratio Lower Upper
91 100
126 29.1 14.1 42.4





#83
tert-Butylbenzene
Concen: 19.084 ug/l
RT: 11.695 min Scan# 1740
Delta R.T. 0.000 min
Lab File: VX048409.D
Acq: 29 Oct 2025 12:01

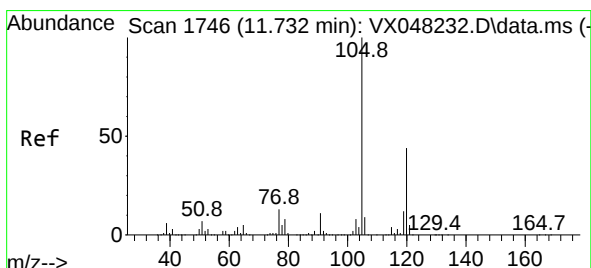
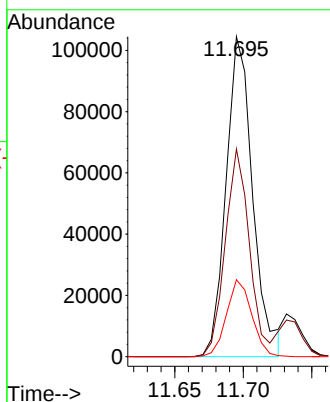
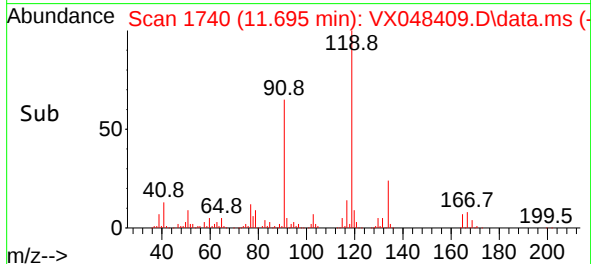
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



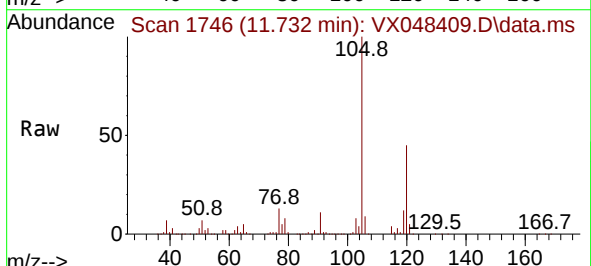
Tgt Ion:119 Resp: 14103
Ion Ratio Lower Upper
119 100
91 59.2 30.3 91.0
134 22.9 11.4 34.2

Manual Integrations
APPROVED

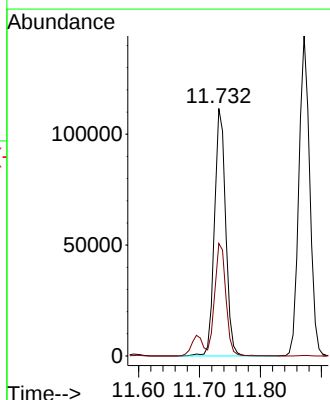
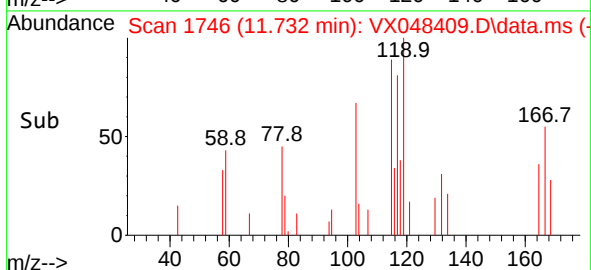
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025

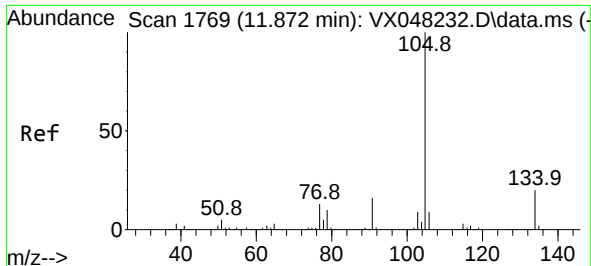


#84
1,2,4-Trimethylbenzene
Concen: 19.826 ug/l
RT: 11.732 min Scan# 1746
Delta R.T. 0.000 min
Lab File: VX048409.D
Acq: 29 Oct 2025 12:01



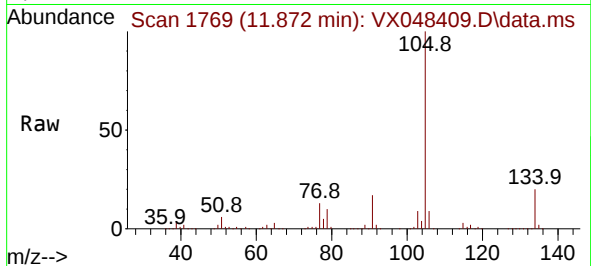
Tgt Ion:105 Resp: 142497
Ion Ratio Lower Upper
105 100
120 44.9 22.1 66.5





#85
 sec-Butylbenzene
 Concen: 19.383 ug/l
 RT: 11.872 min Scan# 1769
 Delta R.T. 0.000 min
 Lab File: VX048409.D
 Acq: 29 Oct 2025 12:01

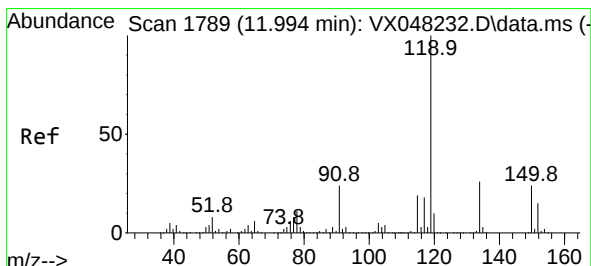
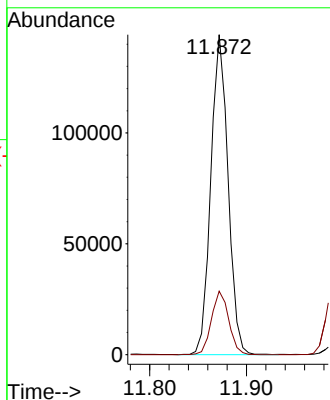
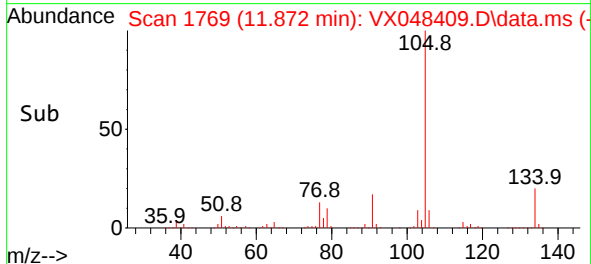
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020



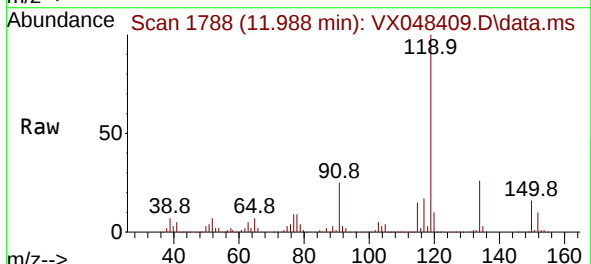
Tgt Ion:105 Resp: 17847
 Ion Ratio Lower Upper
 105 100
 134 19.9 10.1 30.1

Manual Integrations
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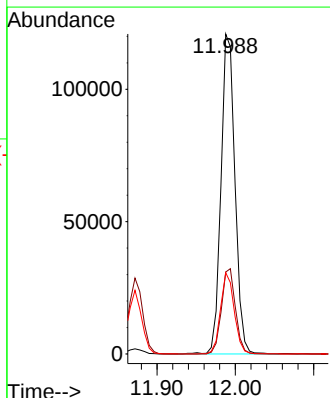
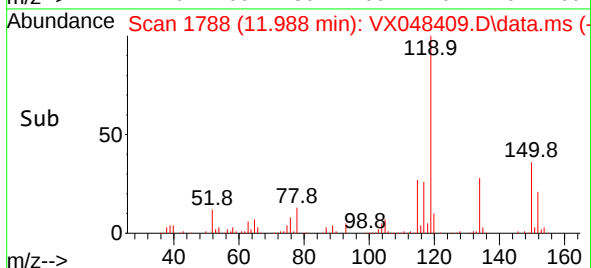
Reviewed By :Amit Patel 10/30/2025
 Supervised By :Mahesh Dadoda 10/30/2025



#86
 p-Isopropyltoluene
 Concen: 19.347 ug/l
 RT: 11.988 min Scan# 1788
 Delta R.T. 0.000 min
 Lab File: VX048409.D
 Acq: 29 Oct 2025 12:01



Tgt Ion:119 Resp: 150606
 Ion Ratio Lower Upper
 119 100
 134 26.7 13.0 39.0
 91 24.9 12.1 36.3





#87

1,3-Dichlorobenzene

Concen: 19.034 ug/l

RT: 11.951 min Scan# 1782

Delta R.T. 0.000 min

Lab File: VX048409.D

Acq: 29 Oct 2025 12:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion:146 Resp: 7951

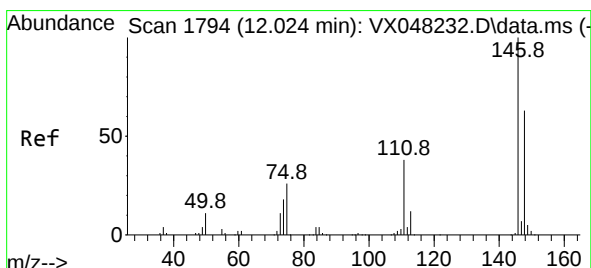
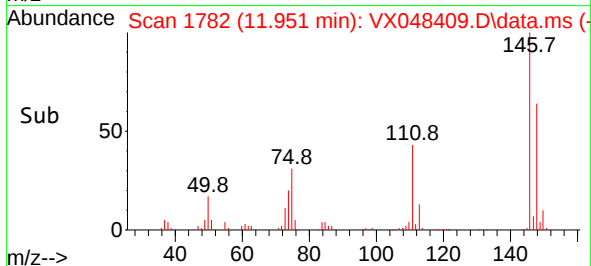
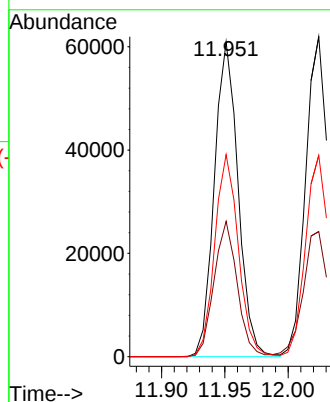
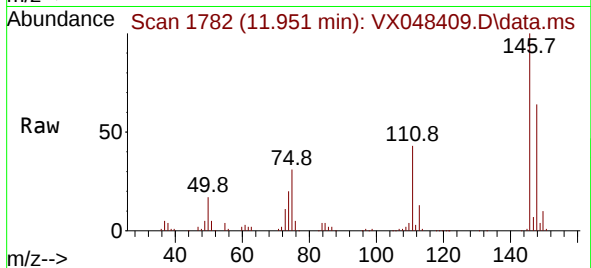
Ion	Ratio	Lower	Upper
146	100		
111	42.0	20.4	61.2
148	64.0	31.9	95.9

Manual Integrations

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Reviewed By :Amit Patel 10/30/2025

Supervised By :Mahesh Dadoda 10/30/2025



#88

1,4-Dichlorobenzene

Concen: 18.755 ug/l

RT: 12.024 min Scan# 1794

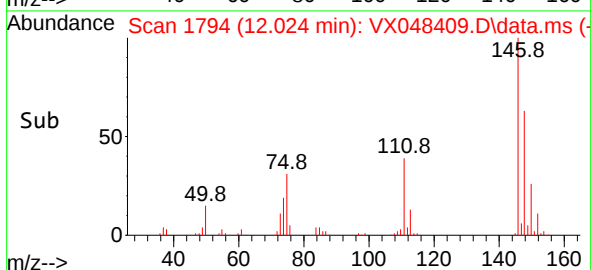
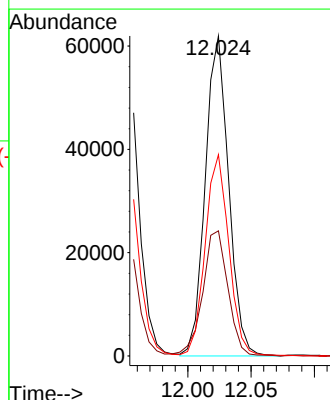
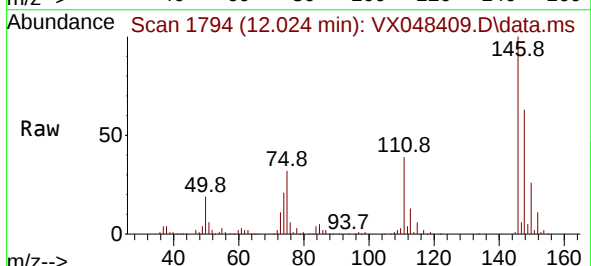
Delta R.T. 0.000 min

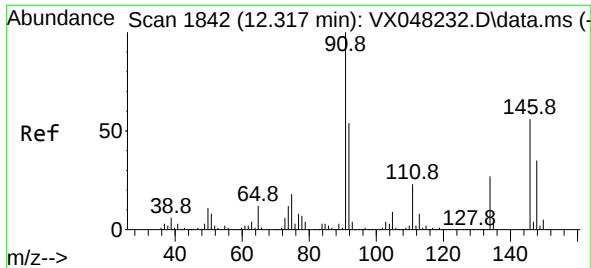
Lab File: VX048409.D

Acq: 29 Oct 2025 12:01

Tgt Ion:146 Resp: 79800

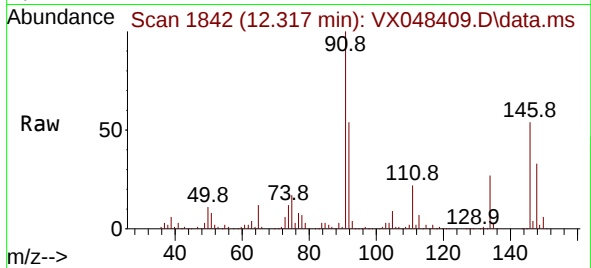
Ion	Ratio	Lower	Upper
146	100		
111	42.4	20.1	60.2
148	63.9	31.8	95.3





#89
n-Butylbenzene
Concen: 18.912 ug/l
RT: 12.317 min Scan# 1842
Delta R.T. 0.006 min
Lab File: VX048409.D
Acq: 29 Oct 2025 12:01

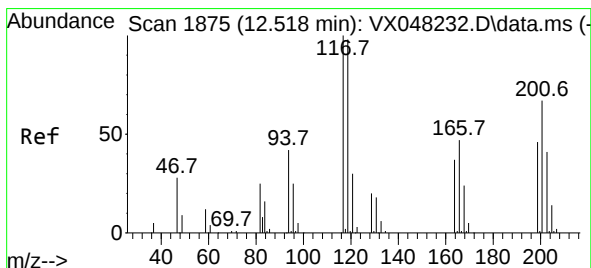
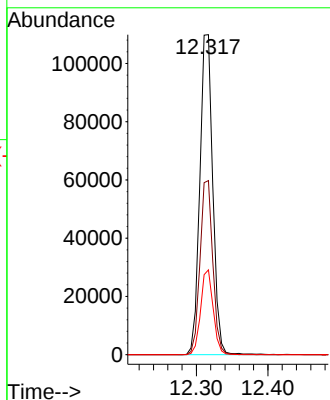
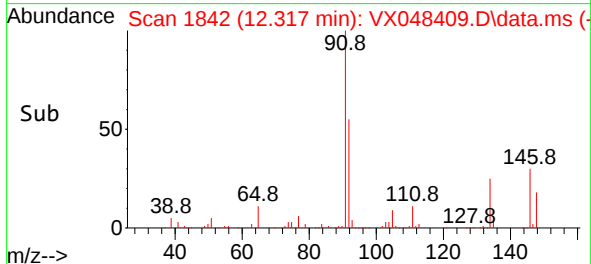
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



Tgt Ion: 91 Resp: 138220
Ion Ratio Lower Upper
91 100
92 53.6 26.9 80.6
134 25.6 12.7 38.1

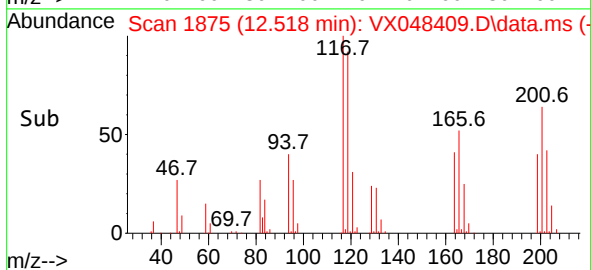
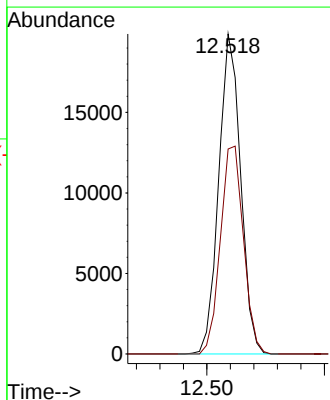
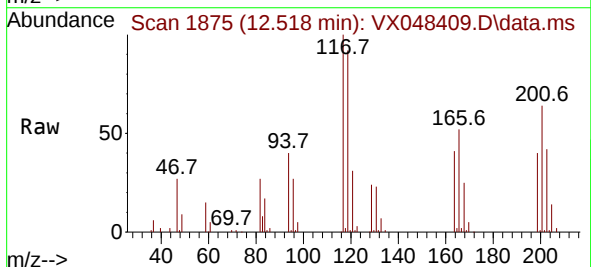
Manual Integrations
APPROVED

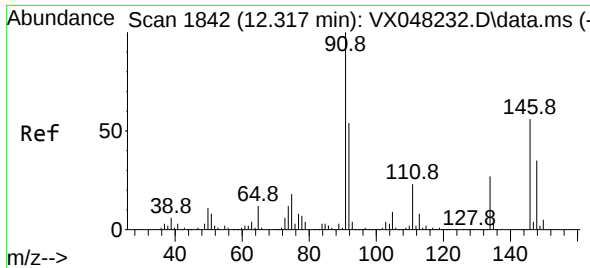
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025



#90
Hexachloroethane
Concen: 18.786 ug/l
RT: 12.518 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VX048409.D
Acq: 29 Oct 2025 12:01

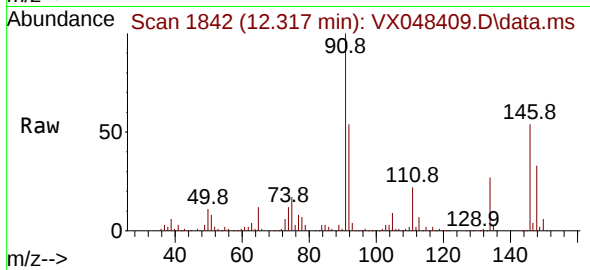
Tgt Ion:117 Resp: 25696
Ion Ratio Lower Upper
117 100
201 68.6 34.1 102.2





#91
1,2-Dichlorobenzene
Concen: 19.356 ug/l
RT: 12.317 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VX048409.D
Acq: 29 Oct 2025 12:01

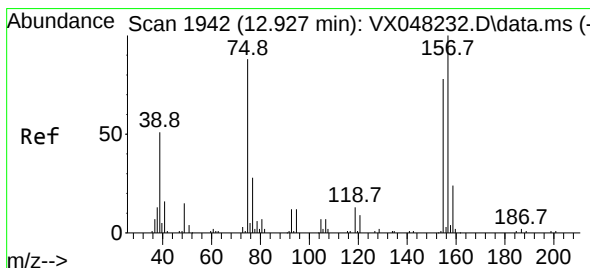
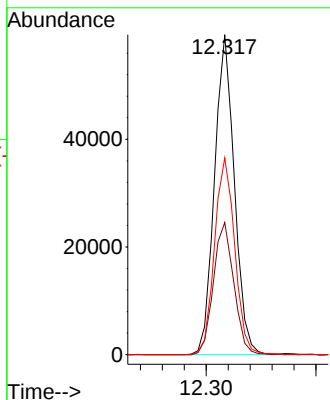
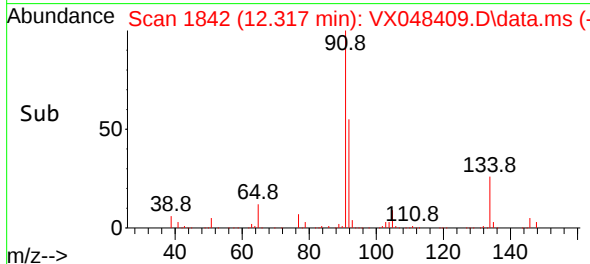
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



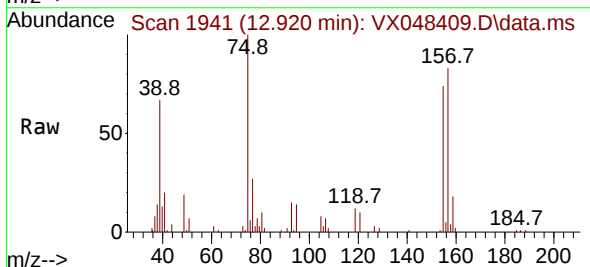
Tgt Ion:146 Resp: 74930
Ion Ratio Lower Upper
146 100
111 42.3 21.9 65.5
148 62.6 31.9 95.5

Manual Integrations
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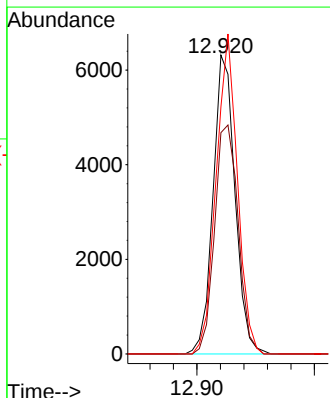
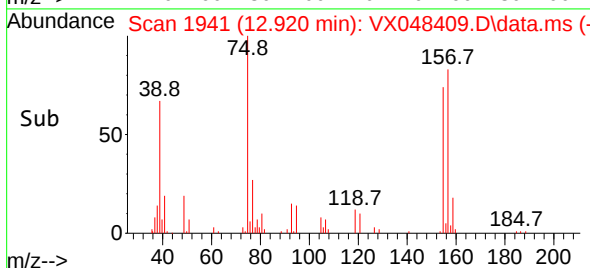
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025

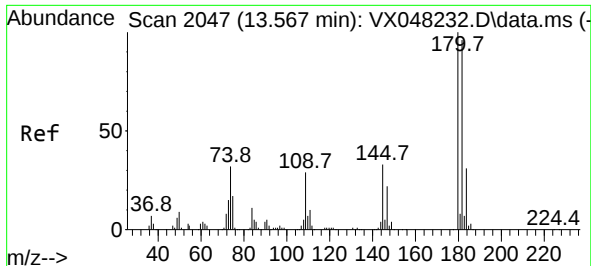


#92
1,2-Dibromo-3-Chloropropane
Concen: 18.693 ug/l
RT: 12.920 min Scan# 1941
Delta R.T. 0.000 min
Lab File: VX048409.D
Acq: 29 Oct 2025 12:01



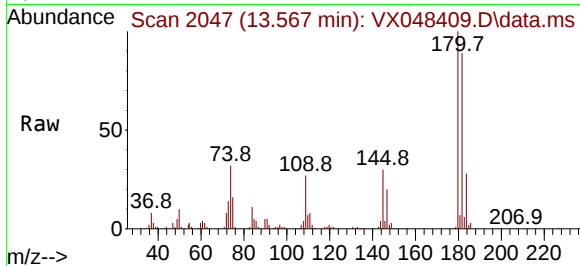
Tgt Ion: 75 Resp: 8210
Ion Ratio Lower Upper
75 100
155 82.2 42.8 128.4
157 103.7 54.2 162.6





#93
1,2,4-Trichlorobenzene
Concen: 18.742 ug/l
RT: 13.567 min Scan# 2047
Delta R.T. 0.000 min
Lab File: VX048409.D
Acq: 29 Oct 2025 12:01

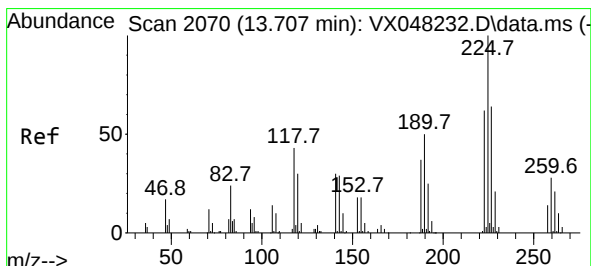
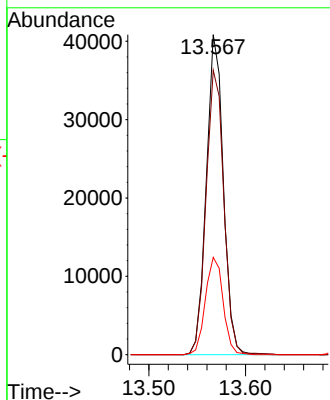
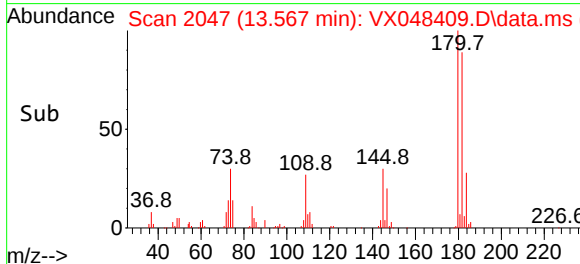
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



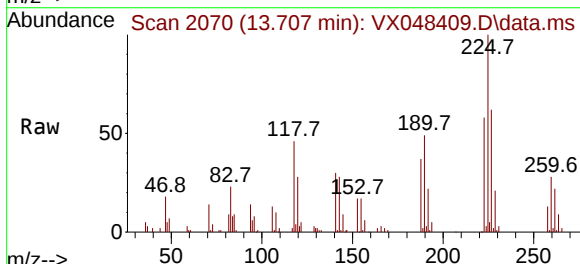
Tgt Ion:180 Resp: 50064
Ion Ratio Lower Upper
180 100
182 93.0 47.3 142.0
145 31.6 16.3 48.9

Manual Integrations
APPROVED

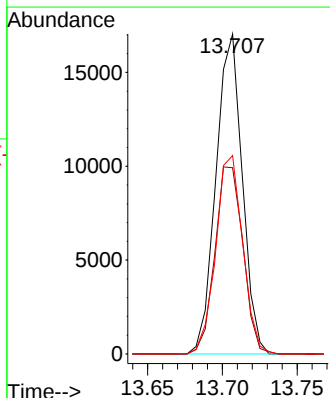
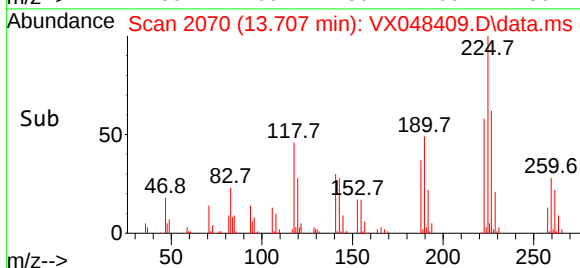
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025

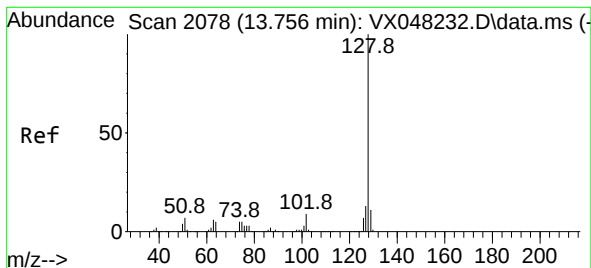


#94
Hexachlorobutadiene
Concen: 18.610 ug/l
RT: 13.707 min Scan# 2070
Delta R.T. 0.000 min
Lab File: VX048409.D
Acq: 29 Oct 2025 12:01



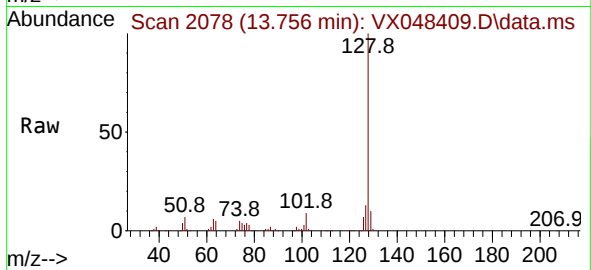
Tgt Ion:225 Resp: 20853
Ion Ratio Lower Upper
225 100
223 62.2 32.6 97.7
227 63.5 32.5 97.4





#95
Naphthalene
Concen: 18.777 ug/l
RT: 13.756 min Scan# 2078
Delta R.T. 0.000 min
Lab File: VX048409.D
Acq: 29 Oct 2025 12:01

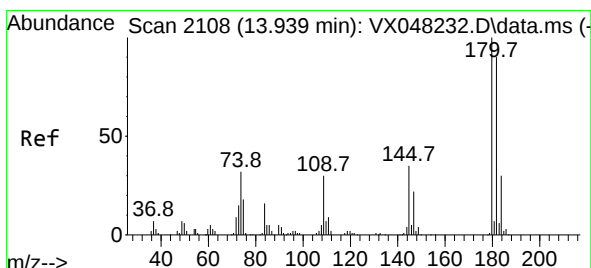
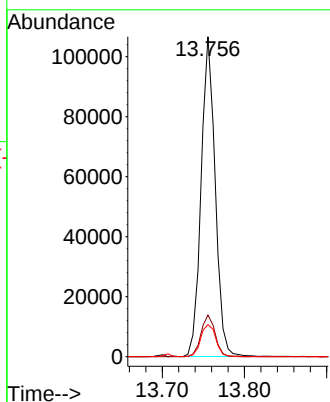
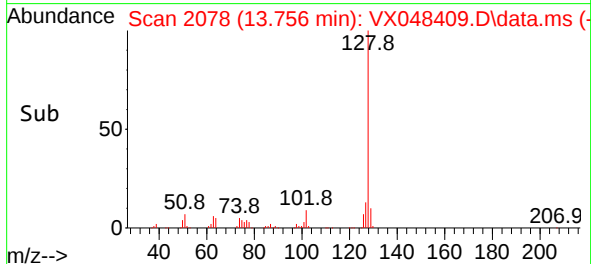
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



Tgt Ion:128 Resp: 12667
Ion Ratio Lower Upper
128 100
127 13.0 10.2 15.4
129 10.8 8.6 12.8

Manual Integrations
APPROVED

Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025



#96
1,2,3-Trichlorobenzene
Concen: 18.895 ug/l
RT: 13.938 min Scan# 2108
Delta R.T. 0.000 min
Lab File: VX048409.D
Acq: 29 Oct 2025 12:01

Tgt Ion:180 Resp: 45847
Ion Ratio Lower Upper
180 100
182 96.6 46.6 139.7
145 35.2 16.9 50.7

