

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050925\
 Data File : VX046123.D
 Acq On : 09 May 2025 18:20
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/12/2025
 Supervised By : Mahesh Dadoda 05/12/2025

Quant Time: May 09 23:18:50 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 06 07:12:22 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	86369	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	151916	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	135920	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	65357	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	81155	50.401	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 100.800%			
35) Dibromofluoromethane	5.379	113	56253	51.422	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.840%			
50) Toluene-d8	8.647	98	191357	50.539	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.080%			
62) 4-Bromofluorobenzene	11.079	95	76827	52.897	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 105.800%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	71510	54.095	ug/l	98
3) Chloromethane	1.307	50	69829	54.471	ug/l	97
4) Vinyl Chloride	1.374	62	62734	52.581	ug/l	98
5) Bromomethane	1.593	94	28770	51.990	ug/l	100
6) Chloroethane	1.666	64	34353	53.936	ug/l	98
7) Trichlorofluoromethane	1.873	101	93121	52.811	ug/l	99
8) Diethyl Ether	2.136	74	30652	51.065	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.319	101	55793	51.130	ug/l	99
10) Methyl Iodide	2.447	142	67910	52.595	ug/l	99
11) Tert butyl alcohol	2.977	59	60297	266.774	ug/l	100
12) 1,1-Dichloroethene	2.312	96	51511	50.298	ug/l	99
13) Acrolein	2.233	56	71170	276.491	ug/l	99
14) Allyl chloride	2.660	41	104966	53.628	ug/l	99
15) Acrylonitrile	3.062	53	171897	265.972	ug/l	98
16) Acetone	2.380	43	165445	256.260	ug/l	99
17) Carbon Disulfide	2.501	76	129522	53.346	ug/l	98
18) Methyl Acetate	2.703	43	80740	53.893	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	188632	52.536	ug/l	99
20) Methylene Chloride	2.782	84	61568	49.764	ug/l	98
21) trans-1,2-Dichloroethene	3.087	96	53843	52.279	ug/l	99
22) Diisopropyl ether	3.757	45	203591	53.849	ug/l	99
23) Vinyl Acetate	3.715	43	909332	273.457	ug/l	100
24) 1,1-Dichloroethane	3.605	63	110645	52.543	ug/l	98
25) 2-Butanone	4.556	43	250111	266.844	ug/l	100
26) 2,2-Dichloropropane	4.471	77	78571	47.670	ug/l	100
27) cis-1,2-Dichloroethene	4.483	96	64752	52.226	ug/l	98
28) Bromochloromethane	4.891	49	50553	49.873	ug/l	98
29) Tetrahydrofuran	5.001	42	159648	271.820	ug/l	98
30) Chloroform	5.086	83	116521	53.087	ug/l	97
31) Cyclohexane	5.464	56	99127	51.657	ug/l	97
32) 1,1,1-Trichloroethane	5.379	97	101137	53.156	ug/l	98
36) 1,1-Dichloropropene	5.690	75	76031	51.727	ug/l	99
37) Ethyl Acetate	4.708	43	95776	52.741	ug/l	99
38) Carbon Tetrachloride	5.665	117	86723	52.512	ug/l	99
39) Methylcyclohexane	7.372	83	95217	50.318	ug/l	95
40) Benzene	6.031	78	226411	52.589	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	53675	56.502	ug/l	99
42) 1,2-Dichloroethane	6.080	62	96874	52.135	ug/l	100
43) Isopropyl Acetate	6.336	43	149148	53.836	ug/l	99
44) Trichloroethene	7.123	130	52399	50.568	ug/l	98
45) 1,2-Dichloropropane	7.427	63	57267	53.494	ug/l	97
46) Dibromomethane	7.580	93	43909	52.004	ug/l	99
47) Bromodichloromethane	7.818	83	89366	53.738	ug/l	99
48) Methyl methacrylate	7.690	41	79016	55.847	ug/l	98
49) 1,4-Dioxane	7.659	88	29215	1087.497	ug/l	97
51) 4-Methyl-2-Pentanone	8.573	43	507394	275.915	ug/l	99
52) Toluene	8.714	92	139354	52.787	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	79588	53.843	ug/l	98
54) cis-1,3-Dichloropropene	8.360	75	88388	54.102	ug/l	97
55) 1,1,2-Trichloroethane	9.147	97	55400	53.221	ug/l	95
56) Ethyl methacrylate	9.116	69	93643	56.444	ug/l	98
57) 1,3-Dichloropropane	9.305	76	96580	51.663	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	229759	271.647	ug/l	100
59) 2-Hexanone	9.427	43	380001	279.306	ug/l	99
60) Dibromochloromethane	9.518	129	62410	54.593	ug/l	99
61) 1,2-Dibromoethane	9.604	107	57792	53.417	ug/l	98
64) Tetrachloroethene	9.268	164	46630	48.487	ug/l	95
65) Chlorobenzene	10.073	112	149515	50.258	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	52599	51.778	ug/l	99
67) Ethyl Benzene	10.189	91	275678	52.570	ug/l	99
68) m/p-Xylenes	10.299	106	201287	104.948	ug/l	99
69) o-Xylene	10.640	106	98008	52.415	ug/l	96
70) Styrene	10.652	104	168044	54.862	ug/l	100
71) Bromoform	10.799	173	40150	52.643	ug/l #	97
73) Isopropylbenzene	10.957	105	265202	52.121	ug/l	100
74) N-amyl acetate	10.841	43	133744	53.193	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.207	83	88244	49.489	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	78794m	50.086	ug/l	
77) Bromobenzene	11.195	156	59741	50.572	ug/l	99
78) n-propylbenzene	11.299	91	308820	52.198	ug/l	100
79) 2-Chlorotoluene	11.360	91	191299	50.130	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	226060	53.180	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	22803	47.191	ug/l	97
82) 4-Chlorotoluene	11.451	91	220839	52.185	ug/l	99
83) tert-Butylbenzene	11.713	119	222889	52.055	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	227768	52.911	ug/l	99
85) sec-Butylbenzene	11.890	105	275649	52.431	ug/l	100
86) p-Isopropyltoluene	12.006	119	230191	53.044	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	110608	51.304	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	111535	50.657	ug/l	100
89) n-Butylbenzene	12.329	91	203551	53.474	ug/l	99
90) Hexachloroethane	12.536	117	38841	50.804	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	111853	51.702	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	20981	53.115	ug/l	97
93) 1,2,4-Trichlorobenzene	13.585	180	62420	50.234	ug/l	99
94) Hexachlorobutadiene	13.725	225	27322	50.345	ug/l	100
95) Naphthalene	13.774	128	231130	50.715	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	64910	50.626	ug/l	100

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Response via : Initial Calibration

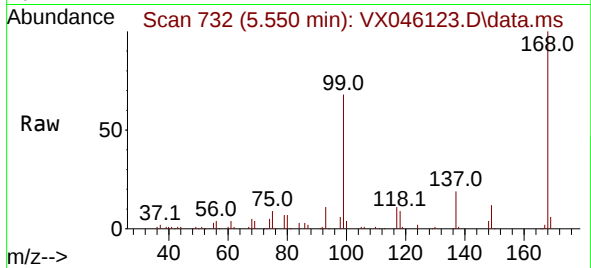
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
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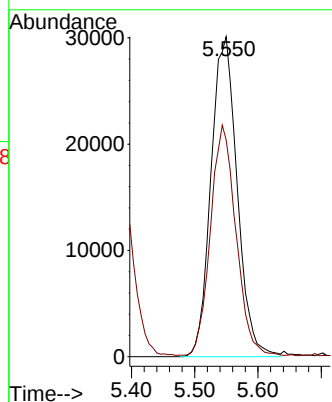
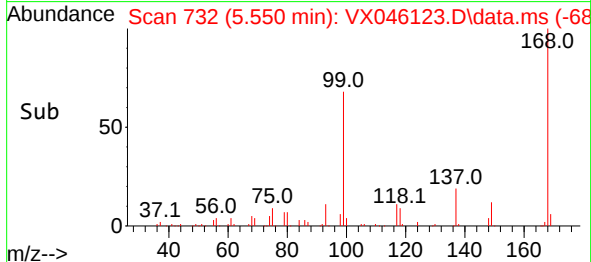
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 86369
Ion Ratio Lower Upper
168 100
99 67.3 54.9 82.3

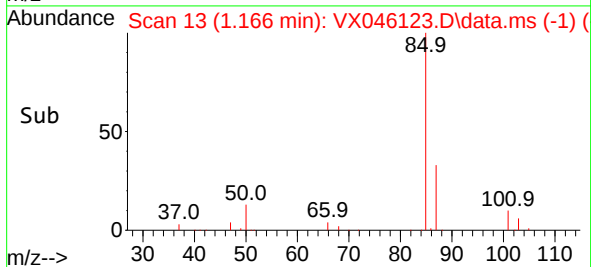
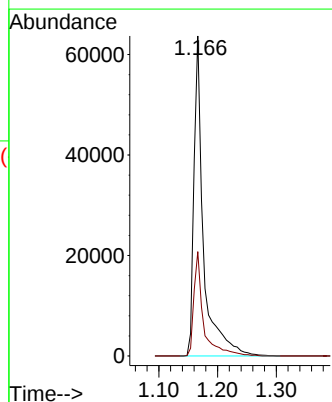
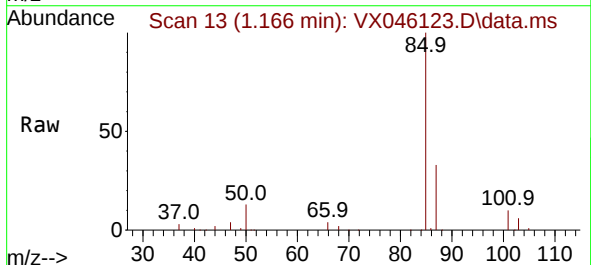
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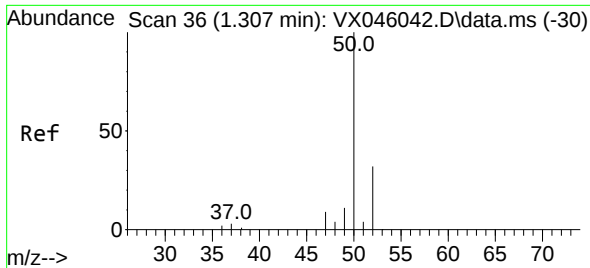
Reviewed By :John Carlone 05/12/2025
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#2
Dichlorodifluoromethane
Concen: 54.095 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX046123.D
Acq: 09 May 2025 18:20

Tgt Ion: 85 Resp: 71510
Ion Ratio Lower Upper
85 100
87 32.6 15.7 47.1





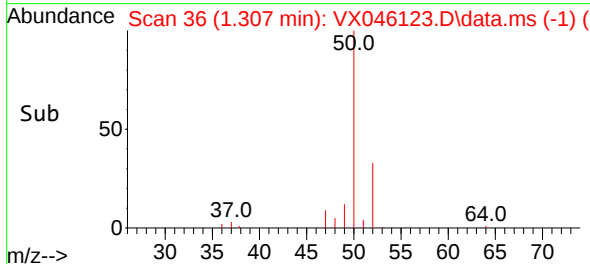
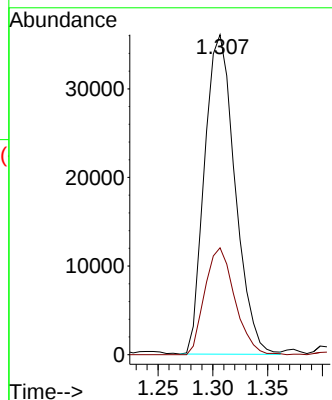
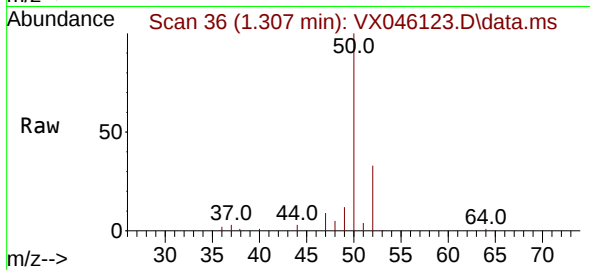
#3
Chloromethane
Concen: 54.471 ug/l
RT: 1.307 min Scan# 30
Delta R.T. -0.000 min
Lab File: VX046123.D
Acq: 09 May 2025 18:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 50 Resp: 69829
Ion Ratio Lower Upper
50 100
52 33.5 25.4 38.2

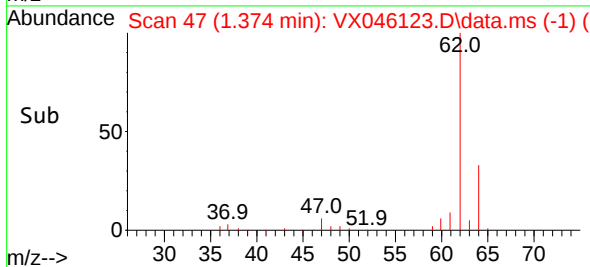
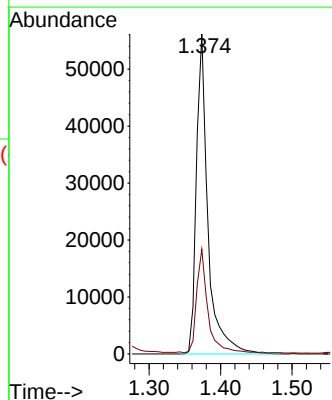
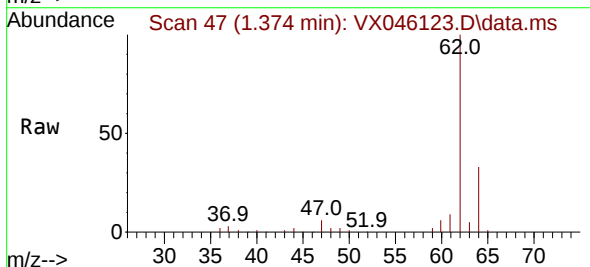
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#4
Vinyl Chloride
Concen: 52.581 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX046123.D
Acq: 09 May 2025 18:20

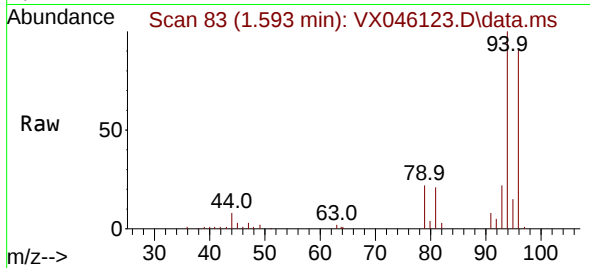
Tgt Ion: 62 Resp: 62734
Ion Ratio Lower Upper
62 100
64 32.4 25.2 37.8





#5
Bromomethane
Concen: 51.990 ug/l
RT: 1.593 min Scan# 83
Delta R.T. -0.000 min
Lab File: VX046123.D
Acq: 09 May 2025 18:20

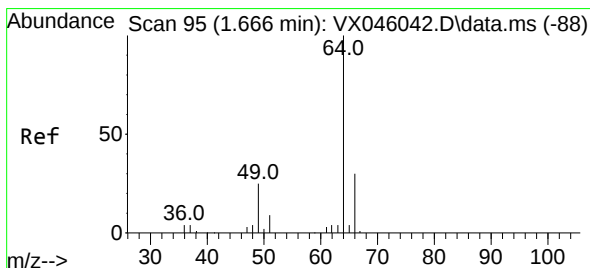
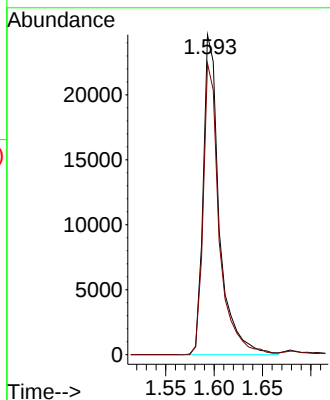
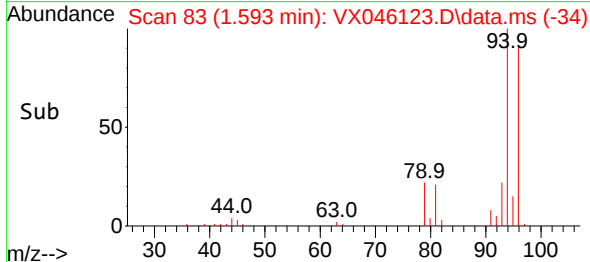
Instrument :
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Tgt Ion: 94 Resp: 28770
Ion Ratio Lower Upper
94 100
96 91.0 72.8 109.2

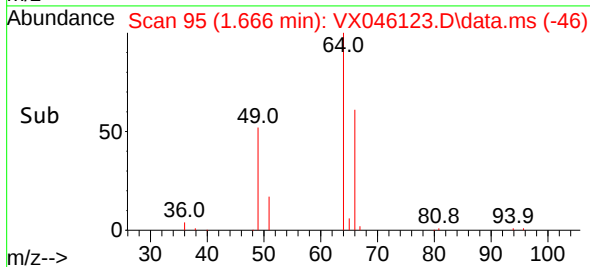
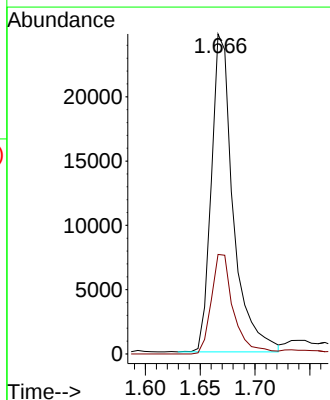
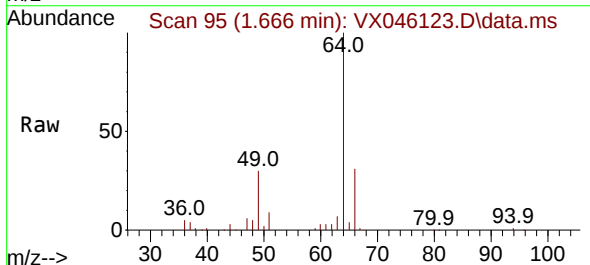
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#6
Chloroethane
Concen: 53.936 ug/l
RT: 1.666 min Scan# 95
Delta R.T. -0.000 min
Lab File: VX046123.D
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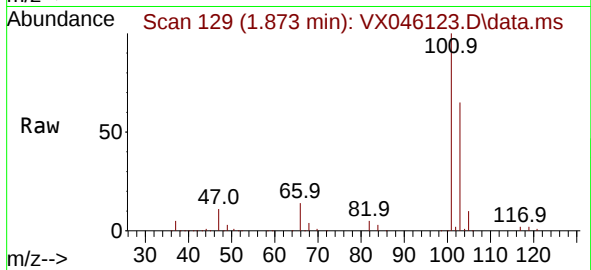
Tgt Ion: 64 Resp: 34353
Ion Ratio Lower Upper
64 100
66 31.3 24.3 36.5





#7
Trichlorofluoromethane
Concen: 52.811 ug/l
RT: 1.873 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046123.D
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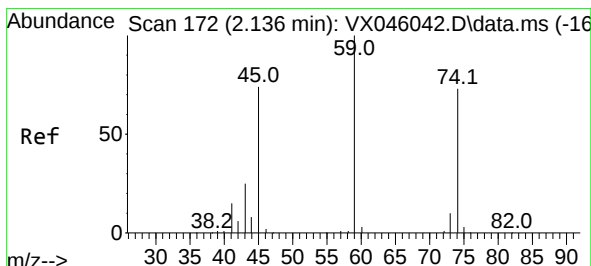
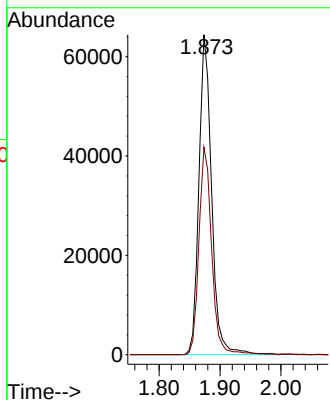
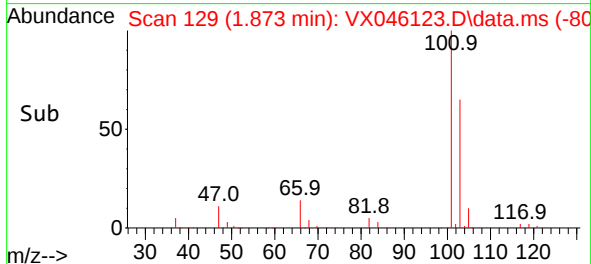
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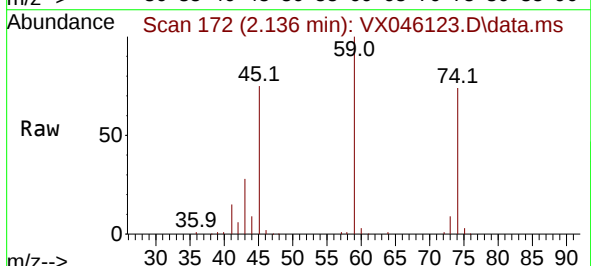
Tgt Ion:101 Resp: 9312
Ion Ratio Lower Upper
101 100
103 64.8 51.0 76.4

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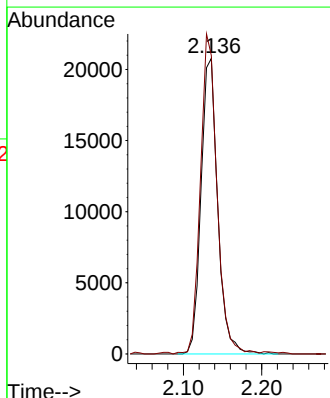
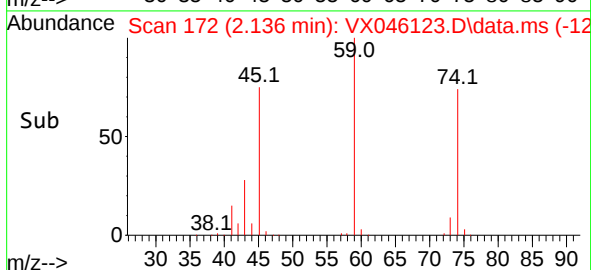
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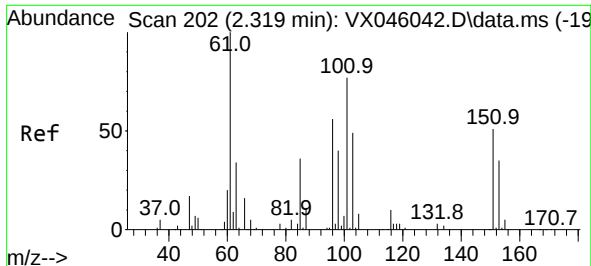


#8
Diethyl Ether
Concen: 51.065 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX046123.D
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Tgt Ion: 74 Resp: 30652
Ion Ratio Lower Upper
74 100
45 107.8 54.9 164.8





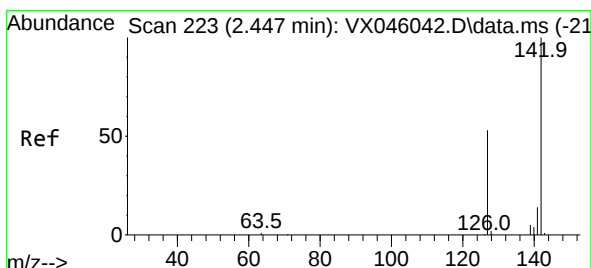
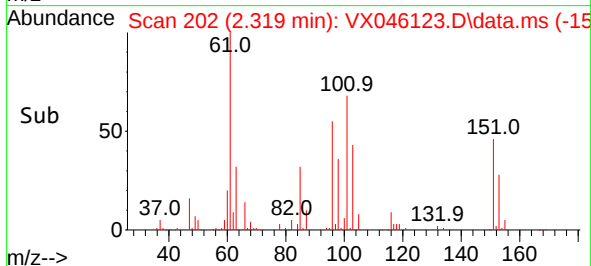
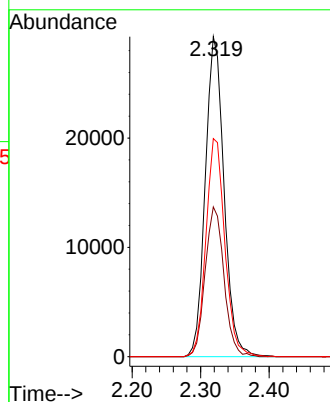
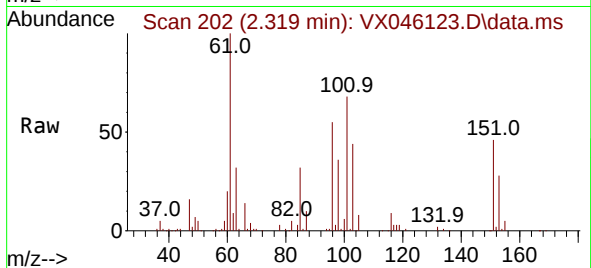
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1,1,2-Trichlorotrifluoroethane
Concen: 51.130 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
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Tgt Ion:101 Resp: 5579
Ion Ratio Lower Upper
101 100
85 47.0 38.6 58.0
151 68.9 55.2 82.8

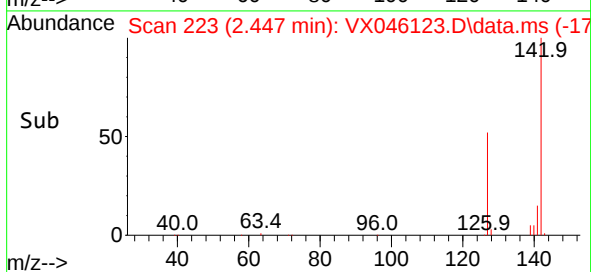
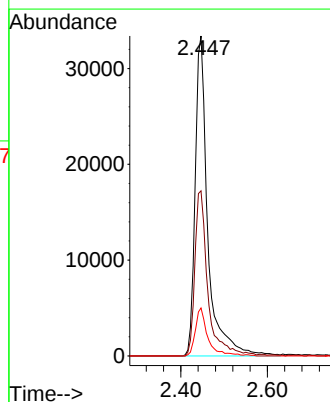
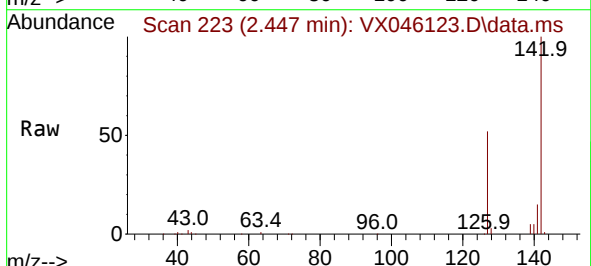
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Supervised By :Mahesh Dadoda 05/12/2025



#10
Methyl Iodide
Concen: 52.595 ug/l
RT: 2.447 min Scan# 223
Delta R.T. -0.000 min
Lab File: VX046123.D
Acq: 09 May 2025 18:20

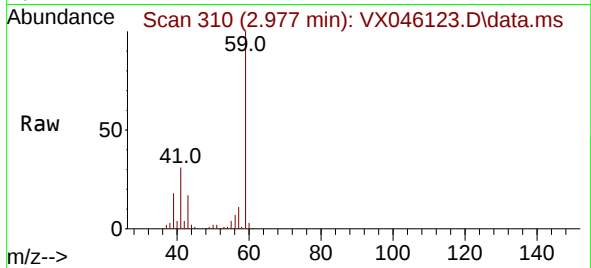
Tgt Ion:142 Resp: 67910
Ion Ratio Lower Upper
142 100
127 53.0 41.7 62.5
141 14.7 11.5 17.3





#11
Tert butyl alcohol
Concen: 266.774 ug/l
RT: 2.977 min Scan# 310
Delta R.T. -0.000 min
Lab File: VX046123.D
Acq: 09 May 2025 18:20

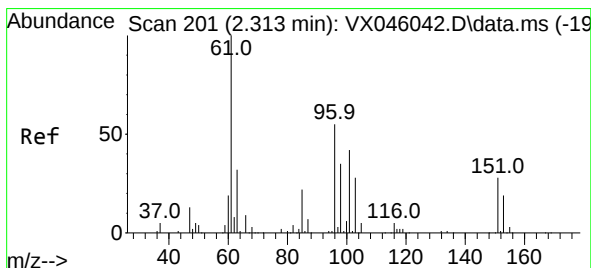
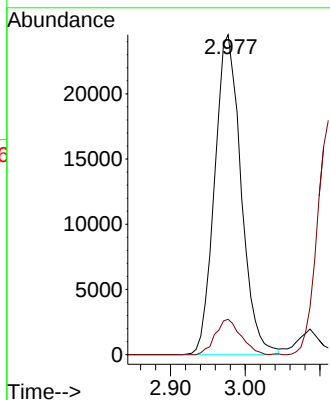
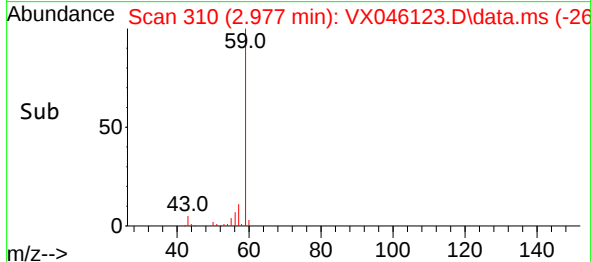
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



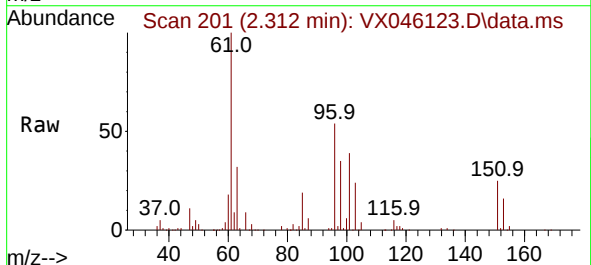
Tgt Ion: 59 Resp: 6029
Ion Ratio Lower Upper
59 100
57 10.7 8.6 12.8

Manual Integrations
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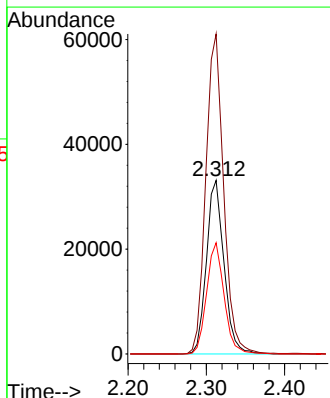
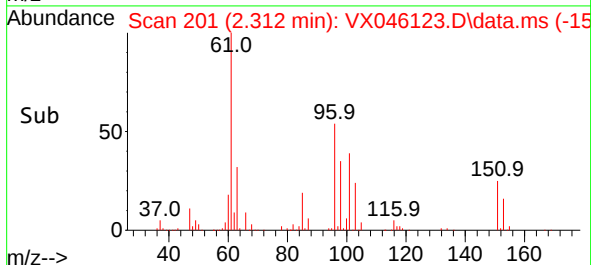
Reviewed By :John Carlone 05/12/2025
Supervised By :Mahesh Dadoda 05/12/2025

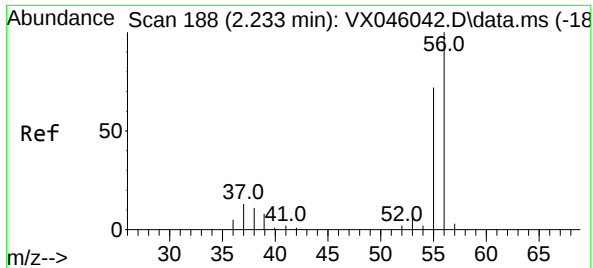


#12
1,1-Dichloroethene
Concen: 50.298 ug/l
RT: 2.312 min Scan# 201
Delta R.T. -0.000 min
Lab File: VX046123.D
Acq: 09 May 2025 18:20



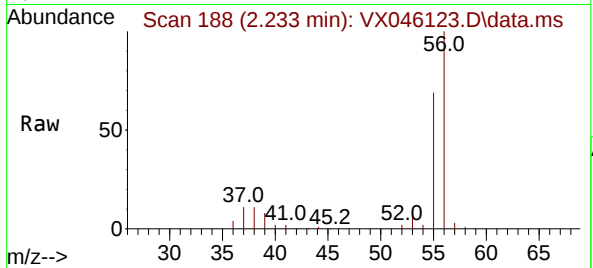
Tgt Ion: 96 Resp: 51511
Ion Ratio Lower Upper
96 100
61 184.4 146.2 219.2
98 64.0 51.0 76.6





#13
Acrolein
Concen: 276.491 ug/l
RT: 2.233 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046123.D
Acq: 09 May 2025 18:20

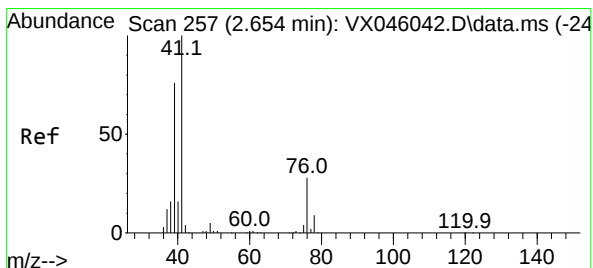
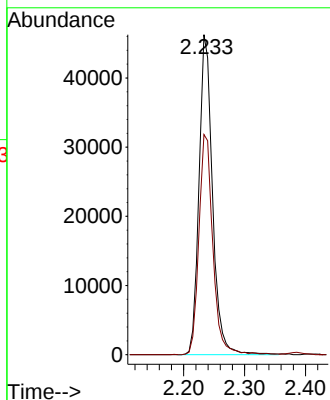
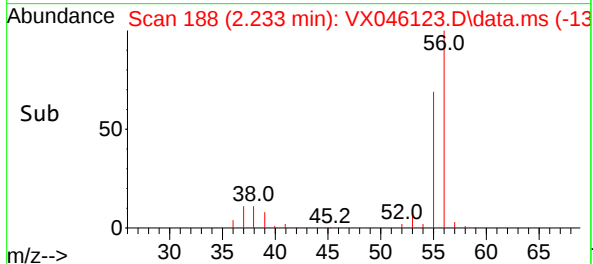
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 71170
Ion Ratio Lower Upper
56 100
55 71.5 56.2 84.4

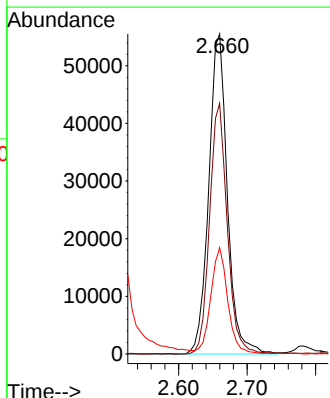
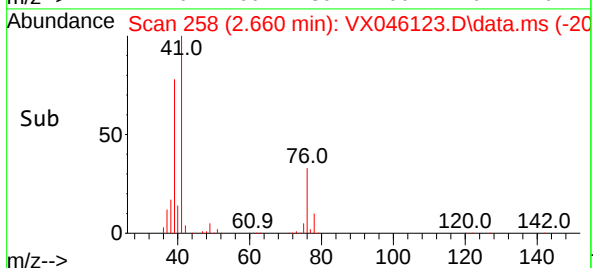
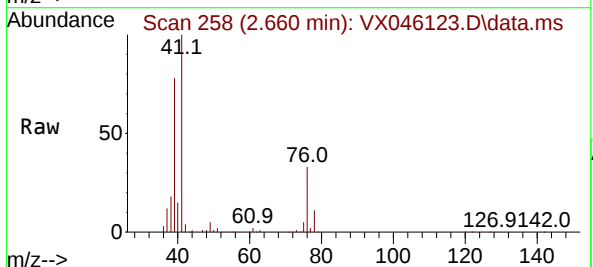
Manual Integrations
APPROVED

Reviewed By :John Carlone 05/12/2025
Supervised By :Mahesh Dadoda 05/12/2025



#14
Allyl chloride
Concen: 53.628 ug/l
RT: 2.660 min Scan# 258
Delta R.T. 0.006 min
Lab File: VX046123.D
Acq: 09 May 2025 18:20

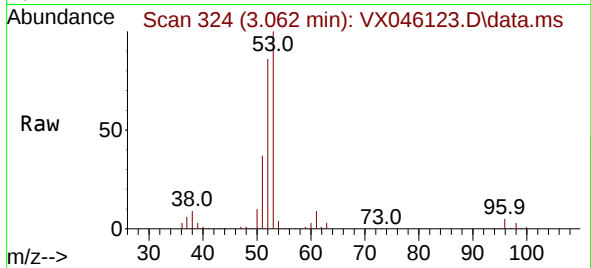
Tgt Ion: 41 Resp: 104966
Ion Ratio Lower Upper
41 100
39 74.4 60.6 90.8
76 30.3 24.9 37.3





#15
Acrylonitrile
Concen: 265.972 ug/l
RT: 3.062 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX046123.D
Acq: 09 May 2025 18:20

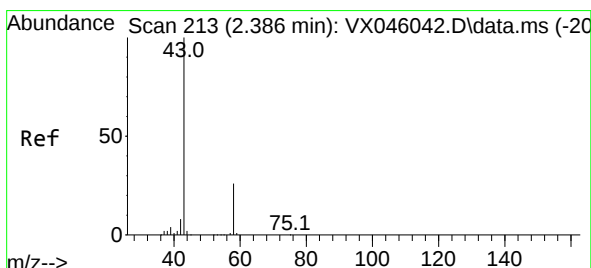
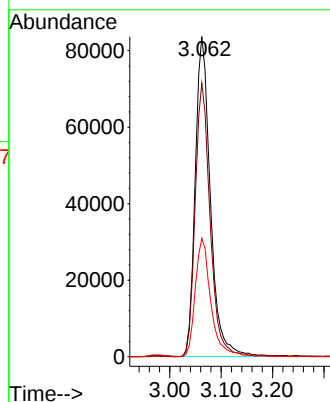
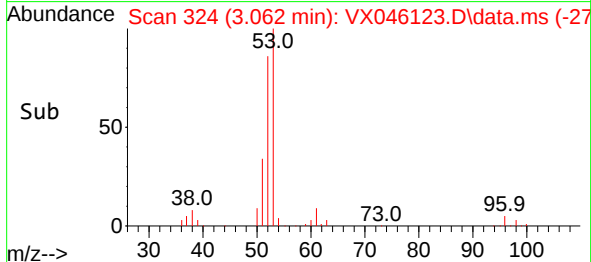
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 17189
Ion Ratio Lower Upper
53 100
52 84.0 65.3 97.9
51 38.0 29.8 44.8

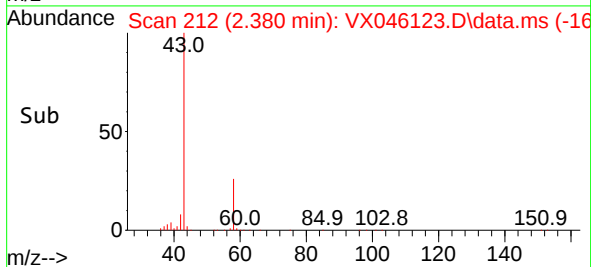
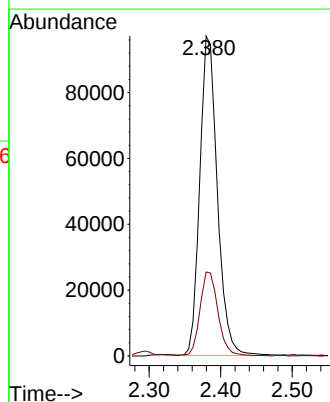
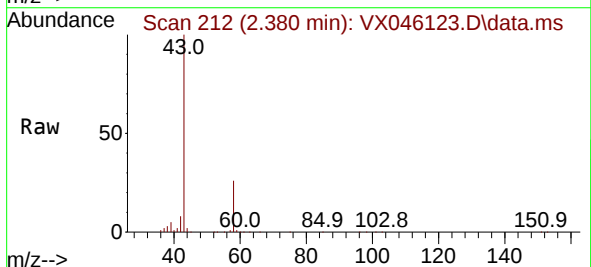
Manual Integrations
APPROVED

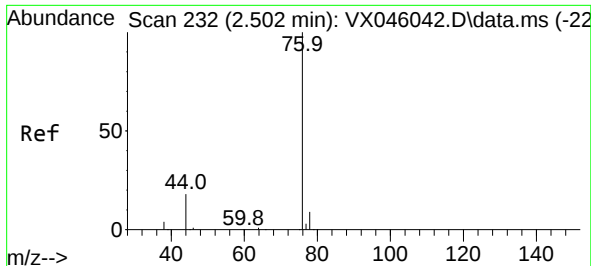
Reviewed By :John Carlone 05/12/2025
Supervised By :Mahesh Dadoda 05/12/2025



#16
Acetone
Concen: 256.260 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX046123.D
Acq: 09 May 2025 18:20

Tgt Ion: 43 Resp: 165445
Ion Ratio Lower Upper
43 100
58 26.2 21.2 31.8





#17

Carbon Disulfide

Concen: 53.346 ug/l

RT: 2.501 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX046123.D

Acq: 09 May 2025 18:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 12952

Ion Ratio Lower Upper

76 100

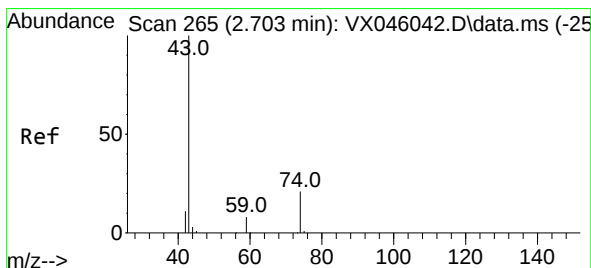
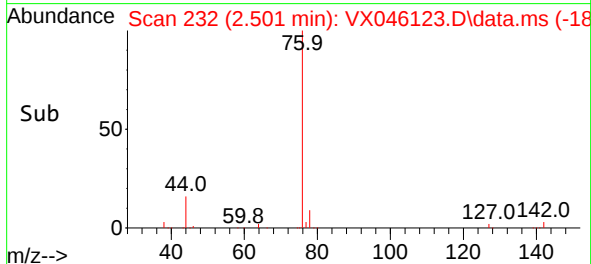
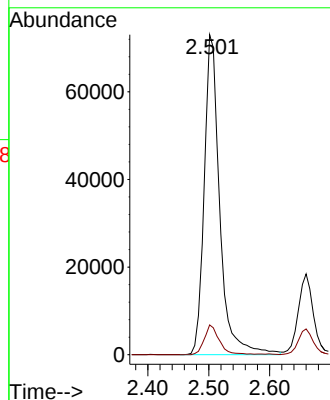
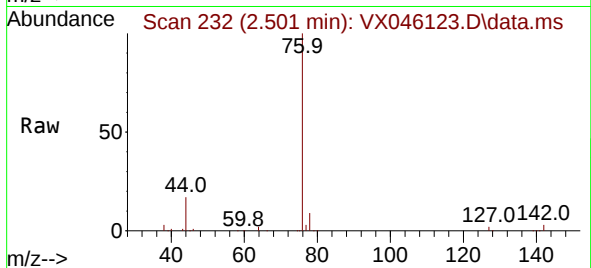
78 9.3 7.0 10.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/12/2025

Supervised By :Mahesh Dadoda 05/12/2025



#18

Methyl Acetate

Concen: 53.893 ug/l

RT: 2.703 min Scan# 265

Delta R.T. -0.000 min

Lab File: VX046123.D

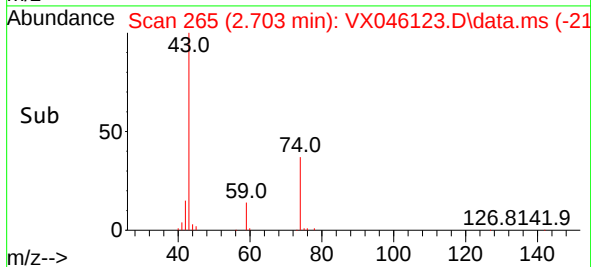
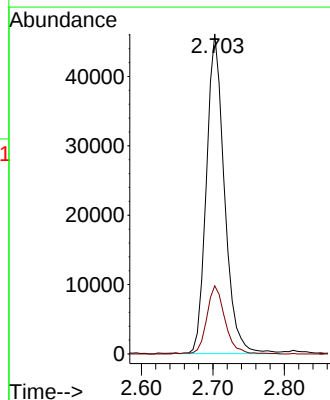
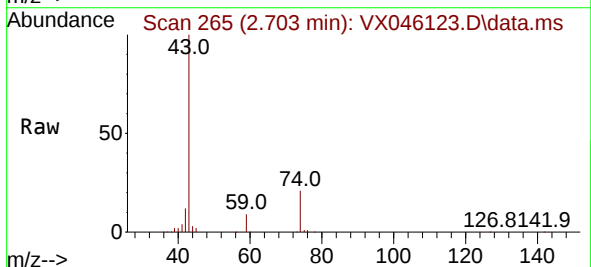
Acq: 09 May 2025 18:20

Tgt Ion: 43 Resp: 80740

Ion Ratio Lower Upper

43 100

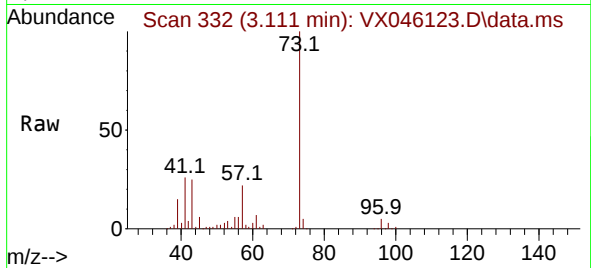
74 21.6 16.7 25.1





#19
Methyl tert-butyl Ether
Concen: 52.536 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.000 min
Lab File: VX046123.D
Acq: 09 May 2025 18:20

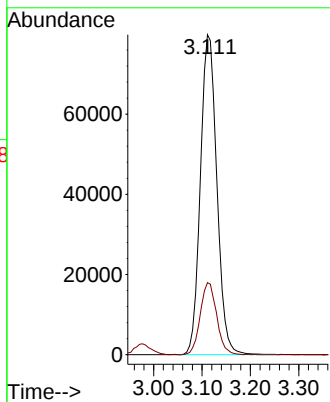
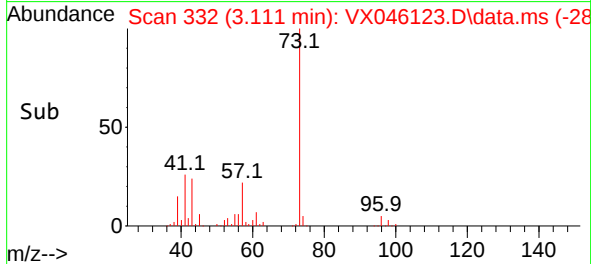
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 73 Resp: 188632
Ion Ratio Lower Upper
73 100
57 22.5 17.7 26.5

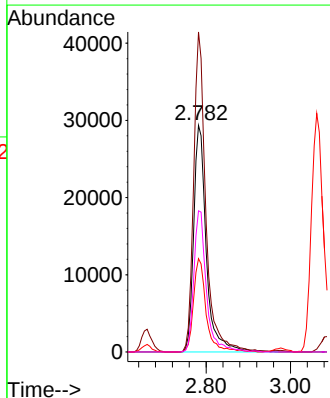
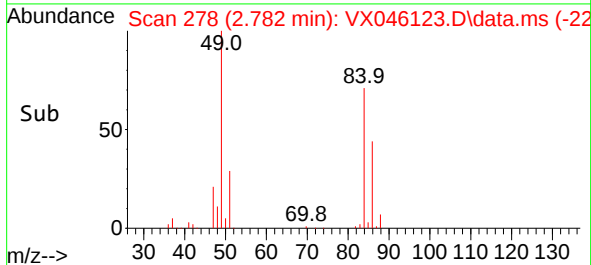
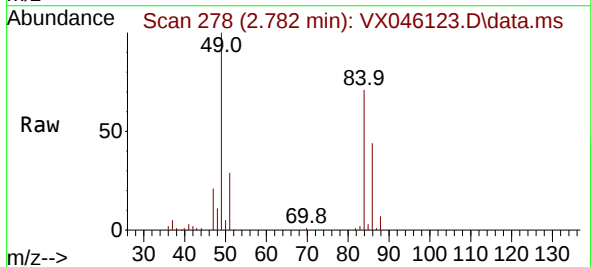
Manual Integrations
APPROVED

Reviewed By :John Carlone 05/12/2025
Supervised By :Mahesh Dadoda 05/12/2025



#20
Methylene Chloride
Concen: 49.764 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.000 min
Lab File: VX046123.D
Acq: 09 May 2025 18:20

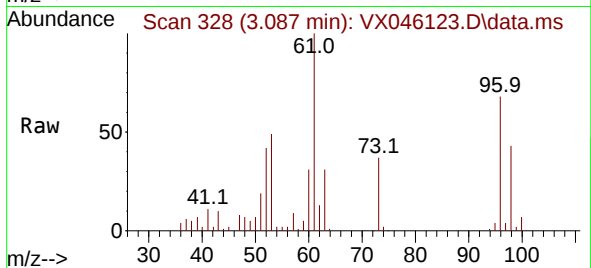
Tgt Ion: 84 Resp: 61568
Ion Ratio Lower Upper
84 100
49 141.2 113.9 170.9
51 41.2 33.5 50.3
86 62.3 53.8 80.8





#21
trans-1,2-Dichloroethene
Concen: 52.279 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX046123.D
Acq: 09 May 2025 18:20

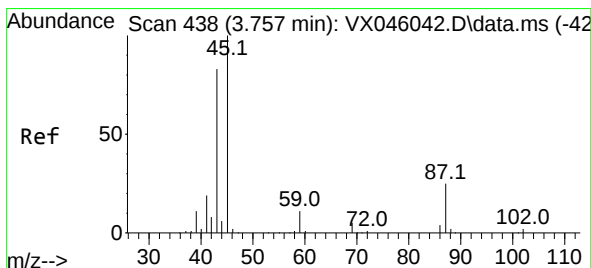
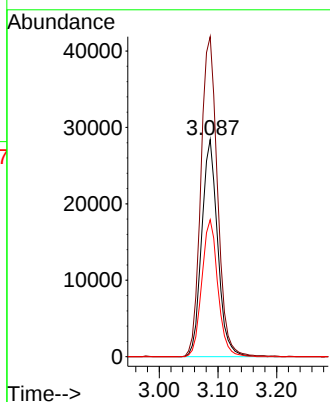
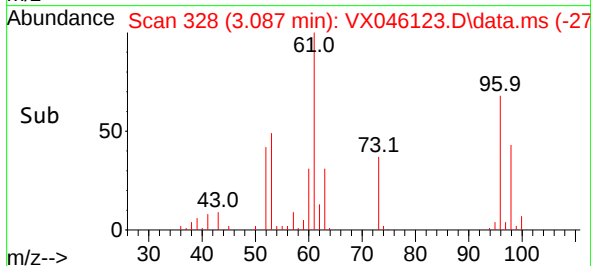
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



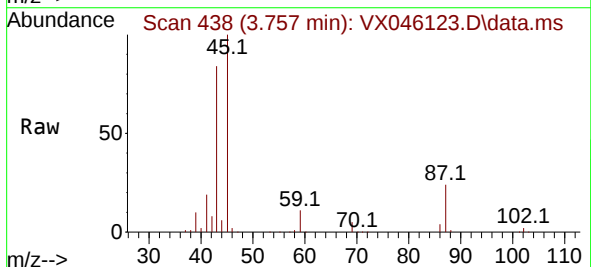
Tgt Ion: 96 Resp: 5384
Ion Ratio Lower Upper
96 100
61 147.4 119.5 179.3
98 63.1 50.0 75.0

Manual Integrations
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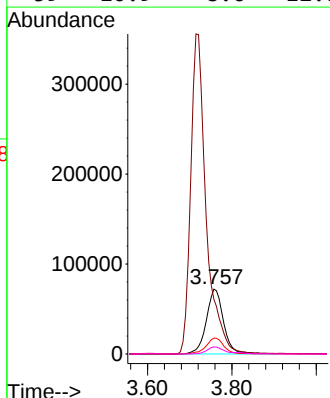
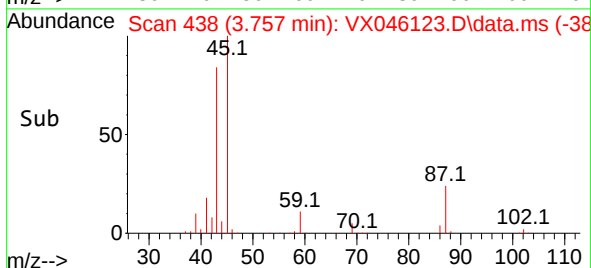
Reviewed By :John Carlone 05/12/2025
Supervised By :Mahesh Dadoda 05/12/2025



#22
Diisopropyl ether
Concen: 53.849 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.000 min
Lab File: VX046123.D
Acq: 09 May 2025 18:20



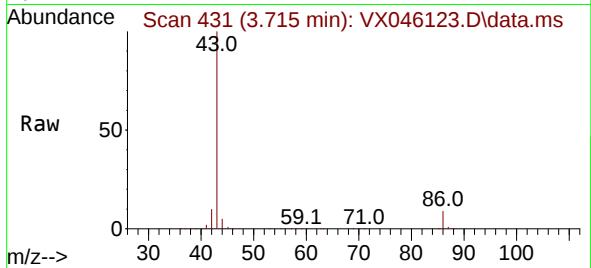
Tgt Ion: 45 Resp: 203591
Ion Ratio Lower Upper
45 100
43 84.0 66.6 100.0
87 24.4 19.8 29.6
59 10.9 8.6 12.8





#23
 Vinyl Acetate
 Concen: 273.457 ug/l
 RT: 3.715 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: VX046123.D
 Acq: 09 May 2025 18:20

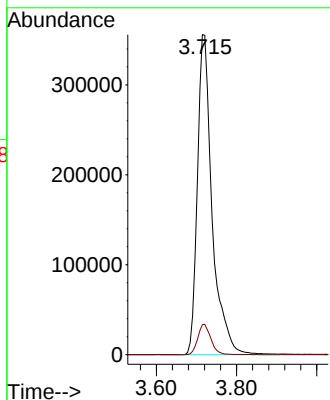
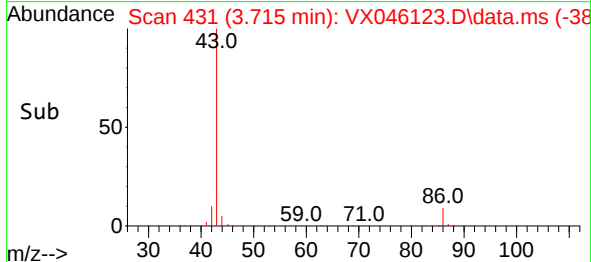
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



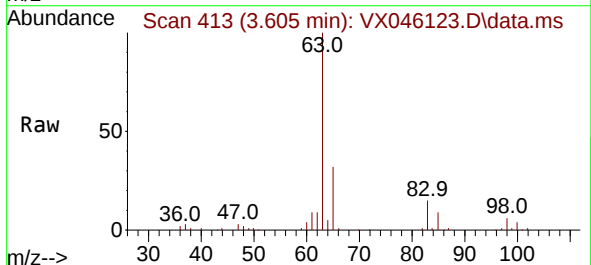
Tgt Ion: 43 Resp: 90933
 Ion Ratio Lower Upper
 43 100
 86 9.4 7.5 11.3

Manual Integrations
 APPROVED

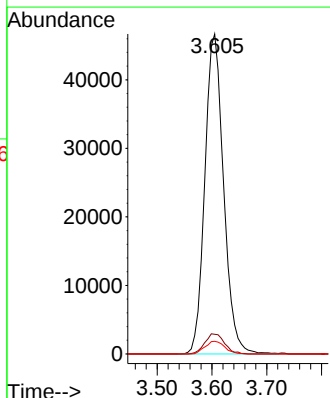
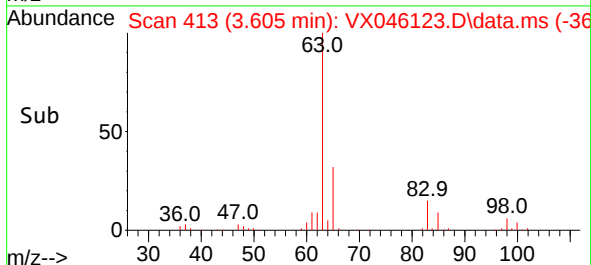
Reviewed By :John Carlone 05/12/2025
 Supervised By :Mahesh Dadoda 05/12/2025

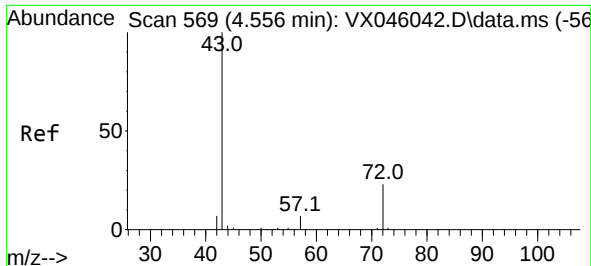


#24
 1,1-Dichloroethane
 Concen: 52.543 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.000 min
 Lab File: VX046123.D
 Acq: 09 May 2025 18:20



Tgt Ion: 63 Resp: 110645
 Ion Ratio Lower Upper
 63 100
 98 6.1 3.6 10.8
 100 3.9 2.1 6.3





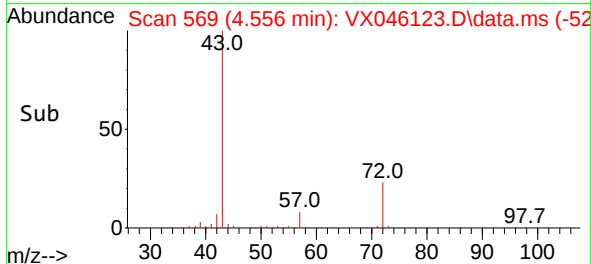
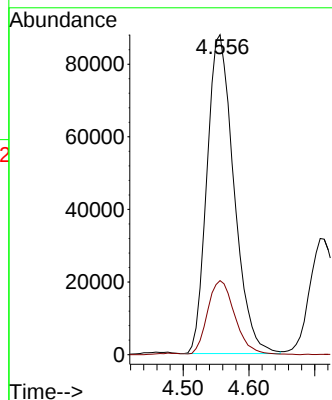
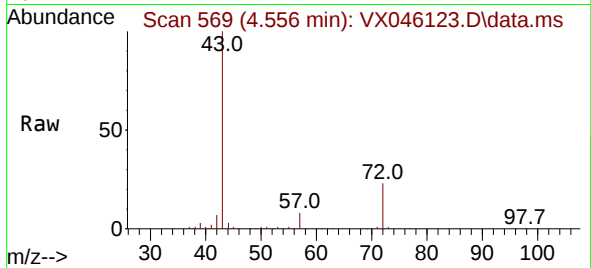
#25
2-Butanone
Concen: 266.844 ug/l
RT: 4.556 min Scan# 569
Delta R.T. -0.000 min
Lab File: VX046123.D
Acq: 09 May 2025 18:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 25011
Ion Ratio Lower Upper
43 100
72 23.0 18.4 27.6

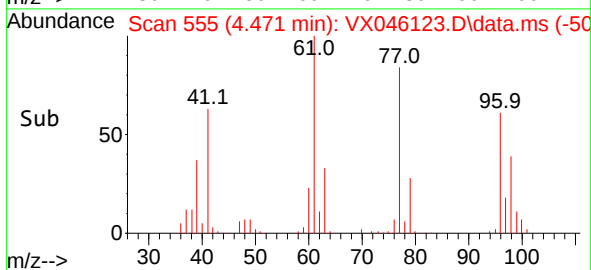
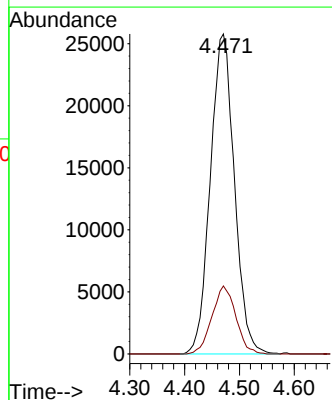
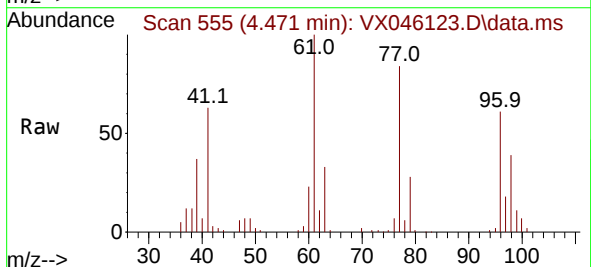
Manual Integrations
APPROVED

Reviewed By :John Carlone 05/12/2025
Supervised By :Mahesh Dadoda 05/12/2025



#26
2,2-Dichloropropane
Concen: 47.670 ug/l
RT: 4.471 min Scan# 555
Delta R.T. 0.006 min
Lab File: VX046123.D
Acq: 09 May 2025 18:20

Tgt Ion: 77 Resp: 78571
Ion Ratio Lower Upper
77 100
97 21.1 10.5 31.5





#27

cis-1,2-Dichloroethene

Concen: 52.226 ug/l

RT: 4.483 min Scan# 557

Delta R.T. -0.000 min

Lab File: VX046123.D

Acq: 09 May 2025 18:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 96 Resp: 64752

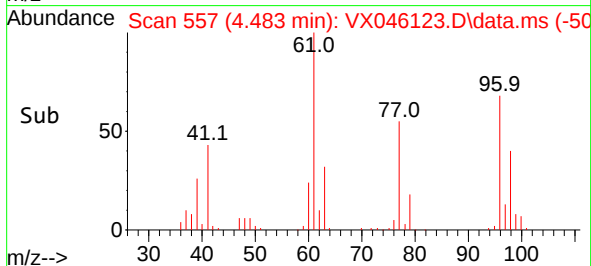
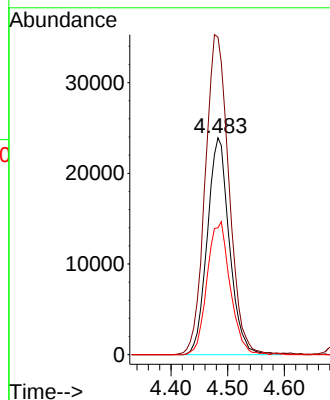
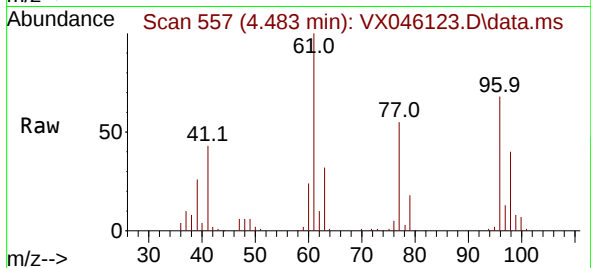
Ion	Ratio	Lower	Upper
96	100		
61	158.6	0.0	322.8
98	63.7	0.0	129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/12/2025

Supervised By :Mahesh Dadoda 05/12/2025



#28

Bromochloromethane

Concen: 49.873 ug/l

RT: 4.891 min Scan# 624

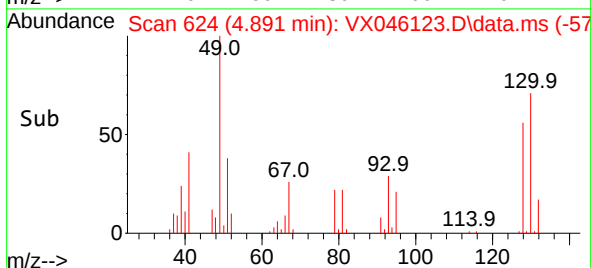
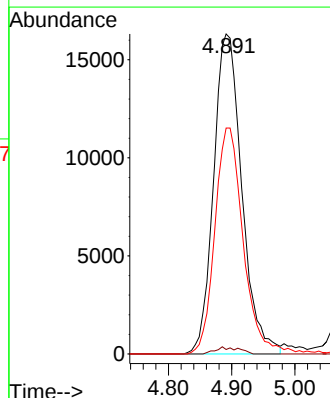
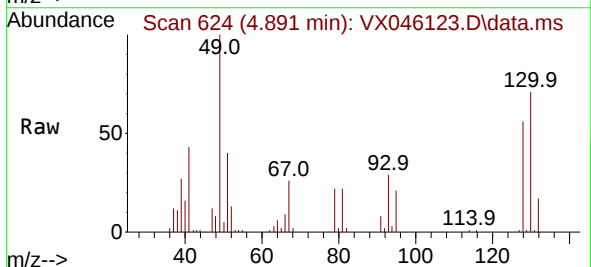
Delta R.T. -0.006 min

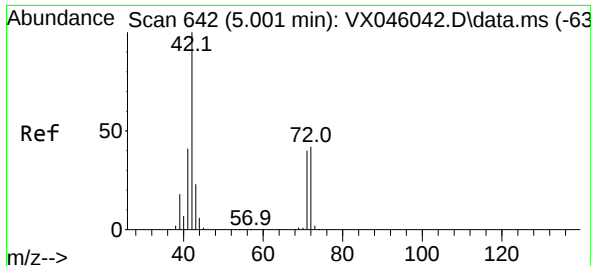
Lab File: VX046123.D

Acq: 09 May 2025 18:20

Tgt Ion: 49 Resp: 50553

Ion	Ratio	Lower	Upper
49	100		
129	1.8	0.0	4.0
130	71.5	56.2	84.2





#29

Tetrahydrofuran

Concen: 271.820 ug/l

RT: 5.001 min Scan# 642

Delta R.T. -0.000 min

Lab File: VX046123.D

Acq: 09 May 2025 18:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 159648

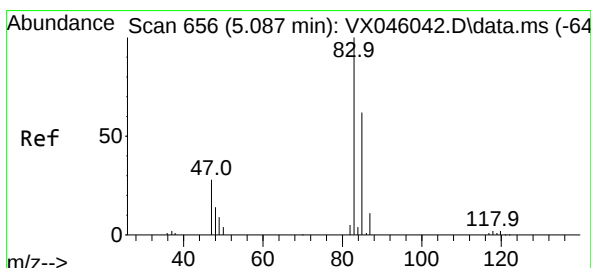
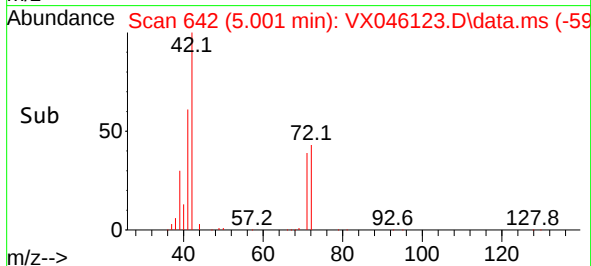
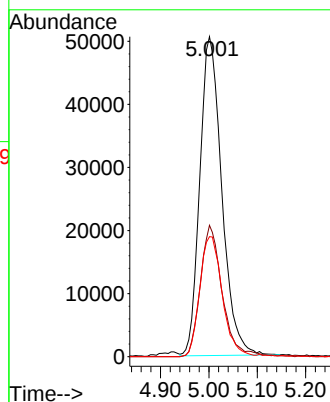
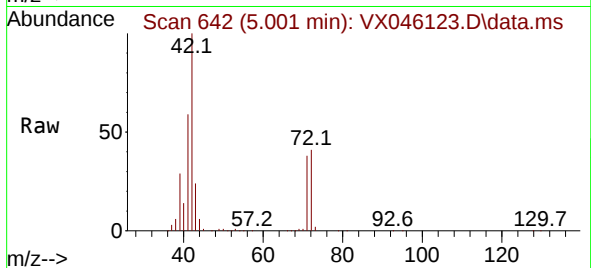
Ion	Ratio	Lower	Upper
42	100		
72	40.8	33.7	50.5
71	38.5	31.4	47.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/12/2025

Supervised By :Mahesh Dadoda 05/12/2025



#30

Chloroform

Concen: 53.087 ug/l

RT: 5.086 min Scan# 656

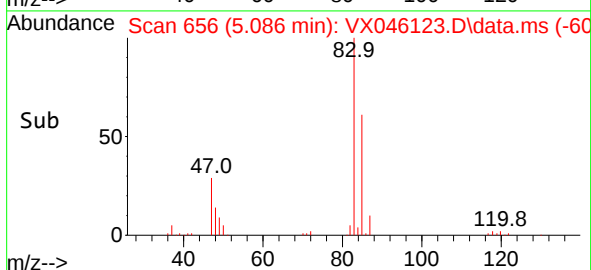
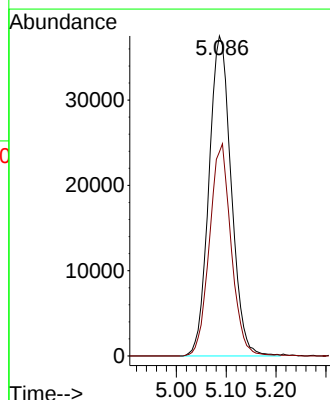
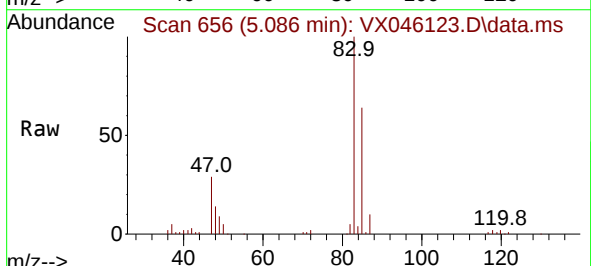
Delta R.T. -0.000 min

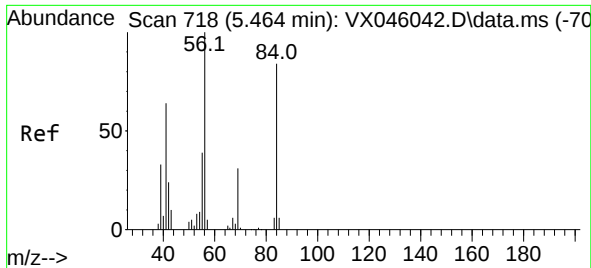
Lab File: VX046123.D

Acq: 09 May 2025 18:20

Tgt Ion: 83 Resp: 116521

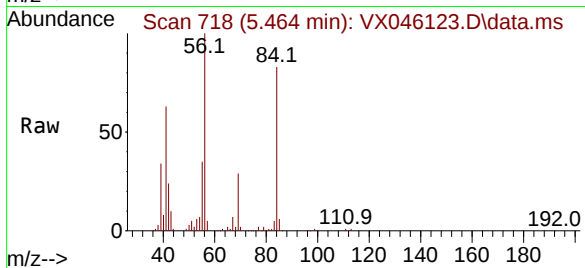
Ion	Ratio	Lower	Upper
83	100		
85	63.8	49.3	73.9





#31
Cyclohexane
Concen: 51.657 ug/l
RT: 5.464 min Scan# 718
Delta R.T. -0.000 min
Lab File: VX046123.D
Acq: 09 May 2025 18:20

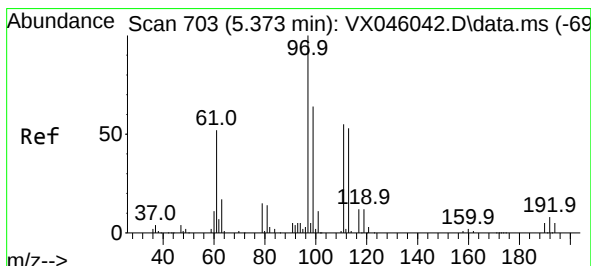
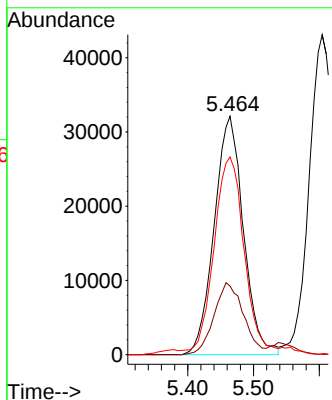
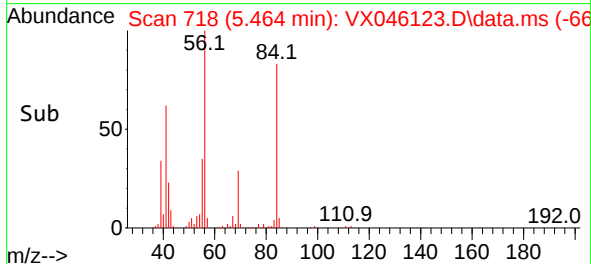
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



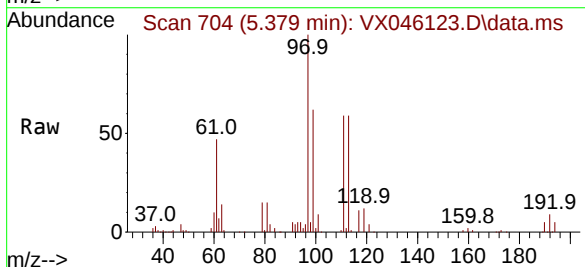
Tgt Ion: 56 Resp: 9912
Ion Ratio Lower Upper
56 100
69 28.8 24.4 36.6
84 81.2 66.9 100.3

Manual Integrations
APPROVED

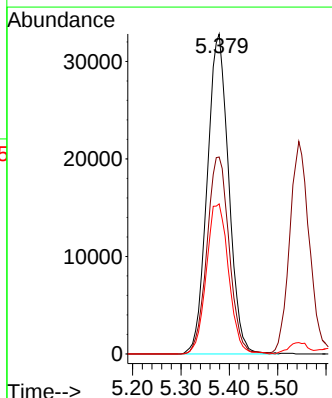
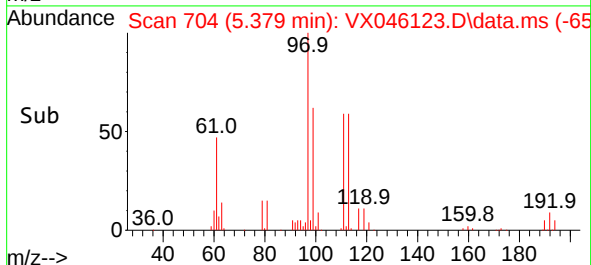
Reviewed By :John Carlone 05/12/2025
Supervised By :Mahesh Dadoda 05/12/2025

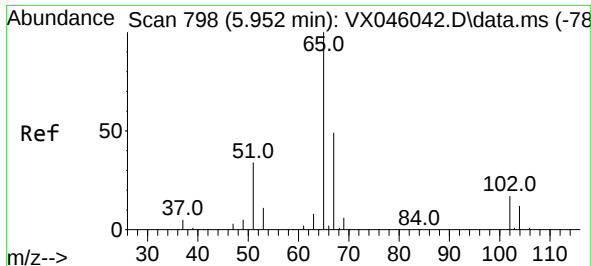


#32
1,1,1-Trichloroethane
Concen: 53.156 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX046123.D
Acq: 09 May 2025 18:20



Tgt Ion: 97 Resp: 101137
Ion Ratio Lower Upper
97 100
99 63.6 51.8 77.6
61 48.8 40.1 60.1





#33

1,2-Dichloroethane-d4

Concen: 50.401 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX046123.D

Acq: 09 May 2025 18:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 8115

Ion Ratio Lower Upper

65 100

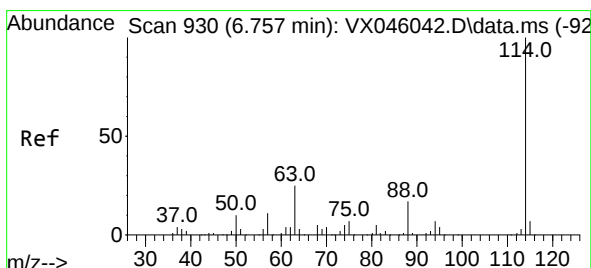
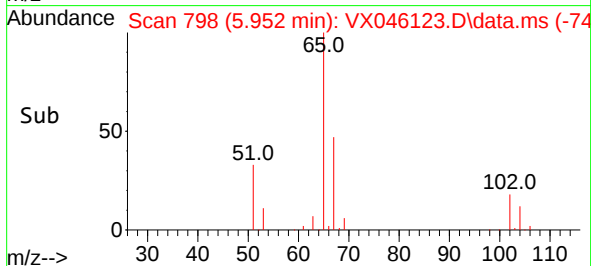
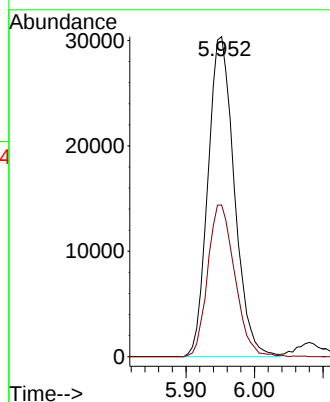
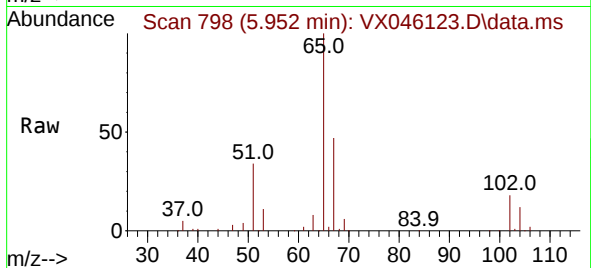
67 48.6 0.0 99.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/12/2025

Supervised By :Mahesh Dadoda 05/12/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.000 min

Lab File: VX046123.D

Acq: 09 May 2025 18:20

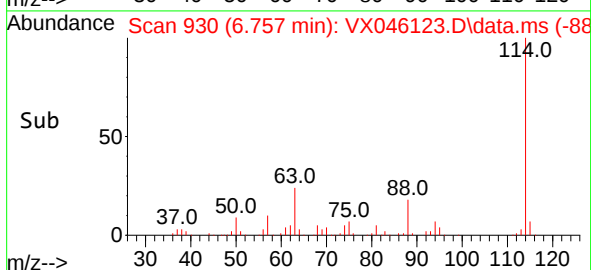
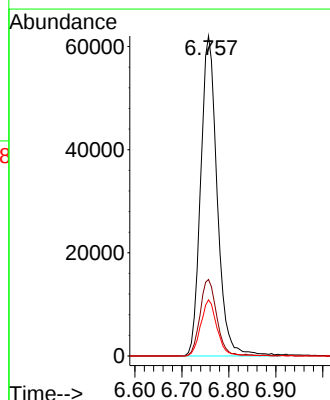
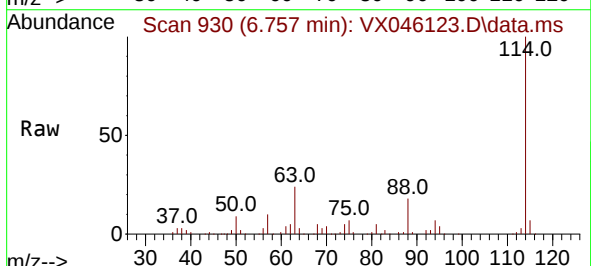
Tgt Ion:114 Resp: 151916

Ion Ratio Lower Upper

114 100

63 23.9 0.0 49.2

88 17.6 0.0 33.6





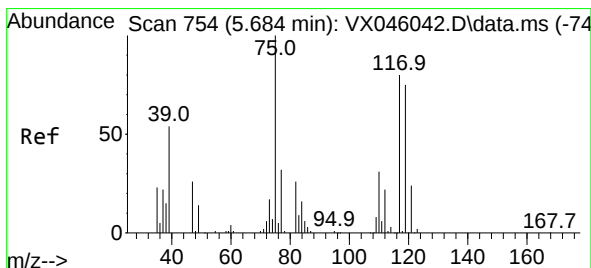
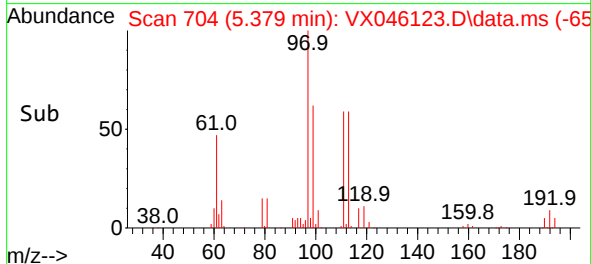
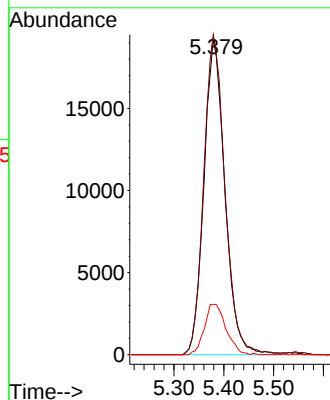
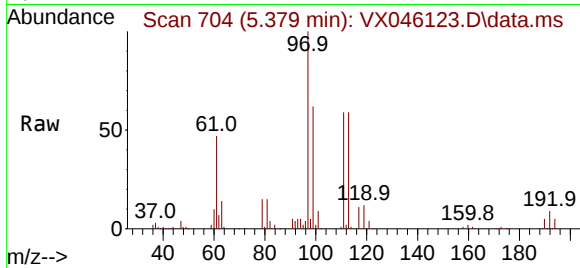
#35
Dibromofluoromethane
Concen: 51.422 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX046123.D
Acq: 09 May 2025 18:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:113 Resp: 5625
Ion Ratio Lower Upper
113 100
111 101.8 83.1 124.7
192 16.4 13.3 19.9

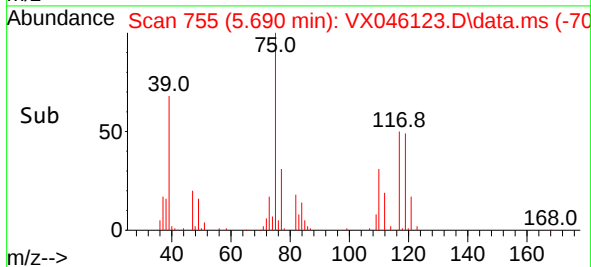
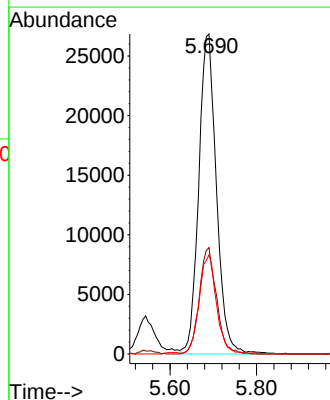
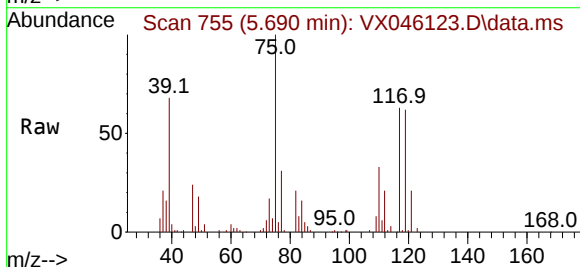
Manual Integrations
APPROVED

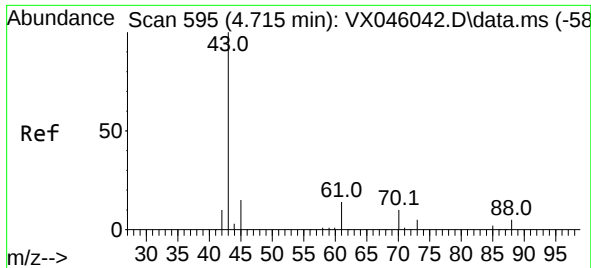
Reviewed By :John Carlone 05/12/2025
Supervised By :Mahesh Dadoda 05/12/2025



#36
1,1-Dichloropropene
Concen: 51.727 ug/l
RT: 5.690 min Scan# 755
Delta R.T. 0.006 min
Lab File: VX046123.D
Acq: 09 May 2025 18:20

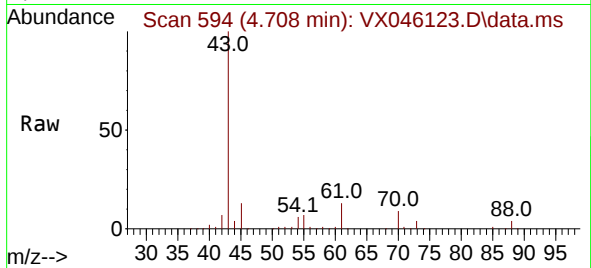
Tgt Ion: 75 Resp: 76031
Ion Ratio Lower Upper
75 100
110 32.2 16.3 48.9
77 29.9 24.3 36.5





#37
Ethyl Acetate
Concen: 52.741 ug/l
RT: 4.708 min Scan# 594
Delta R.T. -0.006 min
Lab File: VX046123.D
Acq: 09 May 2025 18:20

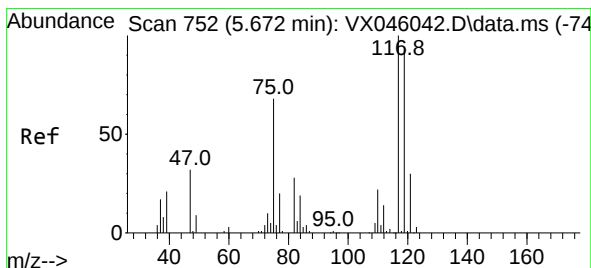
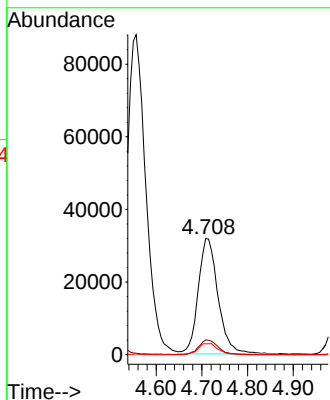
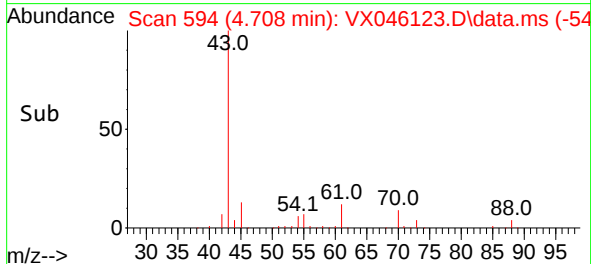
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 95770
Ion Ratio Lower Upper
43 100
61 12.7 10.3 15.5
70 9.7 7.9 11.9

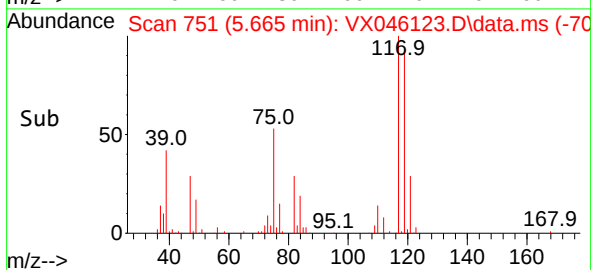
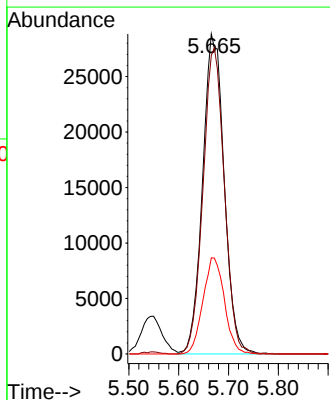
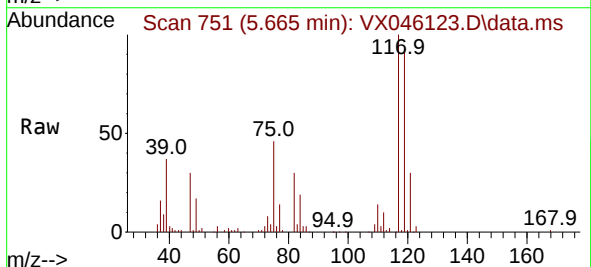
Manual Integrations
APPROVED

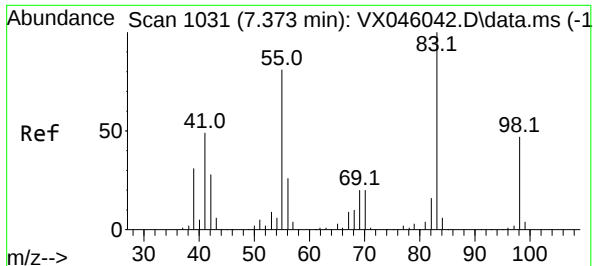
Reviewed By :John Carlone 05/12/2025
Supervised By :Mahesh Dadoda 05/12/2025



#38
Carbon Tetrachloride
Concen: 52.512 ug/l
RT: 5.665 min Scan# 751
Delta R.T. -0.006 min
Lab File: VX046123.D
Acq: 09 May 2025 18:20

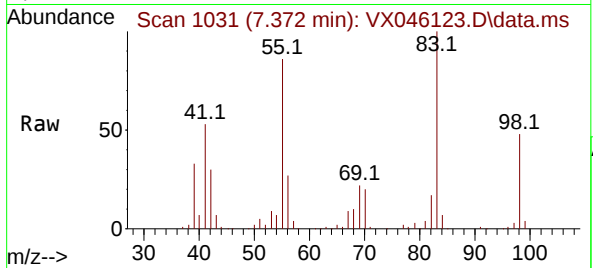
Tgt Ion:117 Resp: 86723
Ion Ratio Lower Upper
117 100
119 93.3 75.2 112.8
121 30.1 24.2 36.4





#39
Methylcyclohexane
Concen: 50.318 ug/l
RT: 7.372 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VX046123.D
Acq: 09 May 2025 18:20

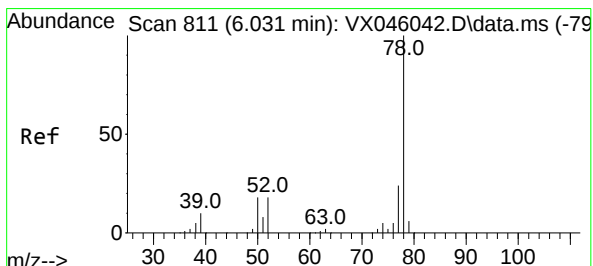
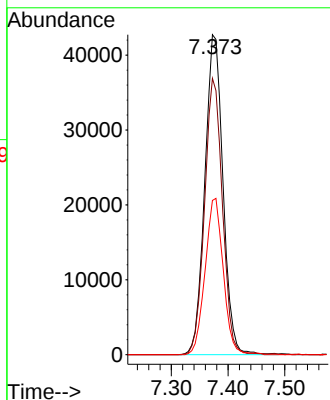
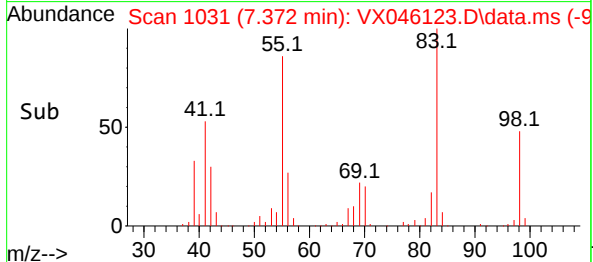
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 9521
Ion Ratio Lower Upper
83 100
55 86.4 64.7 97.1
98 48.2 37.4 56.2

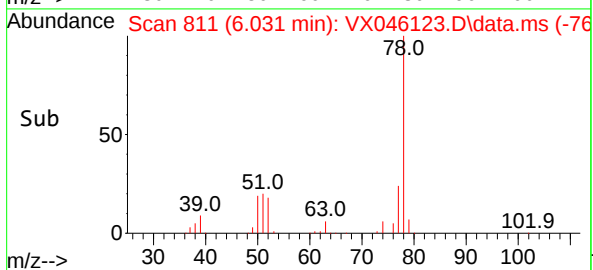
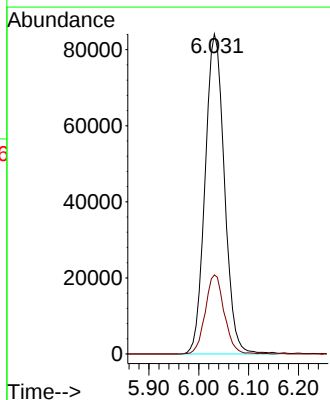
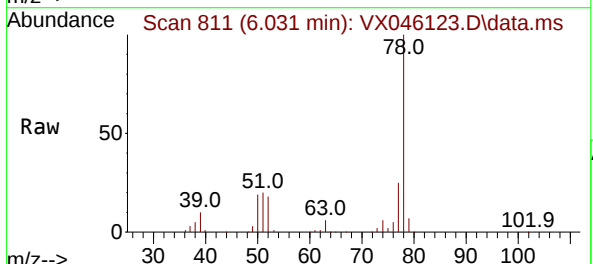
Manual Integrations
APPROVED

Reviewed By :John Carlone 05/12/2025
Supervised By :Mahesh Dadoda 05/12/2025



#40
Benzene
Concen: 52.589 ug/l
RT: 6.031 min Scan# 811
Delta R.T. -0.000 min
Lab File: VX046123.D
Acq: 09 May 2025 18:20

Tgt Ion: 78 Resp: 226411
Ion Ratio Lower Upper
78 100
77 24.7 19.0 28.4





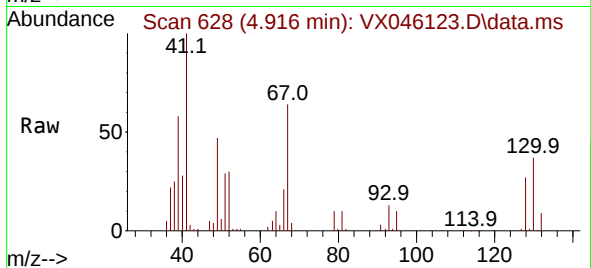
#41
Methacrylonitrile
Concen: 56.502 ug/l
RT: 4.916 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX046123.D
Acq: 09 May 2025 18:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



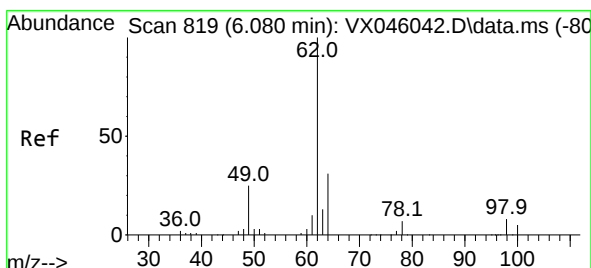
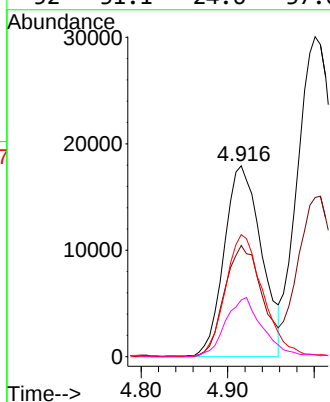
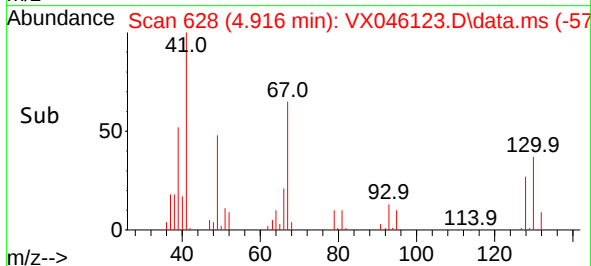
Tgt Ion: 41 Resp: 53679
Ion Ratio Lower Upper
41 100
39 58.0 47.2 70.8
67 64.8 50.7 76.1
52 31.1 24.6 37.0

Manual Integrations

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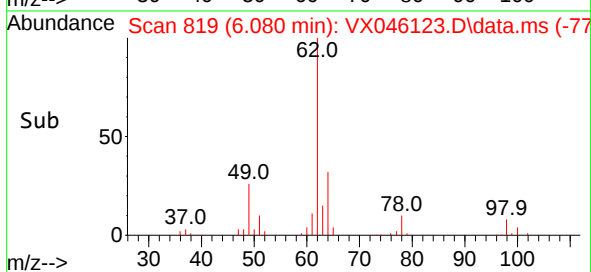
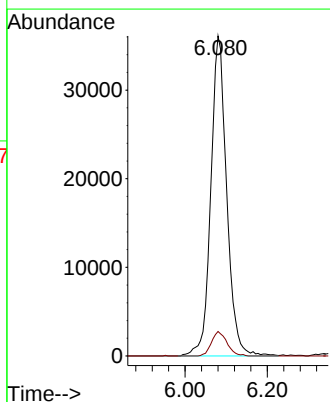
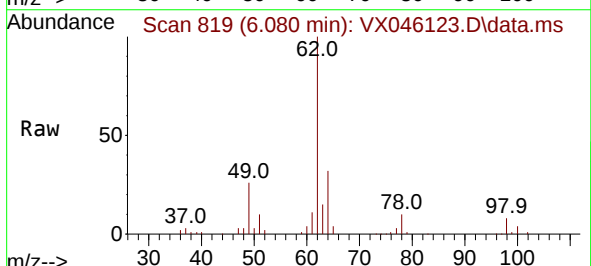
Reviewed By :John Carlone 05/12/2025

Supervised By :Mahesh Dadoda 05/12/2025



#42
1,2-Dichloroethane
Concen: 52.135 ug/l
RT: 6.080 min Scan# 819
Delta R.T. -0.000 min
Lab File: VX046123.D
Acq: 09 May 2025 18:20

Tgt Ion: 62 Resp: 96874
Ion Ratio Lower Upper
62 100
98 7.5 0.0 15.2





#43

Isopropyl Acetate

Concen: 53.836 ug/l

RT: 6.336 min Scan# 861

Delta R.T. -0.000 min

Lab File: VX046123.D

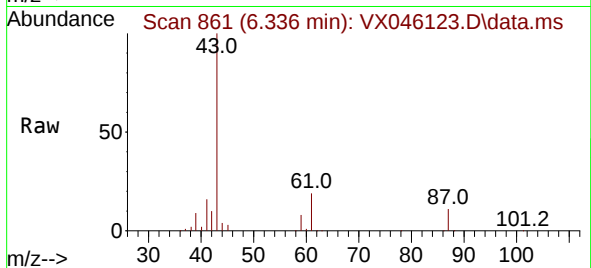
Acq: 09 May 2025 18:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



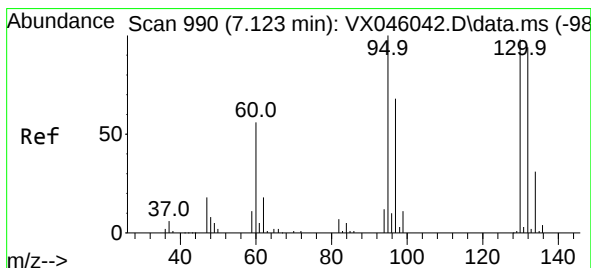
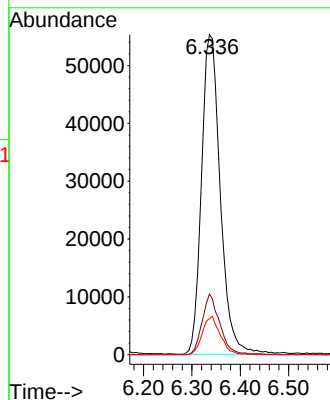
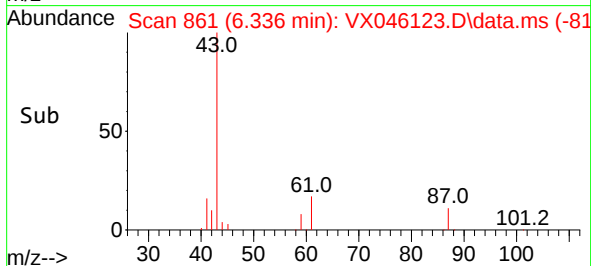
Tgt Ion:	43	Resp:	14914
Ion Ratio	Lower	Upper	
43	100		
61	17.7	14.3	21.5
87	11.4	9.5	14.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/12/2025

Supervised By :Mahesh Dadoda 05/12/2025



#44

Trichloroethene

Concen: 50.568 ug/l

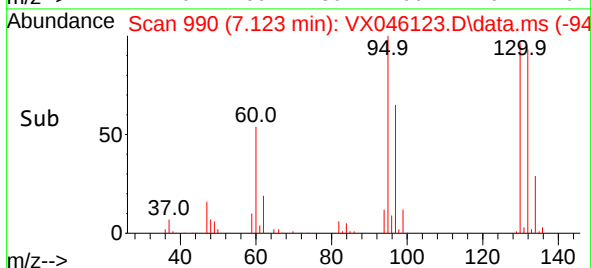
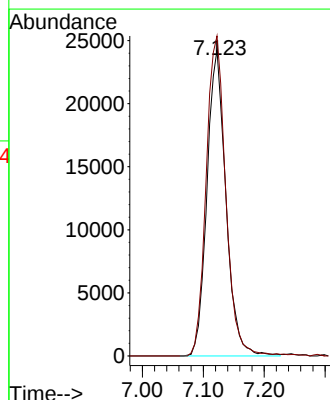
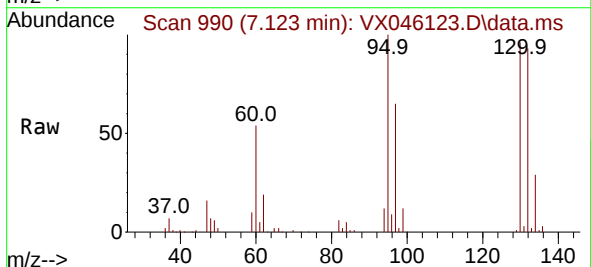
RT: 7.123 min Scan# 990

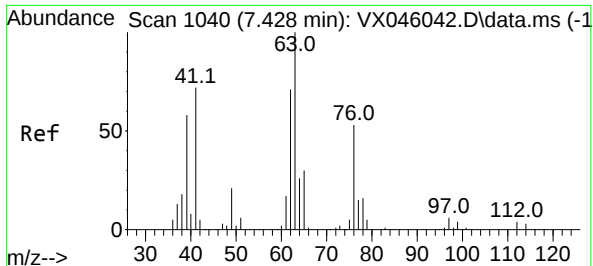
Delta R.T. -0.000 min

Lab File: VX046123.D

Acq: 09 May 2025 18:20

Tgt Ion:	130	Resp:	52399
Ion Ratio	Lower	Upper	
130	100		
95	104.5	0.0	204.2





#45

1,2-Dichloropropane

Concen: 53.494 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VX046123.D

Acq: 09 May 2025 18:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 5726

Ion Ratio Lower Upper

63 100

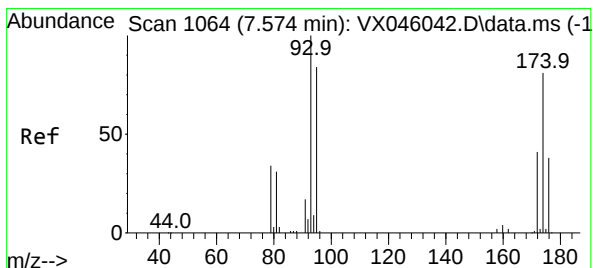
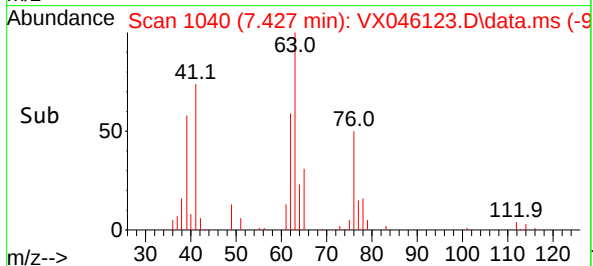
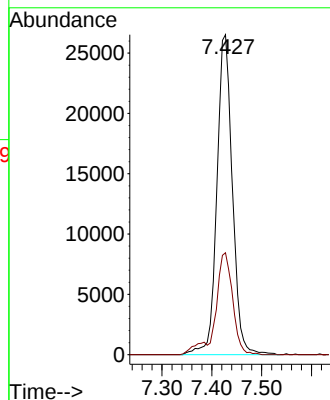
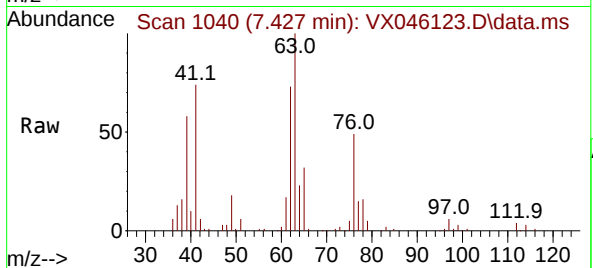
65 31.9 24.1 36.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/12/2025

Supervised By :Mahesh Dadoda 05/12/2025



#46

Dibromomethane

Concen: 52.004 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.006 min

Lab File: VX046123.D

Acq: 09 May 2025 18:20

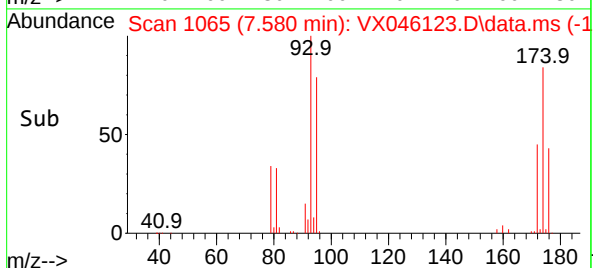
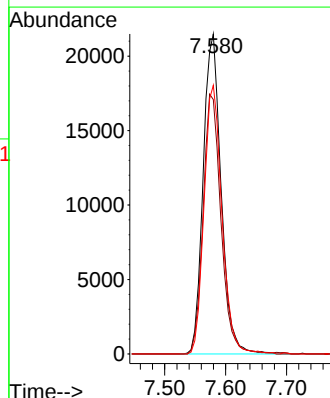
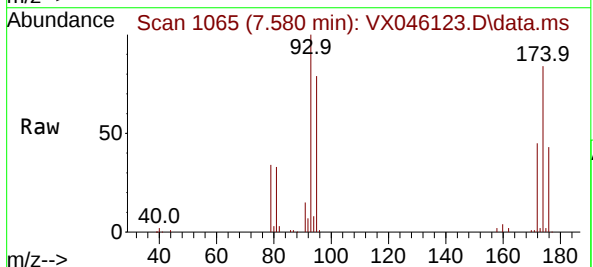
Tgt Ion: 93 Resp: 43909

Ion Ratio Lower Upper

93 100

95 81.1 65.6 98.4

174 84.1 68.2 102.2





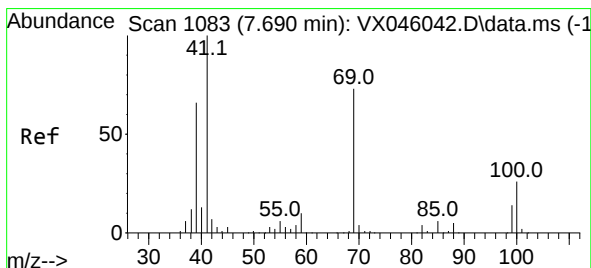
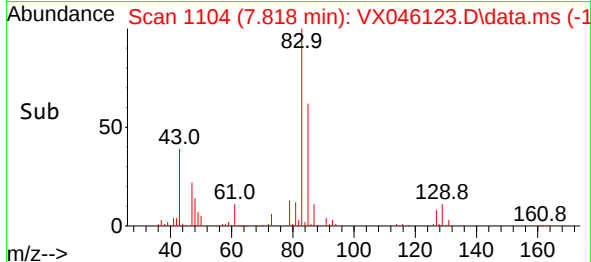
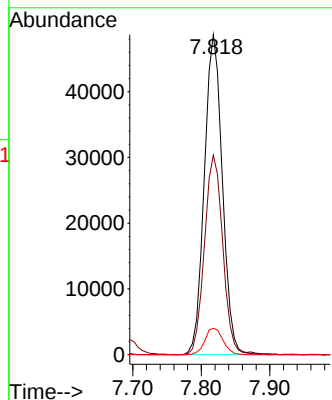
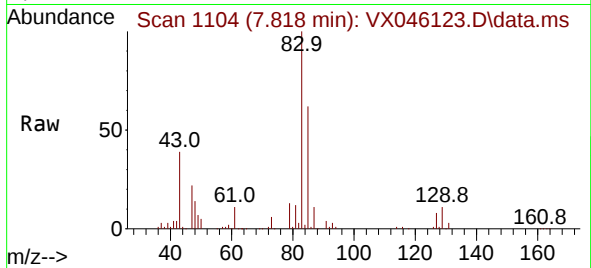
#47
Bromodichloromethane
Concen: 53.738 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VX046123.D
Acq: 09 May 2025 18:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 89360
Ion Ratio Lower Upper
83 100
85 62.3 50.5 75.7
127 8.2 6.5 9.7

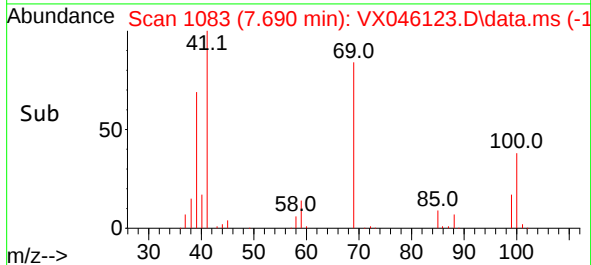
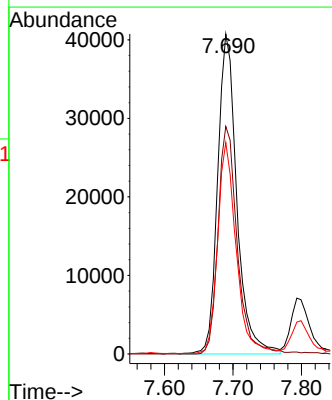
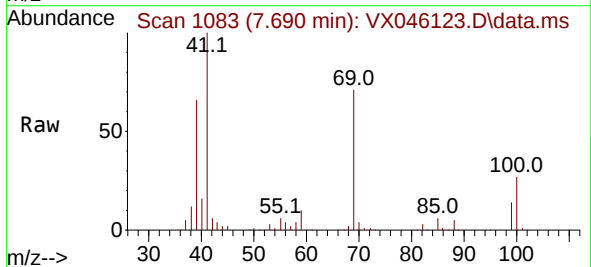
Manual Integrations
APPROVED

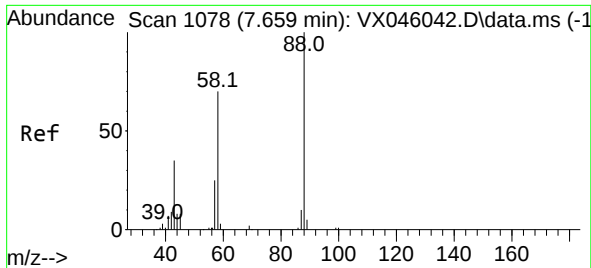
Reviewed By :John Carlone 05/12/2025
Supervised By :Mahesh Dadoda 05/12/2025



#48
Methyl methacrylate
Concen: 55.847 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.000 min
Lab File: VX046123.D
Acq: 09 May 2025 18:20

Tgt Ion: 41 Resp: 79016
Ion Ratio Lower Upper
41 100
69 70.9 58.5 87.7
39 63.5 51.7 77.5





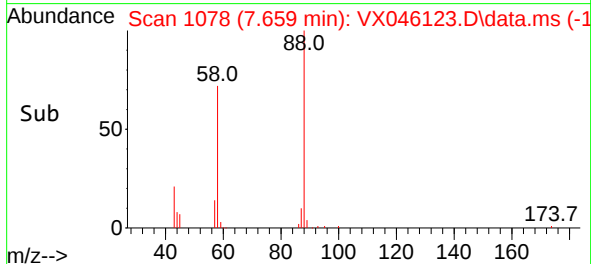
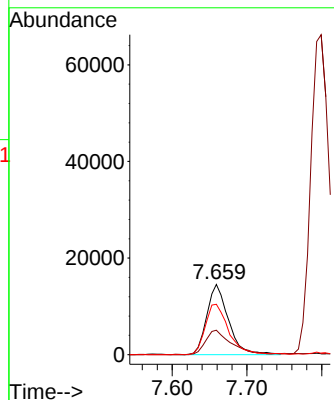
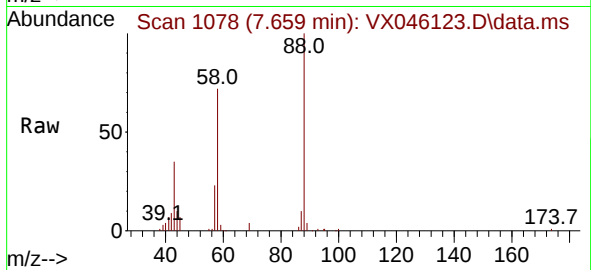
#49
1,4-Dioxane
Concen: 1087.497 ug/l
RT: 7.659 min Scan# 1078
Delta R.T. -0.000 min
Lab File: VX046123.D
Acq: 09 May 2025 18:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 88 Resp: 29215
Ion Ratio Lower Upper
88 100
43 41.8 33.4 50.2
58 77.0 58.6 88.0

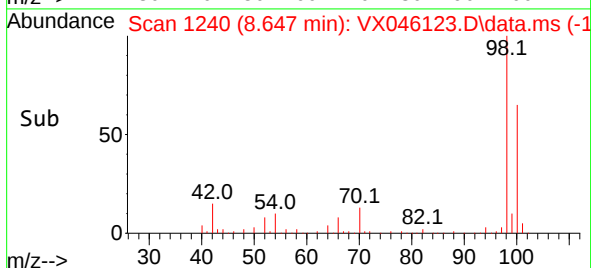
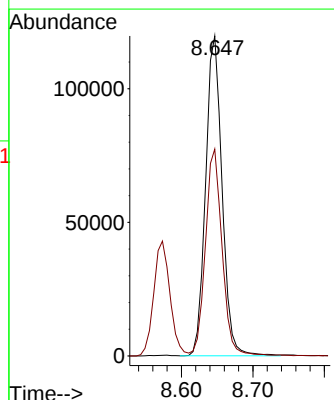
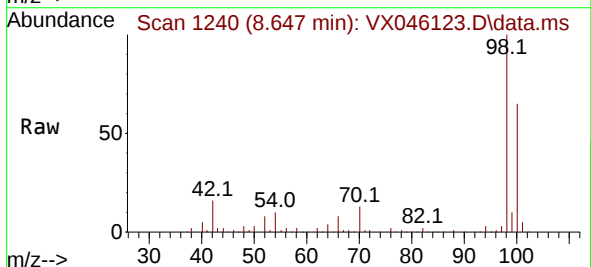
Manual Integrations
APPROVED

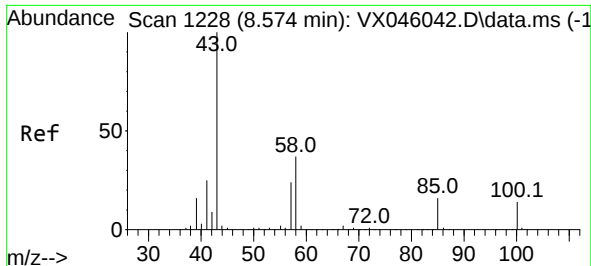
Reviewed By :John Carlone 05/12/2025
Supervised By :Mahesh Dadoda 05/12/2025



#50
Toluene-d8
Concen: 50.539 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX046123.D
Acq: 09 May 2025 18:20

Tgt Ion: 98 Resp: 191357
Ion Ratio Lower Upper
98 100
100 65.3 53.5 80.3





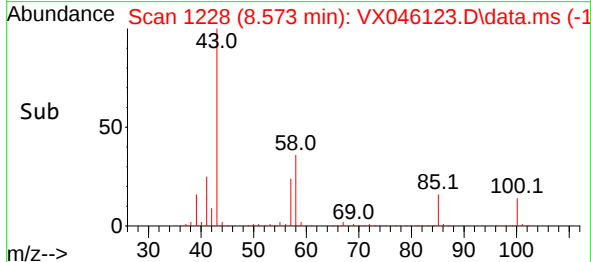
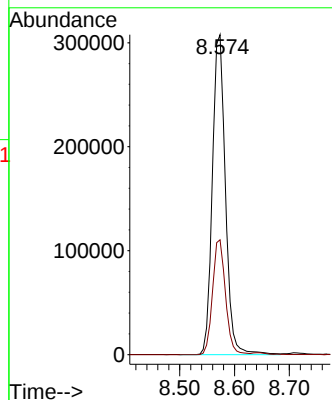
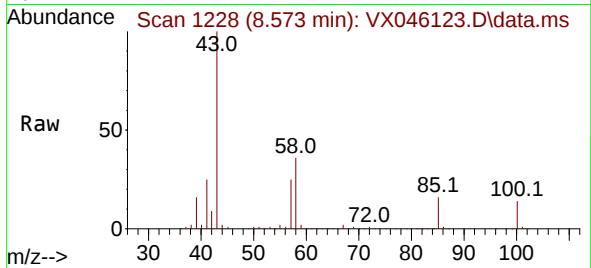
#51
4-Methyl-2-Pentanone
Concen: 275.915 ug/l
RT: 8.573 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046123.D
Acq: 09 May 2025 18:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 507394
Ion Ratio Lower Upper
43 100
58 35.6 28.9 43.3

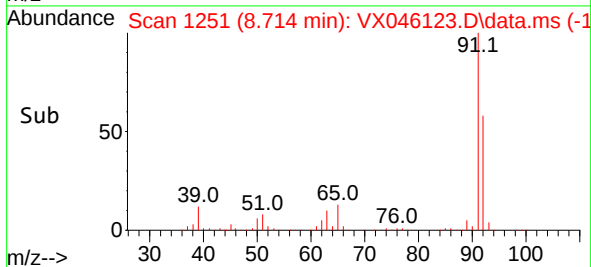
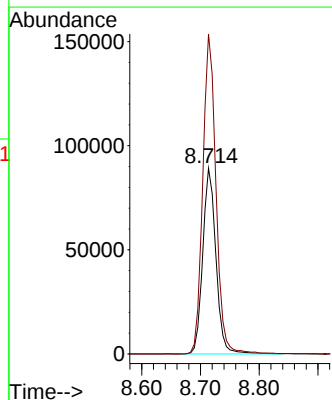
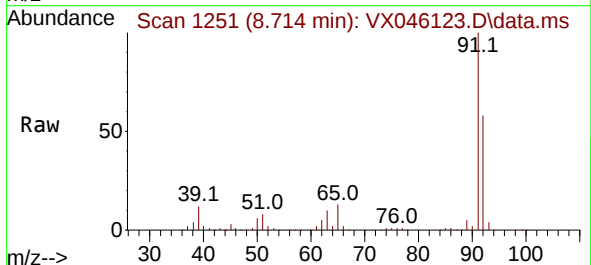
Manual Integrations
APPROVED

Reviewed By :John Carlone 05/12/2025
Supervised By :Mahesh Dadoda 05/12/2025



#52
Toluene
Concen: 52.787 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.000 min
Lab File: VX046123.D
Acq: 09 May 2025 18:20

Tgt Ion: 92 Resp: 139354
Ion Ratio Lower Upper
92 100
91 172.7 136.6 205.0





#53

t-1,3-Dichloropropene

Concen: 53.843 ug/l

RT: 8.976 min Scan# 1193

Delta R.T. -0.000 min

Lab File: VX046123.D

Acq: 09 May 2025 18:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 75 Resp: 79588

Ion Ratio Lower Upper

75 100

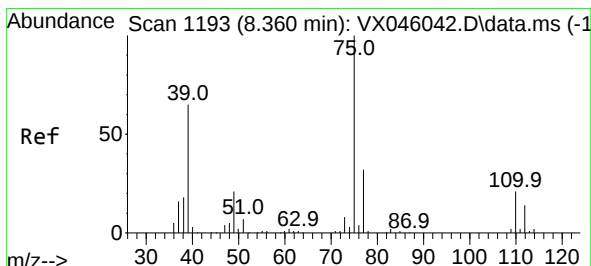
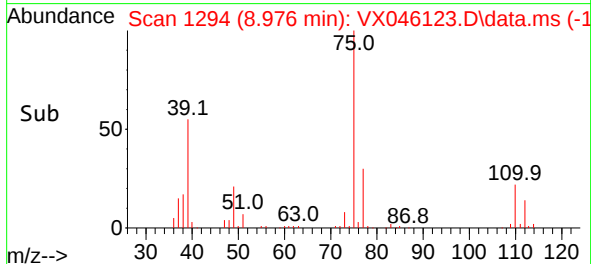
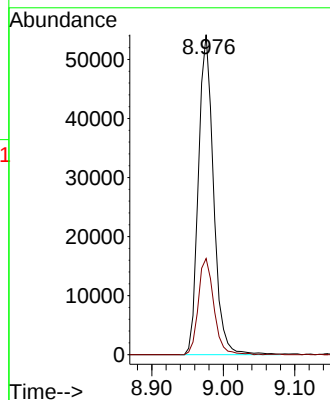
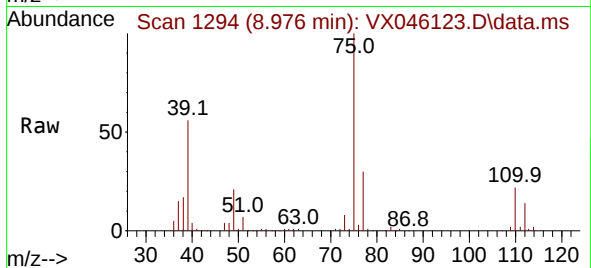
77 30.0 25.0 37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/12/2025

Supervised By :Mahesh Dadoda 05/12/2025



#54

cis-1,3-Dichloropropene

Concen: 54.102 ug/l

RT: 8.360 min Scan# 1193

Delta R.T. -0.000 min

Lab File: VX046123.D

Acq: 09 May 2025 18:20

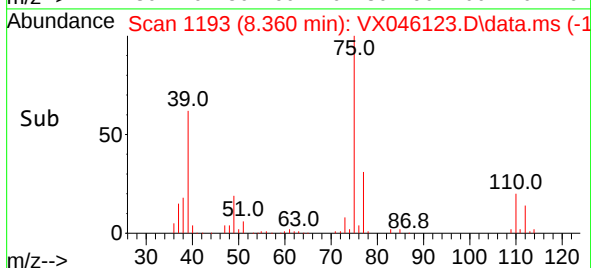
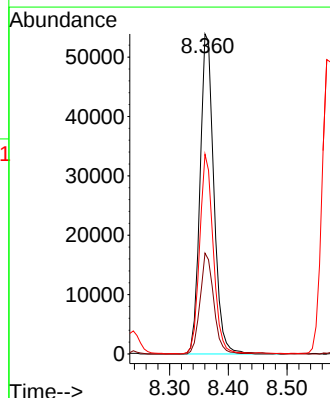
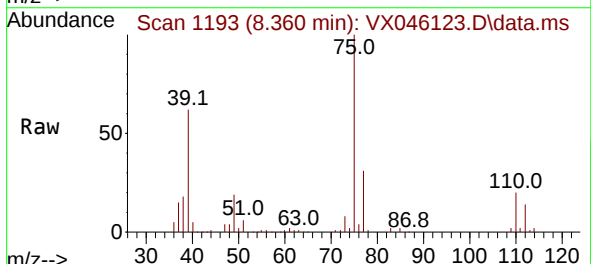
Tgt Ion: 75 Resp: 88388

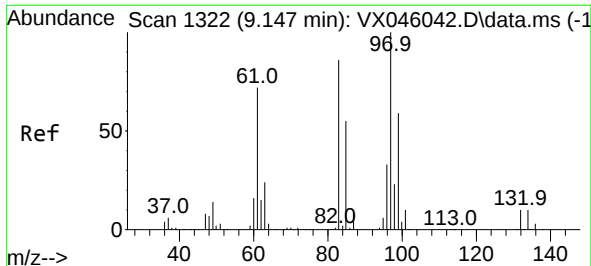
Ion Ratio Lower Upper

75 100

77 31.5 25.4 38.0

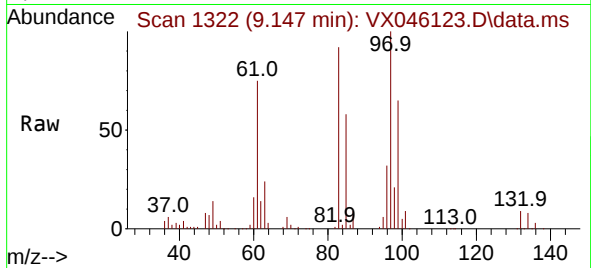
39 62.4 52.2 78.4





#55
1,1,2-Trichloroethane
Concen: 53.221 ug/l
RT: 9.147 min Scan# 1322
Delta R.T. -0.000 min
Lab File: VX046123.D
Acq: 09 May 2025 18:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

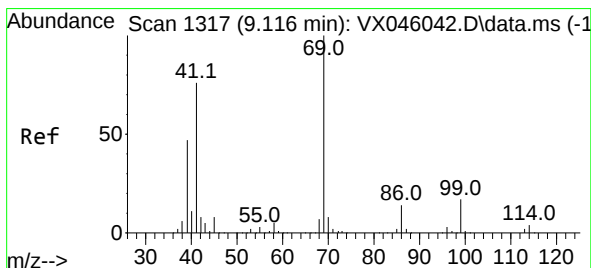
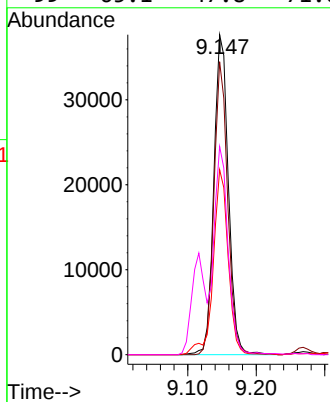
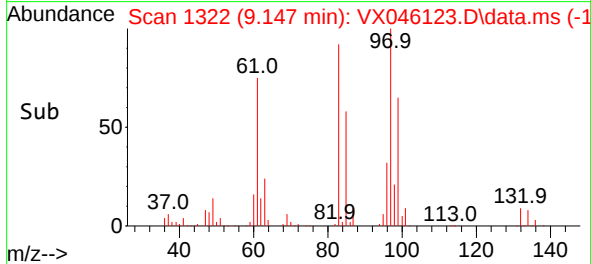


Tgt Ion: 97 Resp: 55400

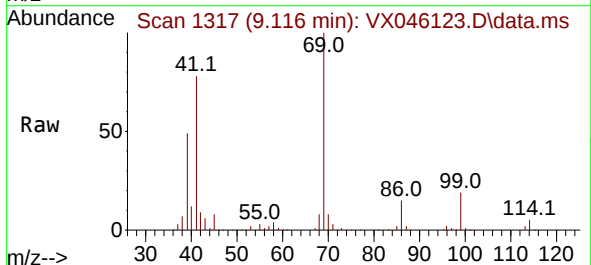
Ion	Ratio	Lower	Upper
97	100		
83	91.5	69.0	103.6
85	57.8	44.3	66.5
99	65.1	47.8	71.6

Manual Integrations
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Reviewed By :John Carlone 05/12/2025
Supervised By :Mahesh Dadoda 05/12/2025

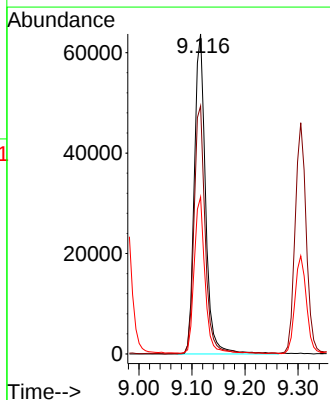
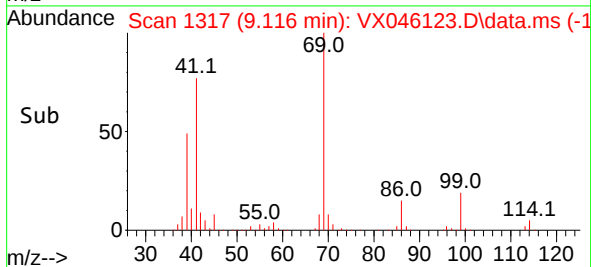


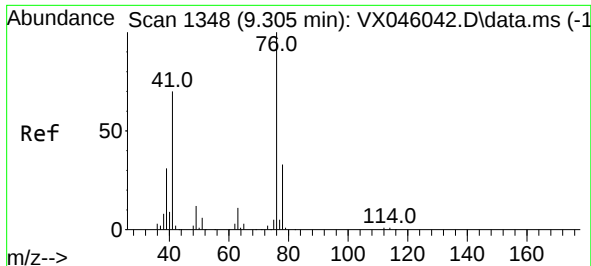
#56
Ethyl methacrylate
Concen: 56.444 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX046123.D
Acq: 09 May 2025 18:20



Tgt Ion: 69 Resp: 93643

Ion	Ratio	Lower	Upper
69	100		
41	77.5	60.8	91.2
39	47.0	39.0	58.6





#57

1,3-Dichloropropane

Concen: 51.663 ug/l

RT: 9.305 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX046123.D

Acq: 09 May 2025 18:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 96580

Ion Ratio Lower Upper

76 100

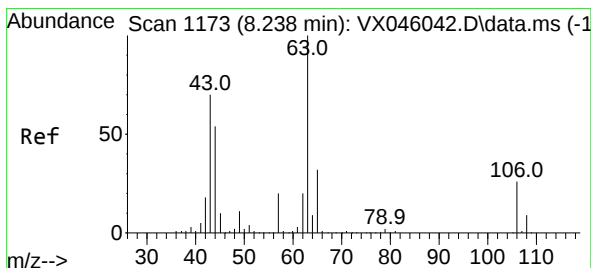
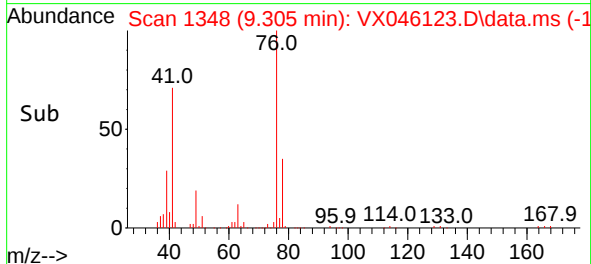
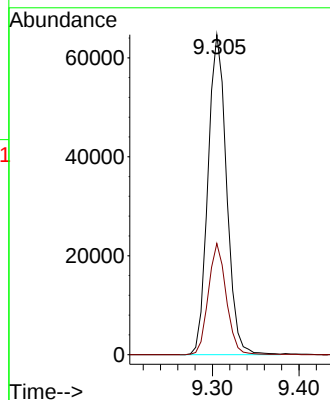
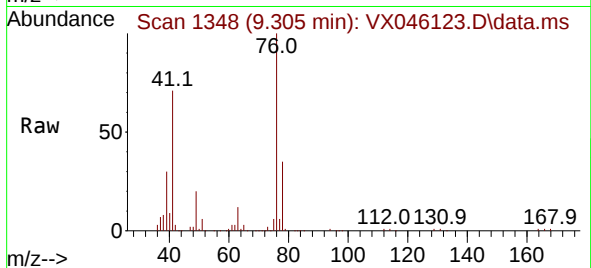
78 33.4 26.3 39.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/12/2025

Supervised By :Mahesh Dadoda 05/12/2025



#58

2-Chloroethyl Vinyl ether

Concen: 271.647 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.000 min

Lab File: VX046123.D

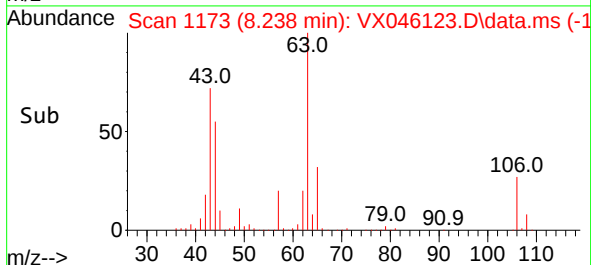
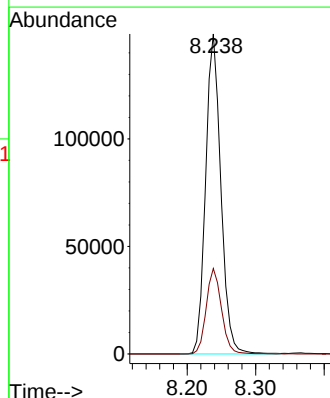
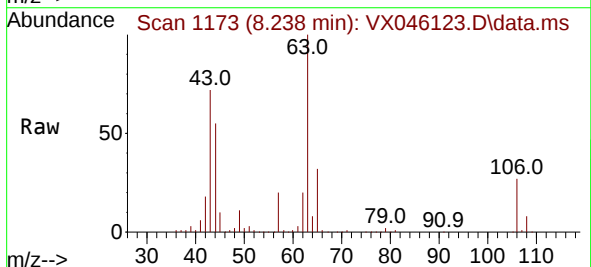
Acq: 09 May 2025 18:20

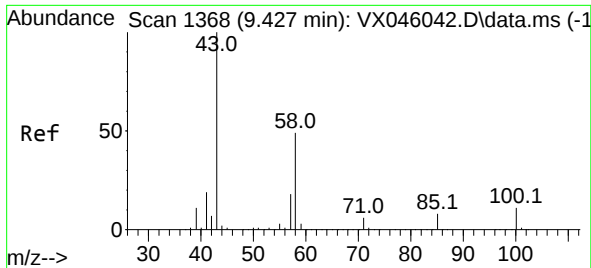
Tgt Ion: 63 Resp: 229759

Ion Ratio Lower Upper

63 100

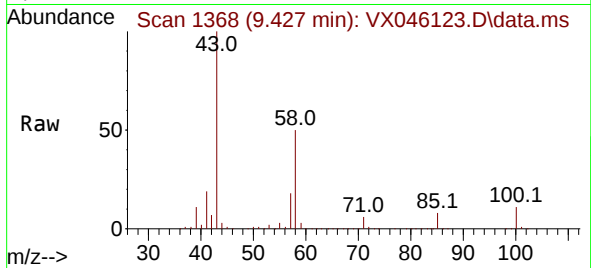
106 26.7 21.5 32.3





#59
2-Hexanone
Concen: 279.306 ug/l
RT: 9.427 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046123.D
Acq: 09 May 2025 18:20

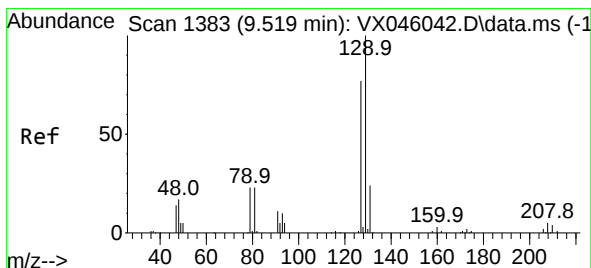
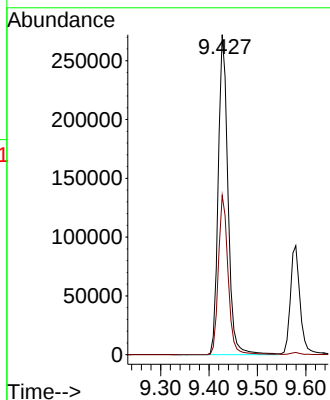
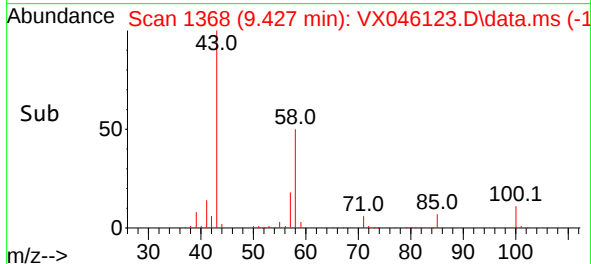
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 38000
Ion Ratio Lower Upper
43 100
58 49.3 24.9 74.6

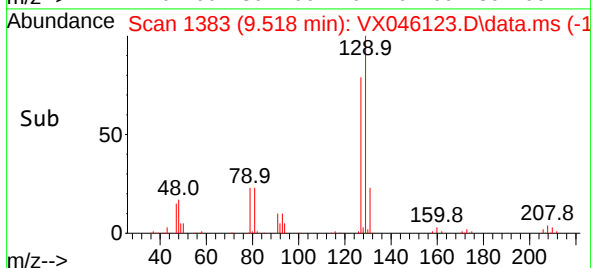
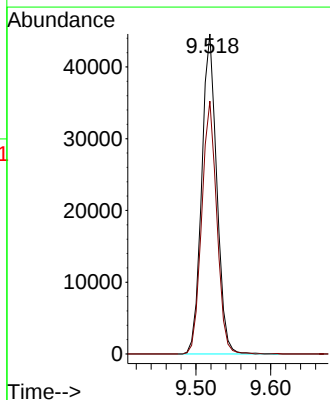
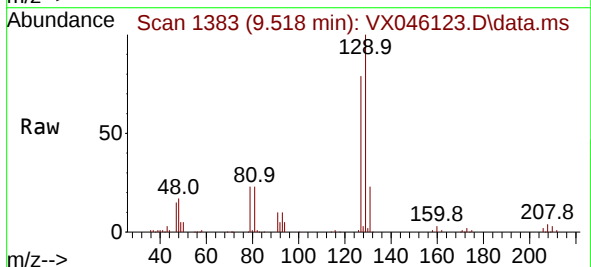
Manual Integrations
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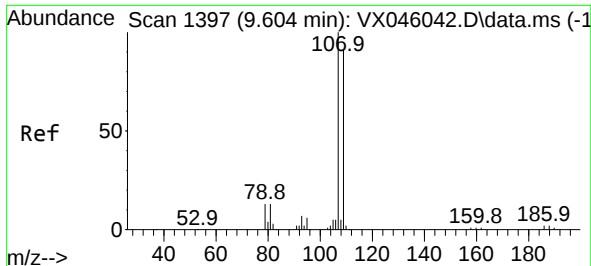
Reviewed By :John Carlone 05/12/2025
Supervised By :Mahesh Dadoda 05/12/2025



#60
Dibromochloromethane
Concen: 54.593 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX046123.D
Acq: 09 May 2025 18:20

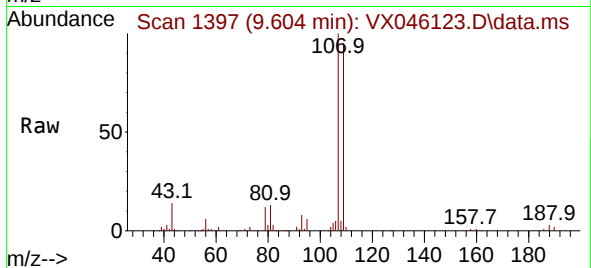
Tgt Ion:129 Resp: 62410
Ion Ratio Lower Upper
129 100
127 79.1 39.3 117.8





#61
1,2-Dibromoethane
Concen: 53.417 ug/l
RT: 9.604 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046123.D
Acq: 09 May 2025 18:20

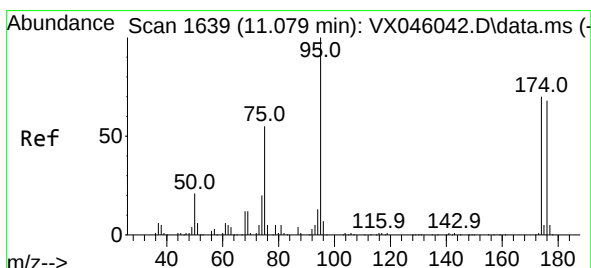
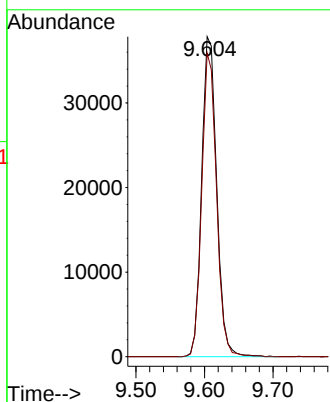
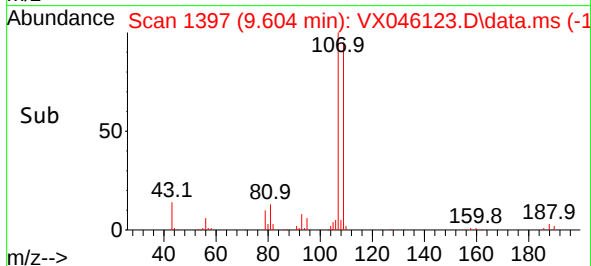
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:107 Resp: 57792
Ion Ratio Lower Upper
107 100
109 93.2 73.3 109.9

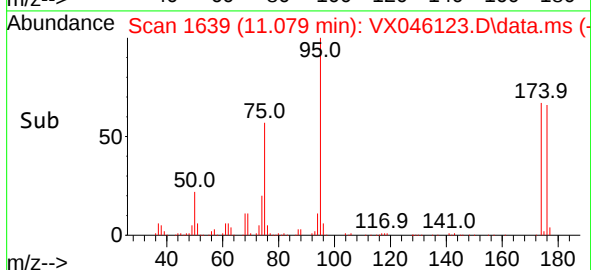
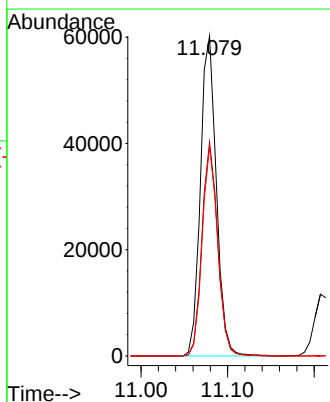
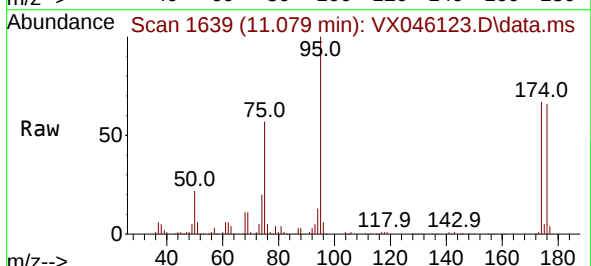
Manual Integrations
APPROVED

Reviewed By :John Carlone 05/12/2025
Supervised By :Mahesh Dadoda 05/12/2025



#62
4-Bromofluorobenzene
Concen: 52.897 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046123.D
Acq: 09 May 2025 18:20

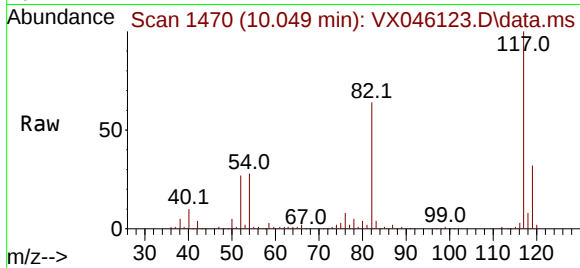
Tgt Ion: 95 Resp: 76827
Ion Ratio Lower Upper
95 100
174 65.9 0.0 135.8
176 63.9 0.0 131.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX046123.D
Acq: 09 May 2025 18:20

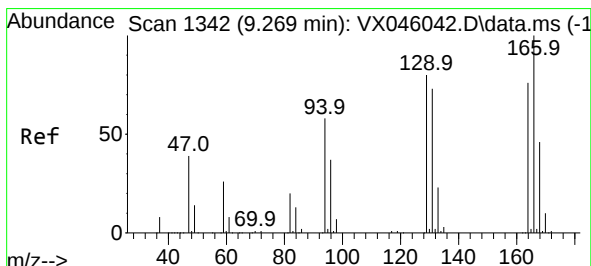
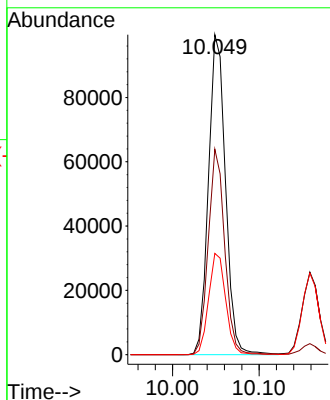
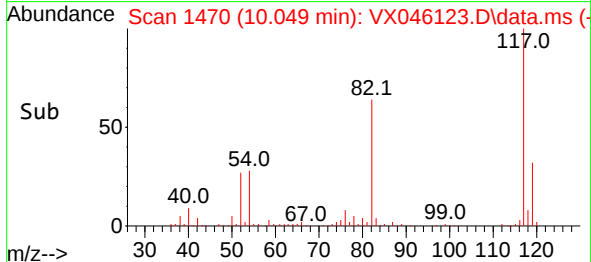
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 135920
Ion Ratio Lower Upper
117 100
82 64.2 50.6 76.0
119 31.7 25.8 38.6

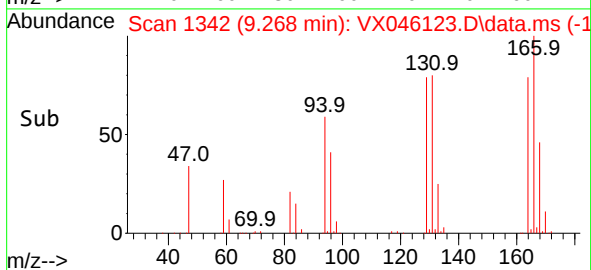
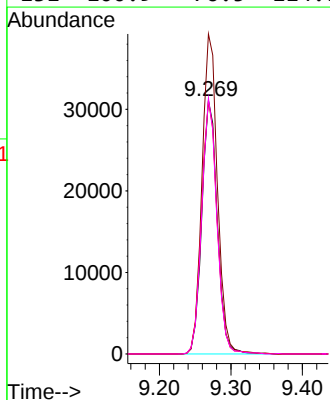
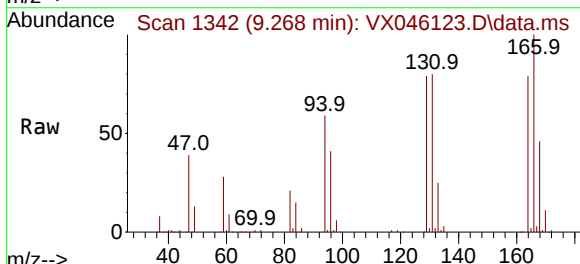
Manual Integrations
APPROVED

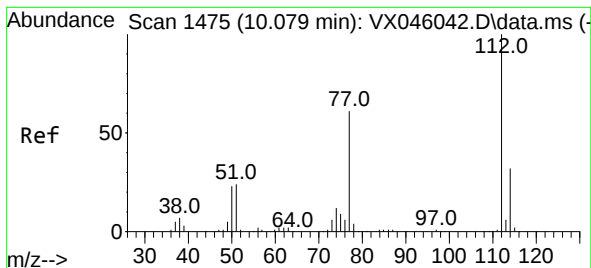
Reviewed By :John Carlone 05/12/2025
Supervised By :Mahesh Dadoda 05/12/2025



#64
Tetrachloroethene
Concen: 48.487 ug/l
RT: 9.268 min Scan# 1342
Delta R.T. -0.000 min
Lab File: VX046123.D
Acq: 09 May 2025 18:20

Tgt Ion:164 Resp: 46630
Ion Ratio Lower Upper
164 100
166 126.2 105.0 157.6
129 99.7 83.5 125.3
131 100.9 76.5 114.7





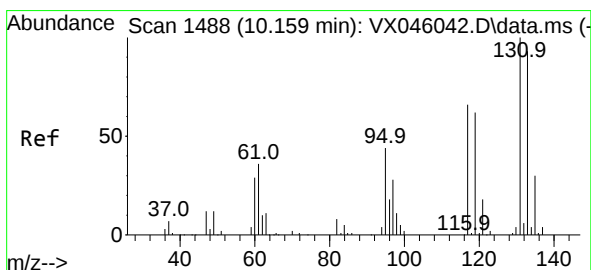
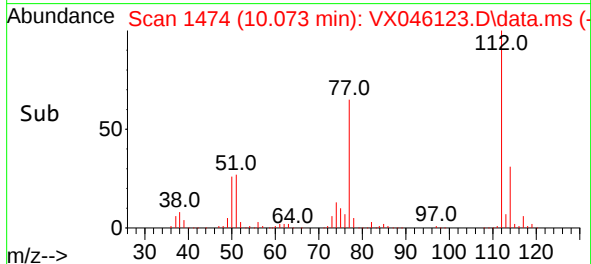
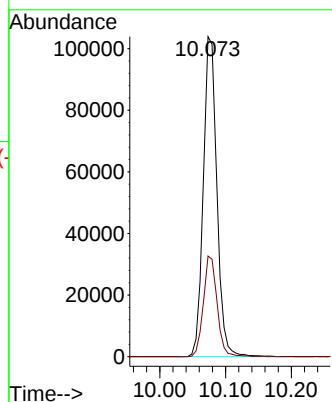
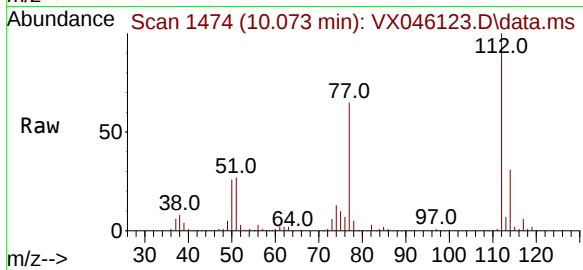
#65
Chlorobenzene
Concen: 50.258 ug/l
RT: 10.073 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VX046123.D
Acq: 09 May 2025 18:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 14951
Ion Ratio Lower Upper
112 100
114 31.4 25.4 38.2

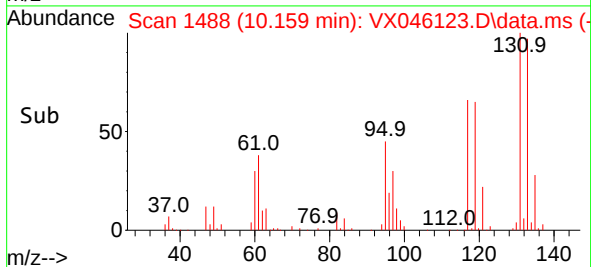
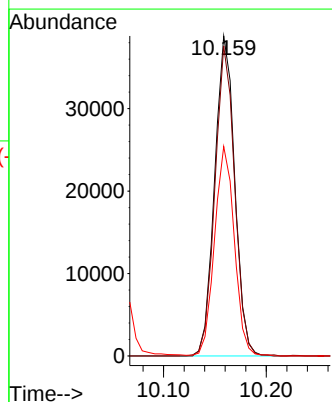
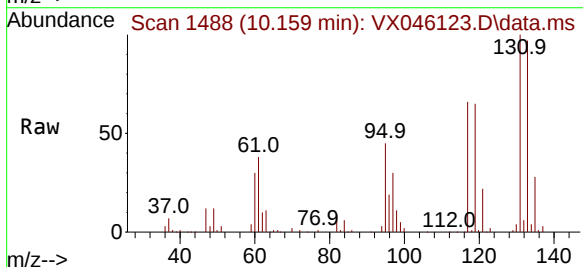
Manual Integrations
APPROVED

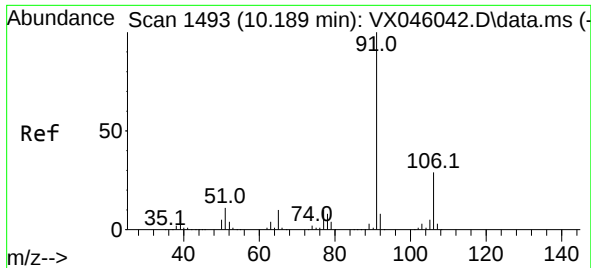
Reviewed By :John Carlone 05/12/2025
Supervised By :Mahesh Dadoda 05/12/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 51.778 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VX046123.D
Acq: 09 May 2025 18:20

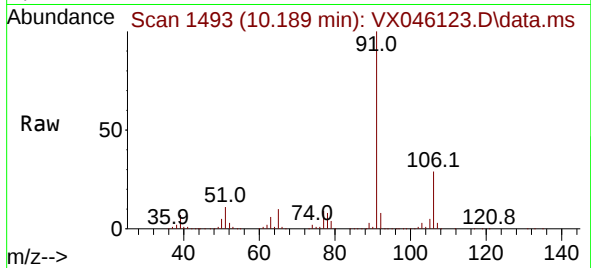
Tgt Ion:131 Resp: 52599
Ion Ratio Lower Upper
131 100
133 95.3 47.3 141.9
119 64.6 31.6 95.0





#67
Ethyl Benzene
Concen: 52.570 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. -0.000 min
Lab File: VX046123.D
Acq: 09 May 2025 18:20

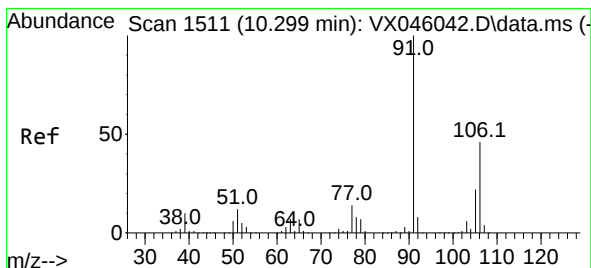
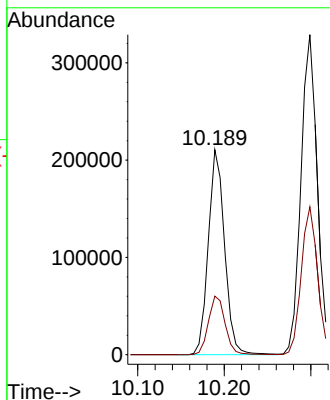
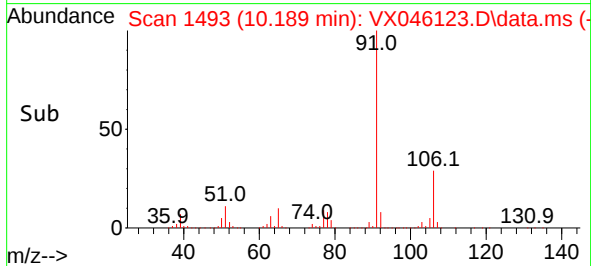
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



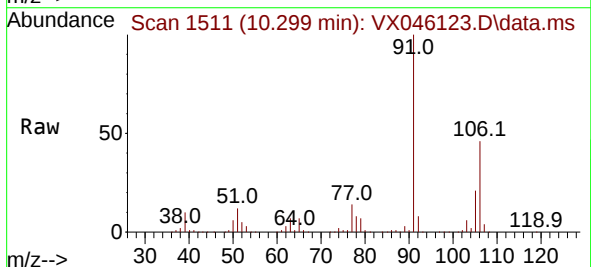
Tgt Ion: 91 Resp: 275678
Ion Ratio Lower Upper
91 100
106 28.6 23.4 35.2

Manual Integrations
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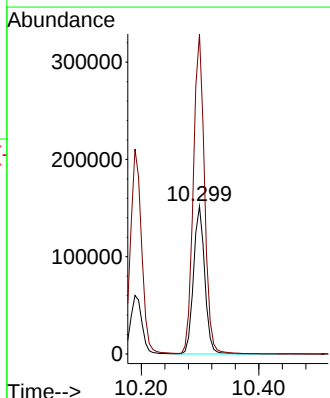
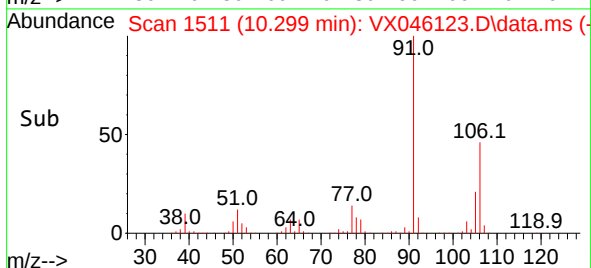
Reviewed By :John Carlone 05/12/2025
Supervised By :Mahesh Dadoda 05/12/2025

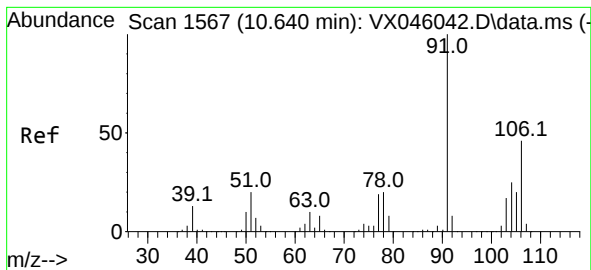


#68
m/p-Xylenes
Concen: 104.948 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX046123.D
Acq: 09 May 2025 18:20



Tgt Ion:106 Resp: 201287
Ion Ratio Lower Upper
106 100
91 216.3 171.2 256.8





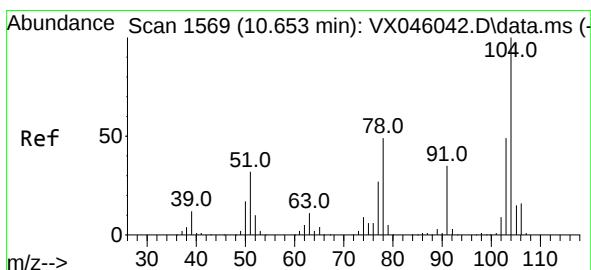
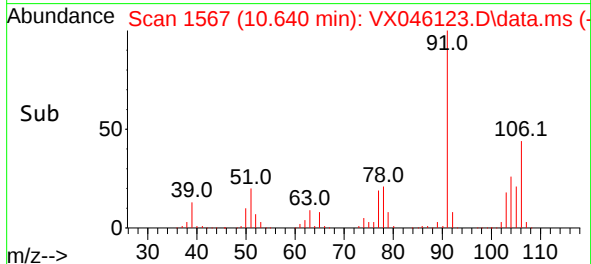
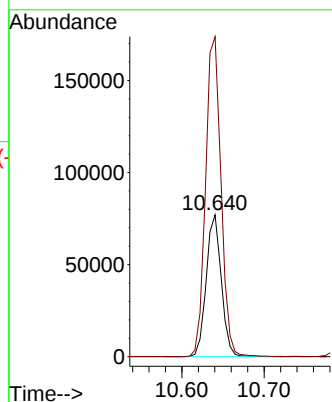
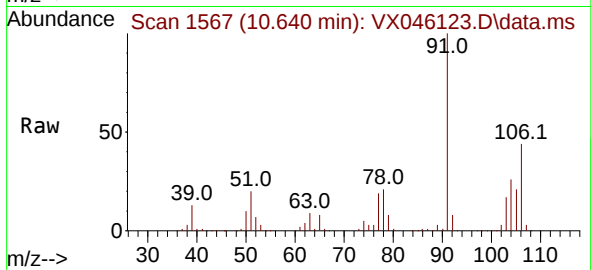
#69
o-Xylene
Concen: 52.415 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX046123.D
Acq: 09 May 2025 18:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 98000
Ion Ratio Lower Upper
106 100
91 231.5 112.7 338.1

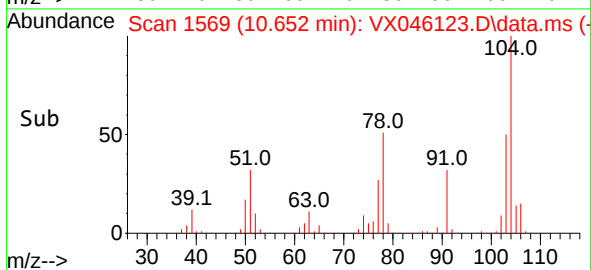
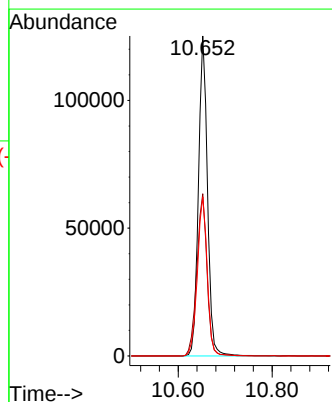
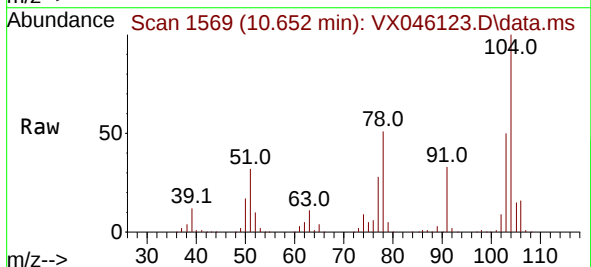
Manual Integrations
APPROVED

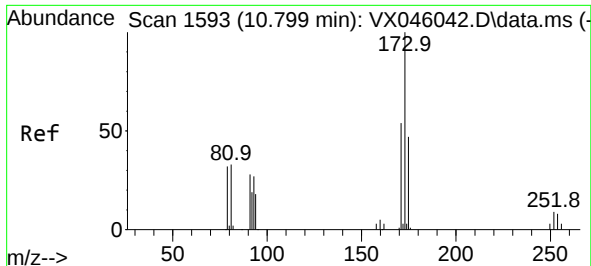
Reviewed By :John Carlone 05/12/2025
Supervised By :Mahesh Dadoda 05/12/2025



#70
Styrene
Concen: 54.862 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX046123.D
Acq: 09 May 2025 18:20

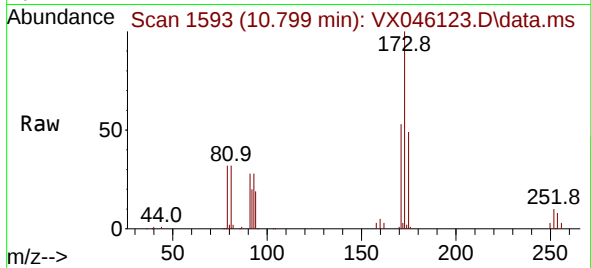
Tgt Ion:104 Resp: 168044
Ion Ratio Lower Upper
104 100
78 57.1 45.7 68.5
103 54.5 43.7 65.5





#71
Bromoform
Concen: 52.643 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX046123.D
Acq: 09 May 2025 18:20

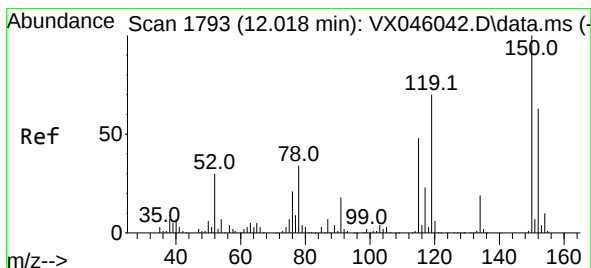
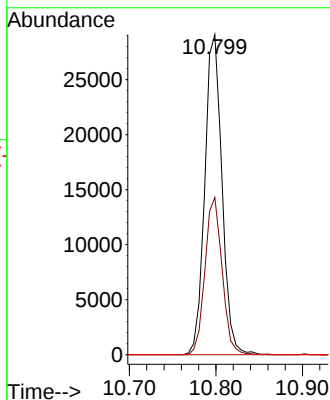
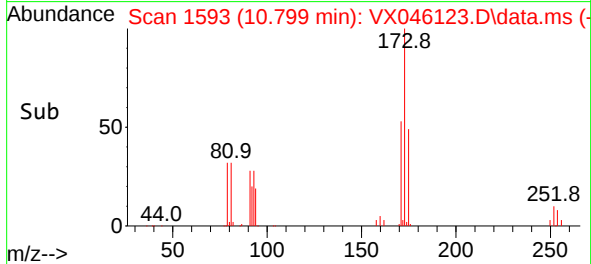
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:173 Resp: 40150
Ion Ratio Lower Upper
173 100
175 48.8 23.4 70.0
254 0.0 0.0 0.0

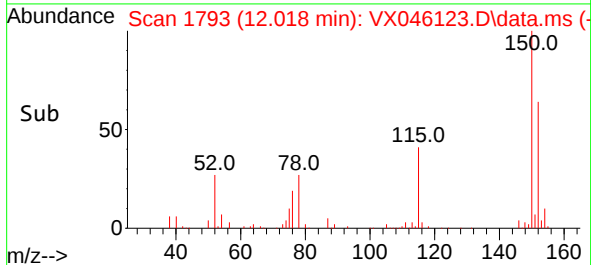
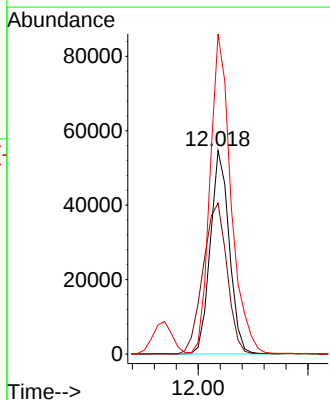
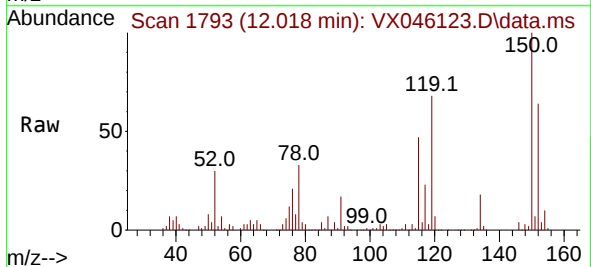
Manual Integrations
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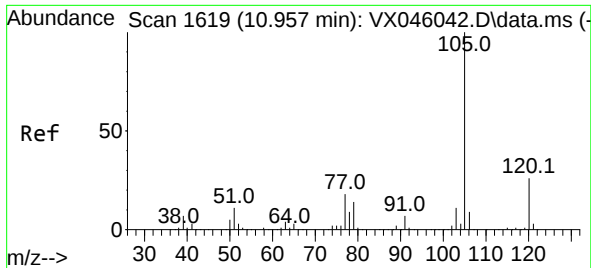
Reviewed By :John Carlone 05/12/2025
Supervised By :Mahesh Dadoda 05/12/2025



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX046123.D
Acq: 09 May 2025 18:20

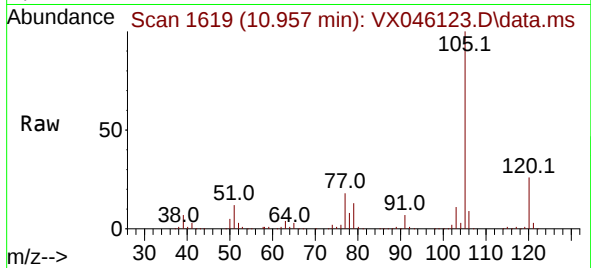
Tgt Ion:152 Resp: 65357
Ion Ratio Lower Upper
152 100
115 94.4 46.9 140.7
150 174.3 0.0 351.0





#73
Isopropylbenzene
Concen: 52.121 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VX046123.D
Acq: 09 May 2025 18:20

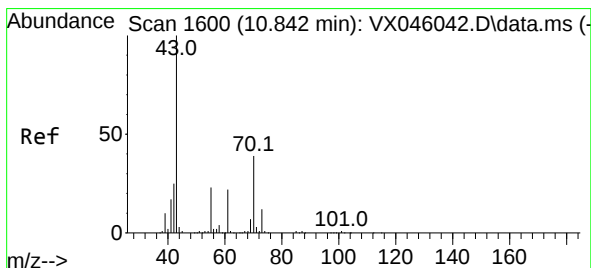
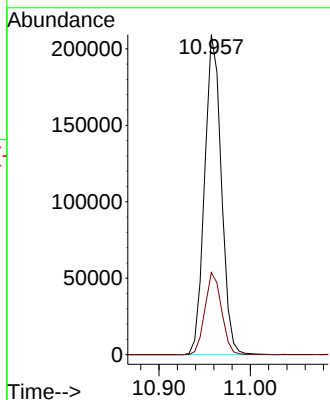
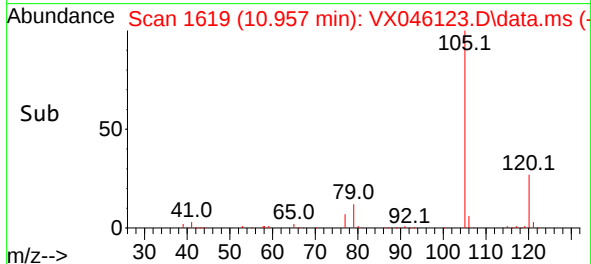
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:105 Resp: 26520
Ion Ratio Lower Upper
105 100
120 25.5 12.8 38.4

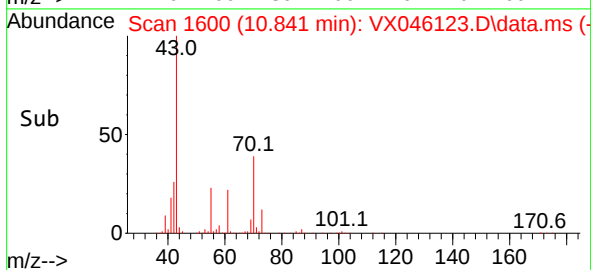
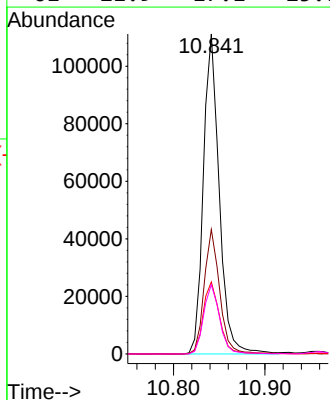
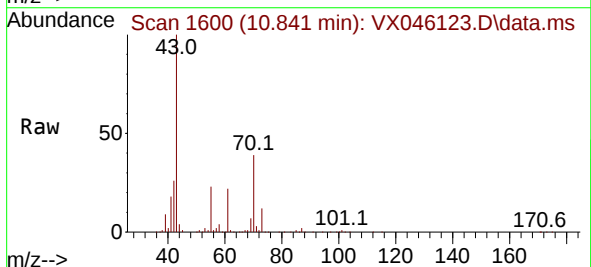
Manual Integrations
APPROVED

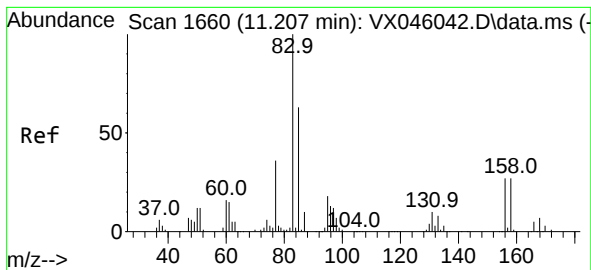
Reviewed By :John Carlone 05/12/2025
Supervised By :Mahesh Dadoda 05/12/2025



#74
N-ethyl acetate
Concen: 53.193 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX046123.D
Acq: 09 May 2025 18:20

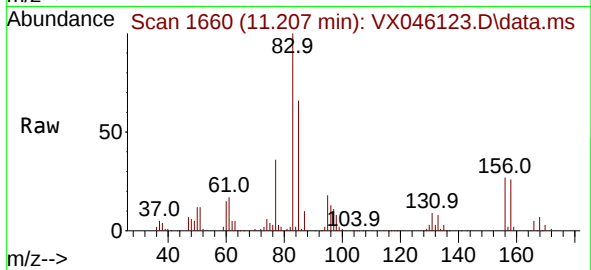
Tgt Ion: 43 Resp: 133744
Ion Ratio Lower Upper
43 100
70 38.2 30.9 46.3
55 23.5 18.7 28.1
61 21.9 17.1 25.7





#75
 1,1,2,2-Tetrachloroethane
 Concen: 49.489 ug/l
 RT: 11.207 min Scan# 1660
 Delta R.T. -0.000 min
 Lab File: VX046123.D
 Acq: 09 May 2025 18:20

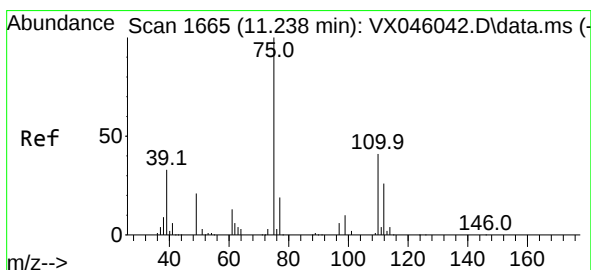
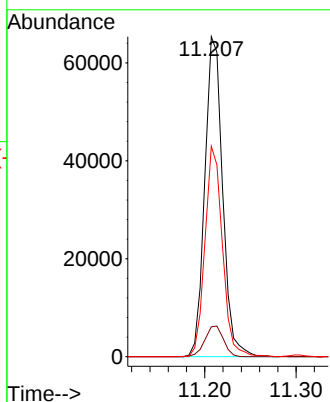
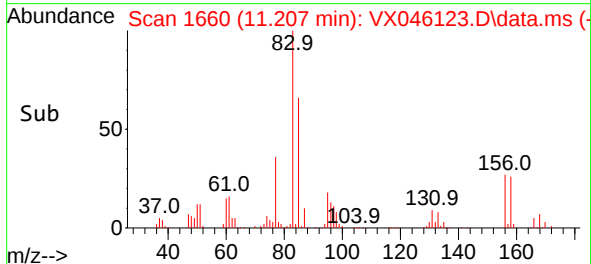
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 83 Resp: 88244
 Ion Ratio Lower Upper
 83 100
 131 10.0 5.0 14.9
 85 64.4 31.9 95.7

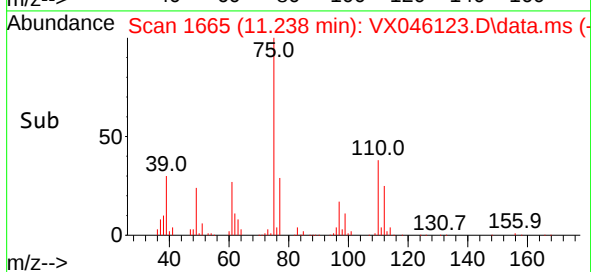
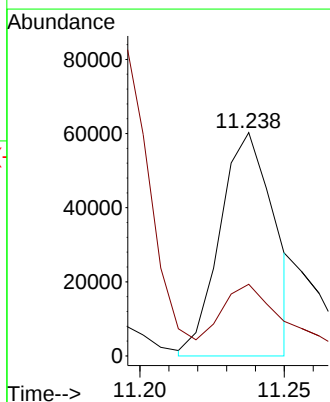
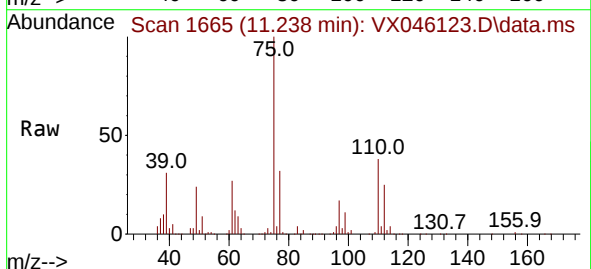
Manual Integrations
 APPROVED

Reviewed By :John Carlone 05/12/2025
 Supervised By :Mahesh Dadoda 05/12/2025



#76
 1,2,3-Trichloropropane
 Concen: 50.086 ug/l m
 RT: 11.238 min Scan# 1665
 Delta R.T. -0.000 min
 Lab File: VX046123.D
 Acq: 09 May 2025 18:20

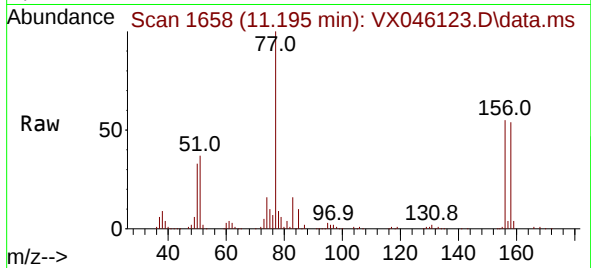
Tgt Ion: 75 Resp: 78794
 Ion Ratio Lower Upper
 75 100
 77 39.2 20.5 61.5





#77
Bromobenzene
Concen: 50.572 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VX046123.D
Acq: 09 May 2025 18:20

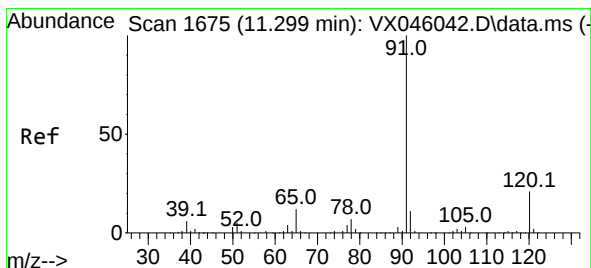
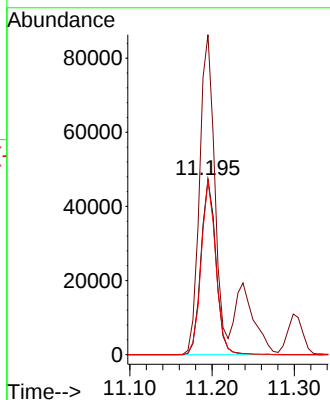
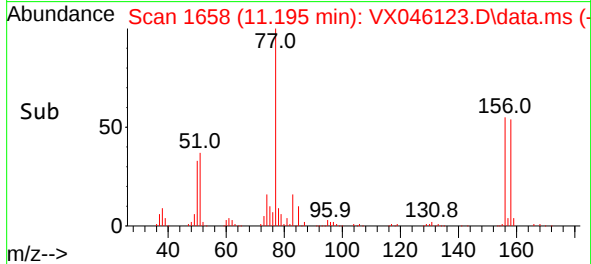
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



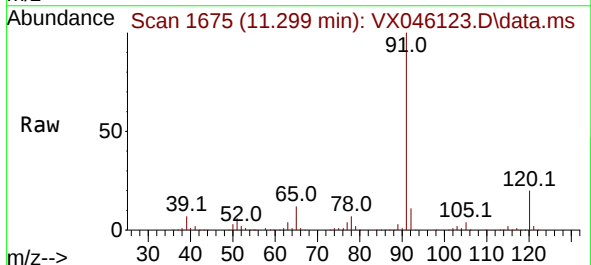
Tgt Ion:156 Resp: 5974
Ion Ratio Lower Upper
156 100
77 184.6 92.8 278.3
158 97.9 48.8 146.3

Manual Integrations
APPROVED

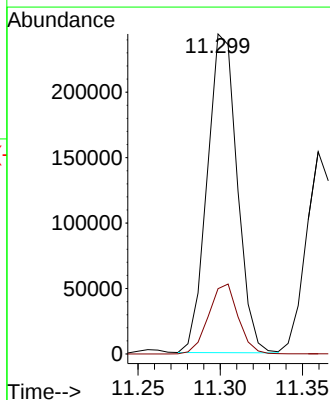
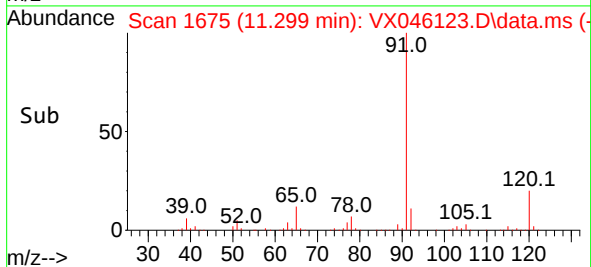
Reviewed By :John Carlone 05/12/2025
Supervised By :Mahesh Dadoda 05/12/2025



#78
n-propylbenzene
Concen: 52.198 ug/l
RT: 11.299 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VX046123.D
Acq: 09 May 2025 18:20



Tgt Ion: 91 Resp: 308820
Ion Ratio Lower Upper
91 100
120 21.7 10.8 32.4





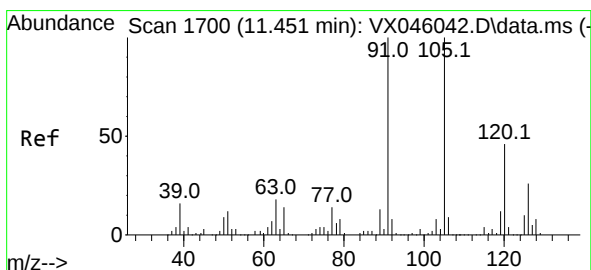
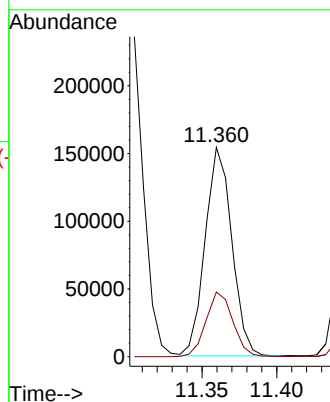
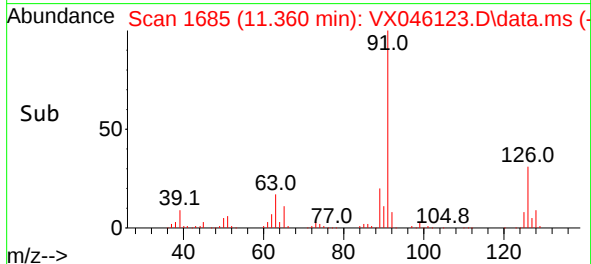
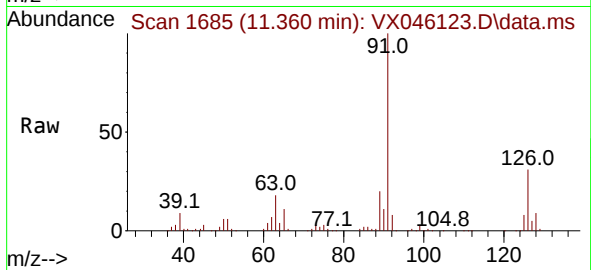
#79
2-Chlorotoluene
Concen: 50.130 ug/l
RT: 11.360 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VX046123.D
Acq: 09 May 2025 18:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 191299
Ion Ratio Lower Upper
91 100
126 31.2 15.6 46.7

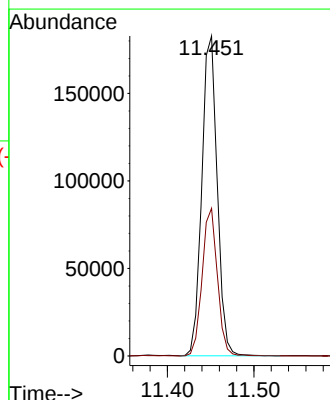
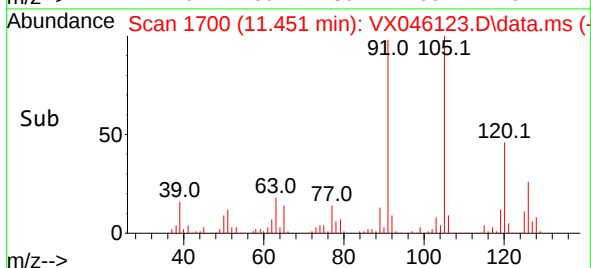
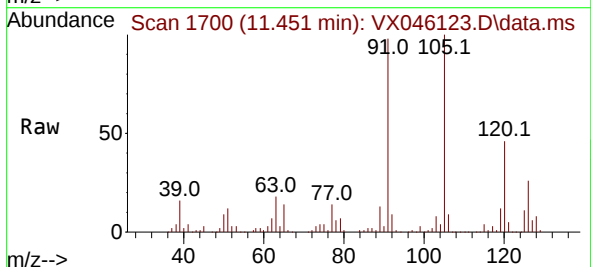
Manual Integrations
APPROVED

Reviewed By :John Carlone 05/12/2025
Supervised By :Mahesh Dadoda 05/12/2025



#80
1,3,5-Trimethylbenzene
Concen: 53.180 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX046123.D
Acq: 09 May 2025 18:20

Tgt Ion:105 Resp: 226060
Ion Ratio Lower Upper
105 100
120 45.7 23.1 69.2





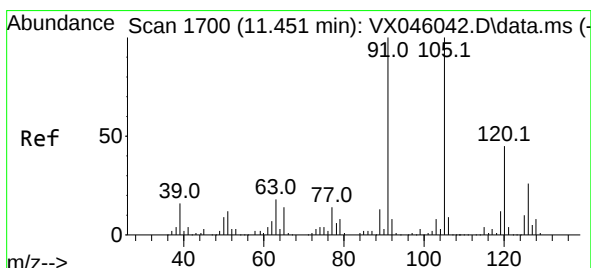
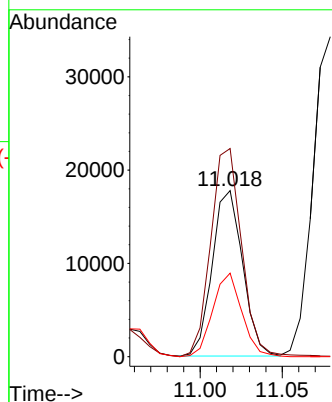
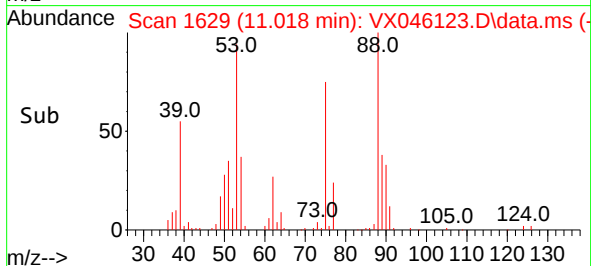
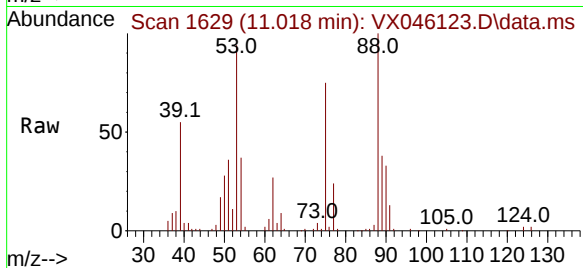
#81
trans-1,4-Dichloro-2-butene
Concen: 47.191 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX046123.D
Acq: 09 May 2025 18:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 2280
Ion Ratio Lower Upper
75 100
53 128.4 100.5 150.7
89 48.3 37.0 55.6

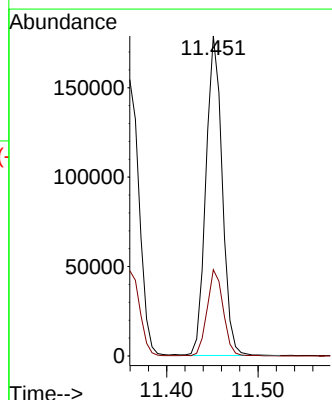
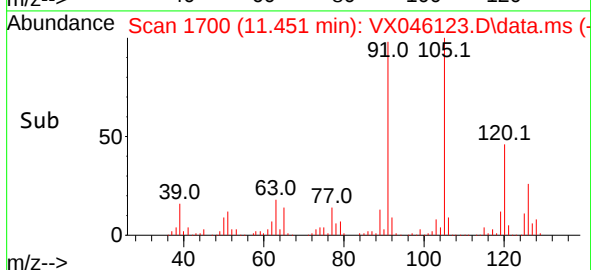
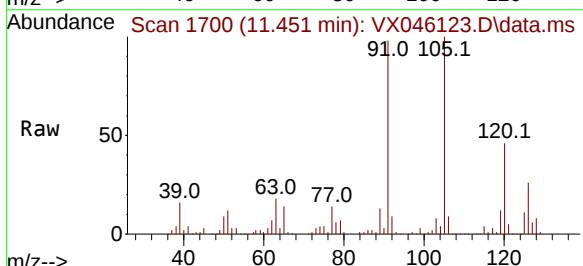
Manual Integrations
APPROVED

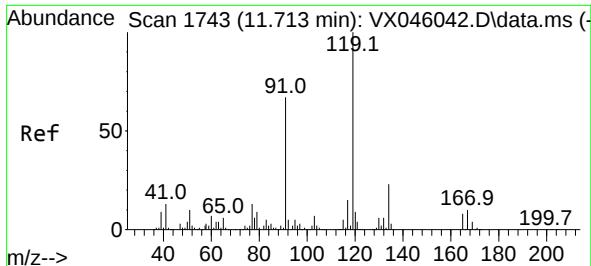
Reviewed By :John Carlone 05/12/2025
Supervised By :Mahesh Dadoda 05/12/2025



#82
4-Chlorotoluene
Concen: 52.185 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX046123.D
Acq: 09 May 2025 18:20

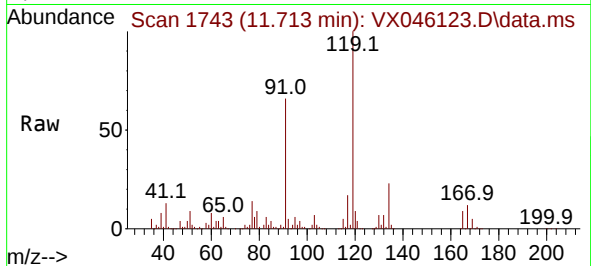
Tgt Ion: 91 Resp: 220839
Ion Ratio Lower Upper
91 100
126 26.8 13.3 39.8





#83
tert-Butylbenzene
Concen: 52.055 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX046123.D
Acq: 09 May 2025 18:20

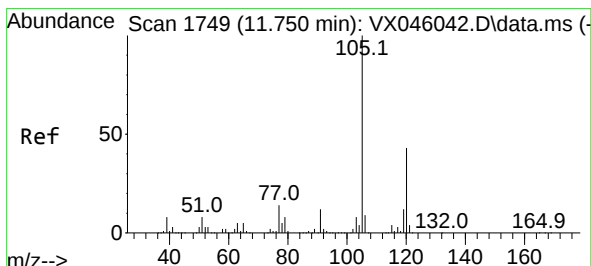
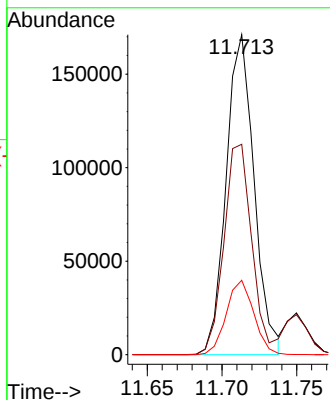
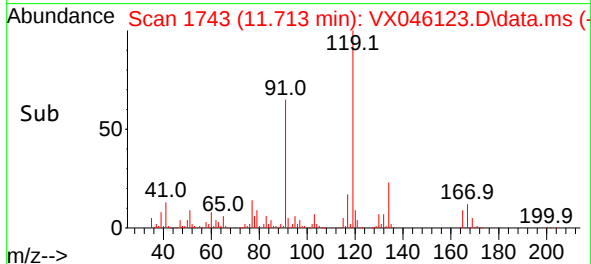
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



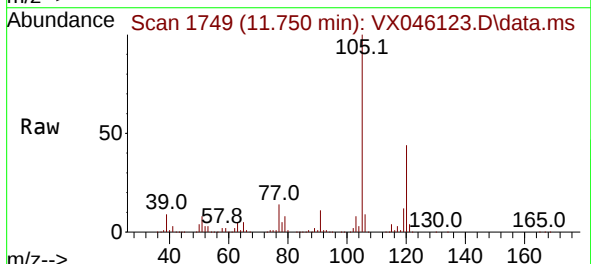
Tgt Ion:119 Resp: 222889
Ion Ratio Lower Upper
119 100
91 64.8 32.9 98.7
134 22.8 11.4 34.1

Manual Integrations
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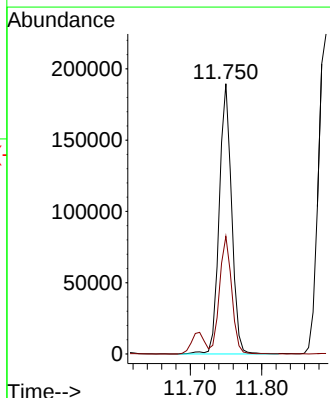
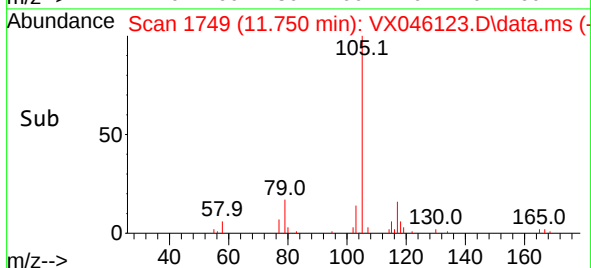
Reviewed By :John Carlone 05/12/2025
Supervised By :Mahesh Dadoda 05/12/2025



#84
1,2,4-Trimethylbenzene
Concen: 52.911 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX046123.D
Acq: 09 May 2025 18:20



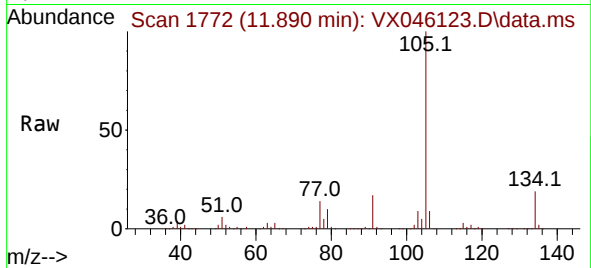
Tgt Ion:105 Resp: 227768
Ion Ratio Lower Upper
105 100
120 43.0 21.2 63.6





#85
 sec-Butylbenzene
 Concen: 52.431 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX046123.D
 Acq: 09 May 2025 18:20

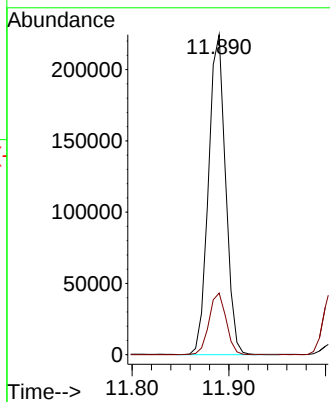
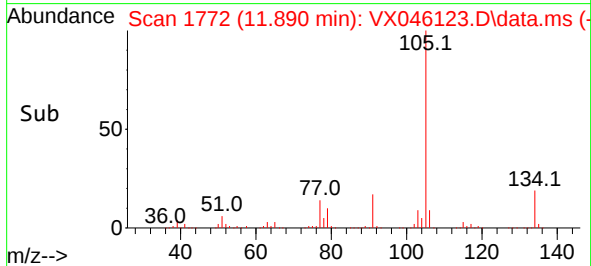
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



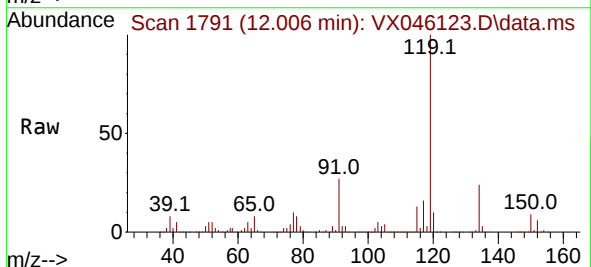
Tgt Ion:105 Resp: 275649
 Ion Ratio Lower Upper
 105 100
 134 19.3 9.7 29.1

Manual Integrations
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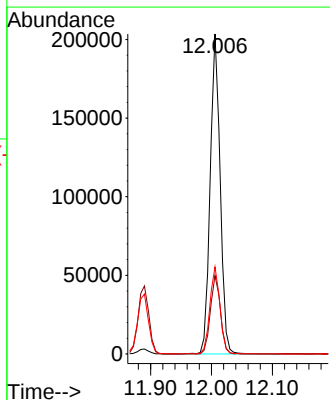
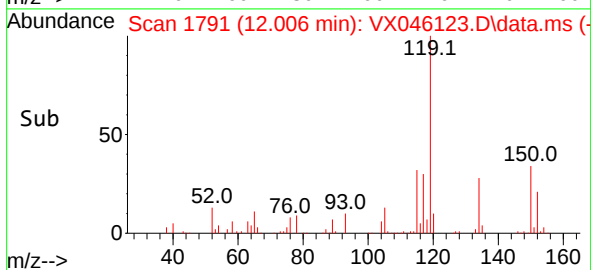
Reviewed By :John Carlone 05/12/2025
 Supervised By :Mahesh Dadoda 05/12/2025



#86
 p-Isopropyltoluene
 Concen: 53.044 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX046123.D
 Acq: 09 May 2025 18:20



Tgt Ion:119 Resp: 230191
 Ion Ratio Lower Upper
 119 100
 134 24.6 12.5 37.5
 91 27.5 13.8 41.4





#87

1,3-Dichlorobenzene

Concen: 51.304 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX046123.D

Acq: 09 May 2025 18:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:146 Resp: 110608

Ion Ratio Lower Upper

146 100

111 44.9 22.1 66.3

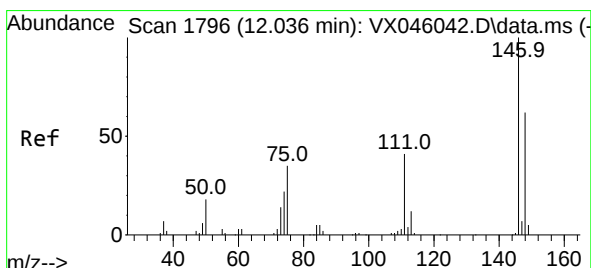
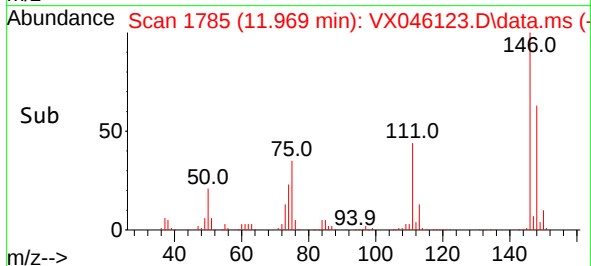
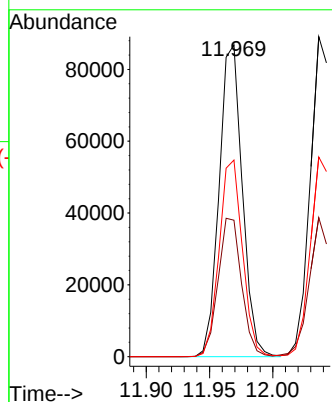
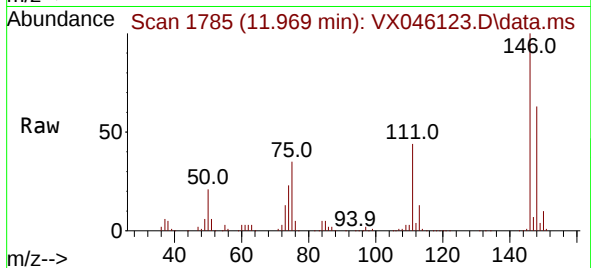
148 63.3 32.1 96.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/12/2025

Supervised By :Mahesh Dadoda 05/12/2025



#88

1,4-Dichlorobenzene

Concen: 50.657 ug/l

RT: 12.036 min Scan# 1796

Delta R.T. -0.000 min

Lab File: VX046123.D

Acq: 09 May 2025 18:20

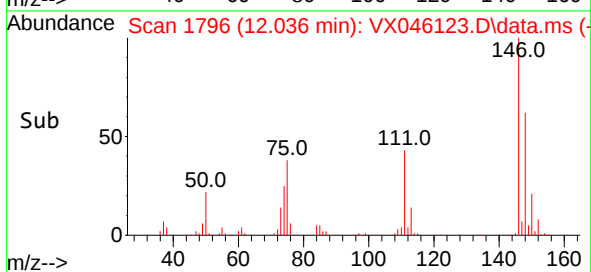
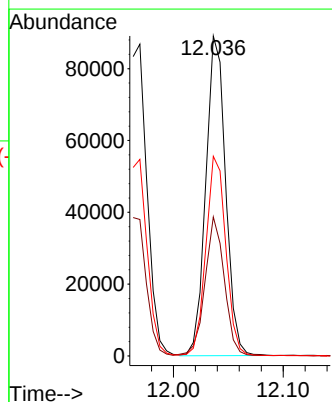
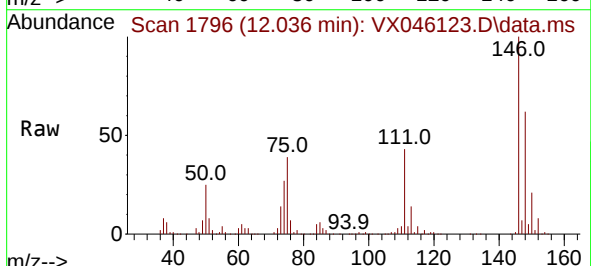
Tgt Ion:146 Resp: 111535

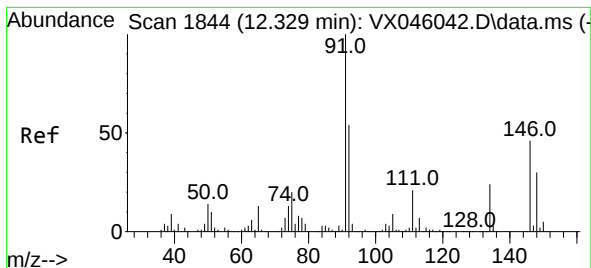
Ion Ratio Lower Upper

146 100

111 42.5 21.3 63.9

148 63.5 31.9 95.5





#89

n-Butylbenzene

Concen: 53.474 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. -0.000 min

Lab File: VX046123.D

Acq: 09 May 2025 18:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 20355

Ion Ratio Lower Upper

91 100

92 52.6 26.9 80.7

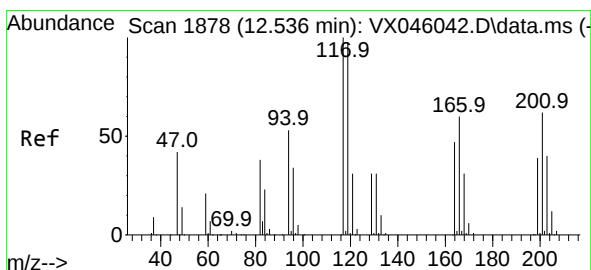
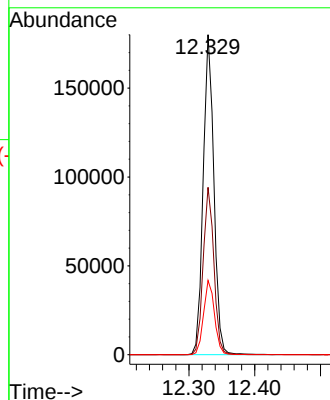
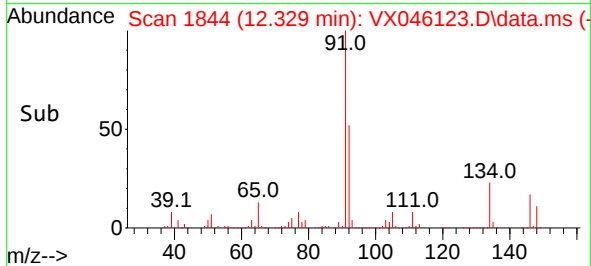
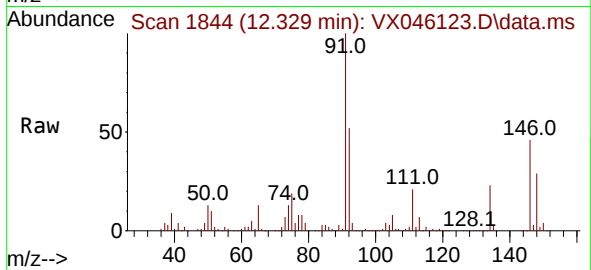
134 23.7 11.8 35.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/12/2025

Supervised By :Mahesh Dadoda 05/12/2025



#90

Hexachloroethane

Concen: 50.804 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. -0.000 min

Lab File: VX046123.D

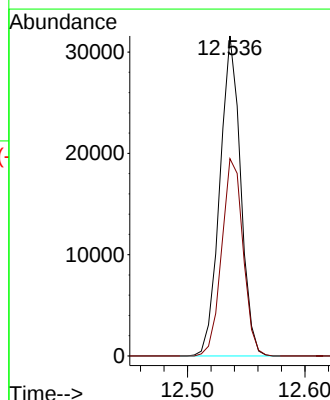
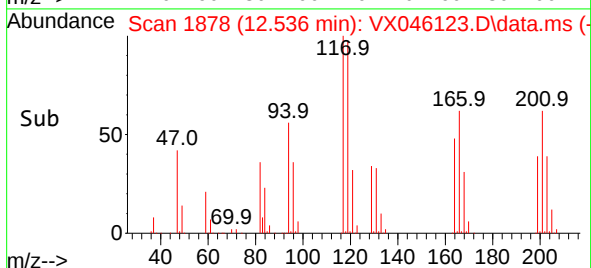
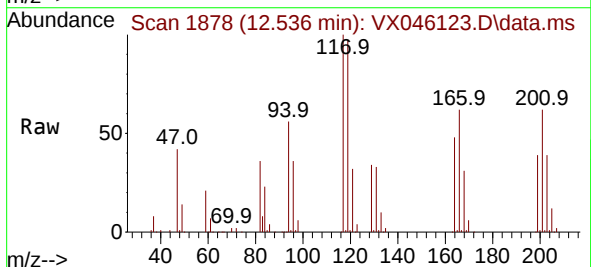
Acq: 09 May 2025 18:20

Tgt Ion:117 Resp: 38841

Ion Ratio Lower Upper

117 100

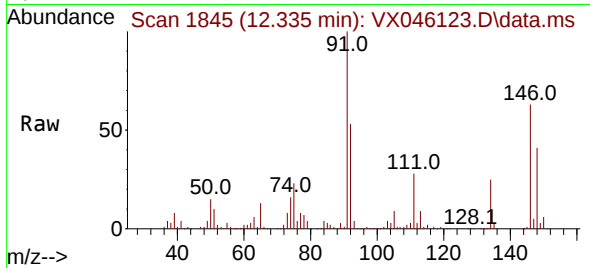
201 63.3 31.6 94.7





#91
1,2-Dichlorobenzene
Concen: 51.702 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX046123.D
Acq: 09 May 2025 18:20

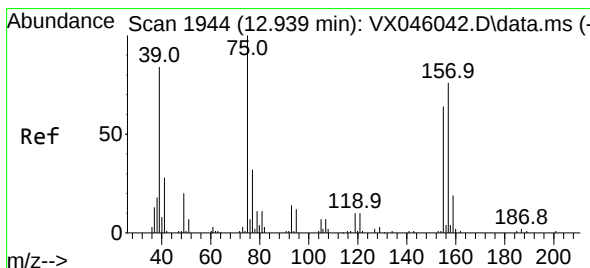
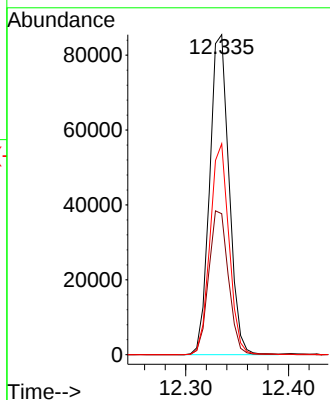
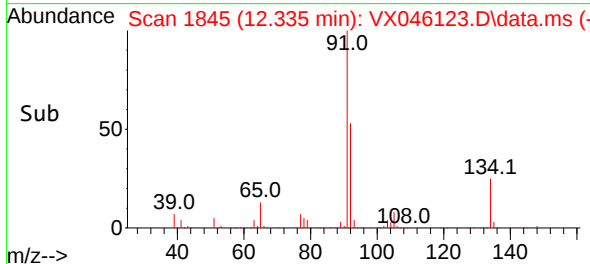
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



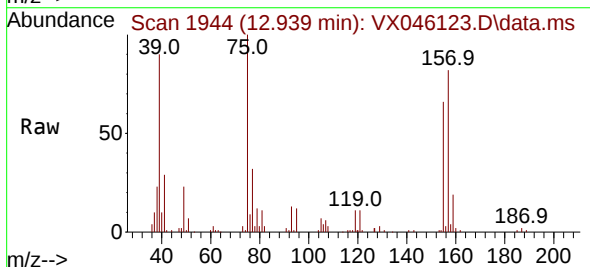
Tgt Ion:146 Resp: 11185
Ion Ratio Lower Upper
146 100
111 45.7 22.4 67.3
148 64.4 31.6 94.8

Manual Integrations
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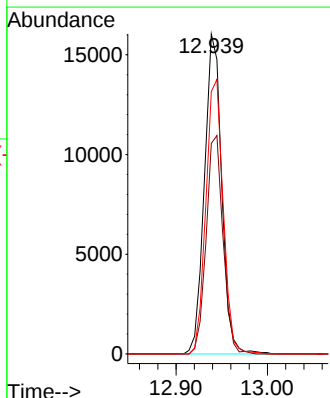
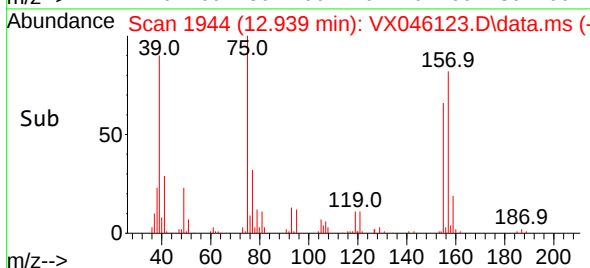
Reviewed By :John Carlone 05/12/2025
Supervised By :Mahesh Dadoda 05/12/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 53.115 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VX046123.D
Acq: 09 May 2025 18:20



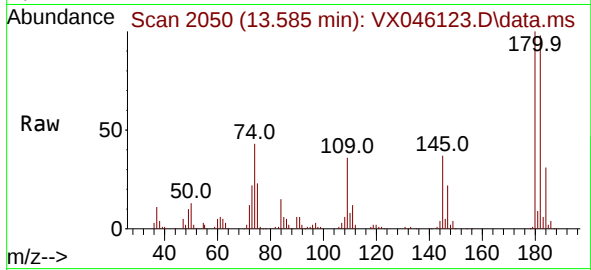
Tgt Ion: 75 Resp: 20981
Ion Ratio Lower Upper
75 100
155 66.7 34.9 104.8
157 86.0 43.8 131.4





#93
1,2,4-Trichlorobenzene
Concen: 50.234 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. -0.000 min
Lab File: VX046123.D
Acq: 09 May 2025 18:20

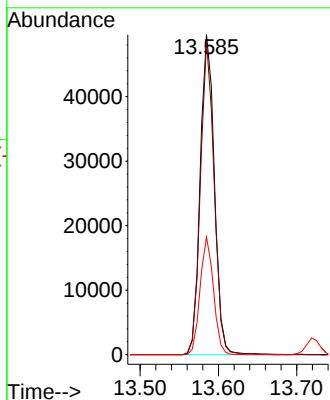
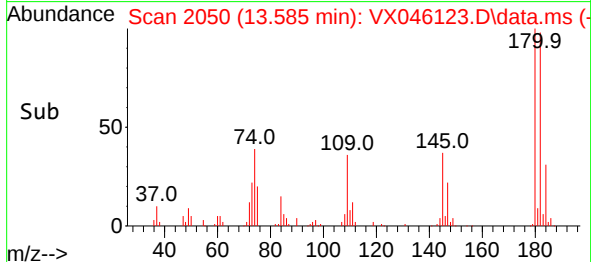
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



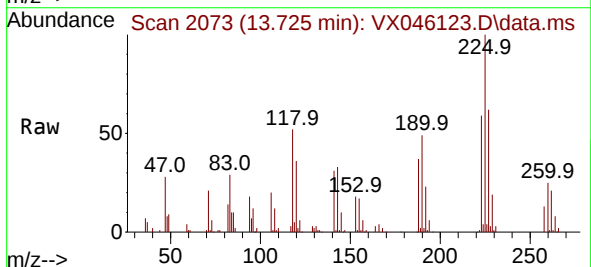
Tgt Ion:180 Resp: 62420
Ion Ratio Lower Upper
180 100
182 94.5 47.9 143.8
145 34.6 17.1 51.2

Manual Integrations
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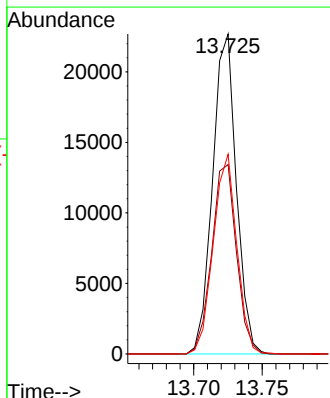
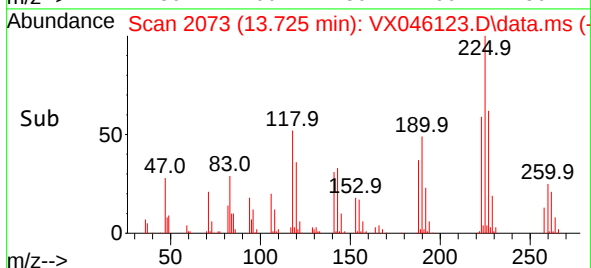
Reviewed By :John Carlone 05/12/2025
Supervised By :Mahesh Dadoda 05/12/2025

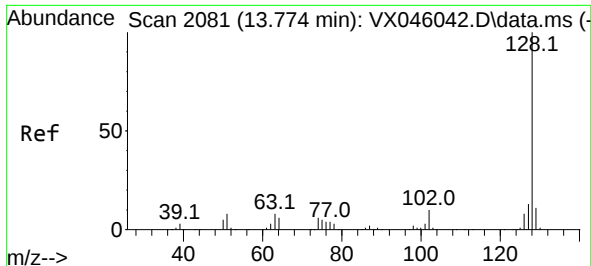


#94
Hexachlorobutadiene
Concen: 50.345 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX046123.D
Acq: 09 May 2025 18:20



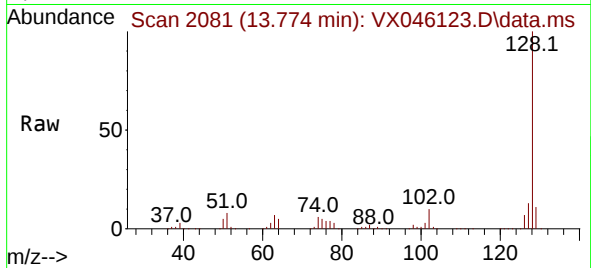
Tgt Ion:225 Resp: 27322
Ion Ratio Lower Upper
225 100
223 61.8 30.8 92.4
227 61.8 30.9 92.7





#95
Naphthalene
Concen: 50.715 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX046123.D
Acq: 09 May 2025 18:20

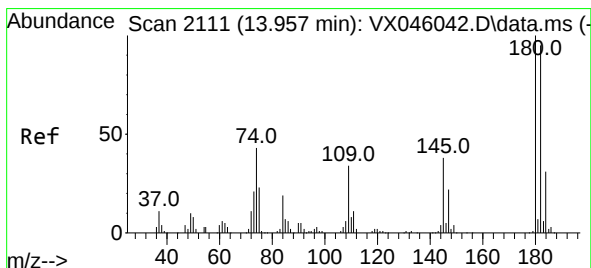
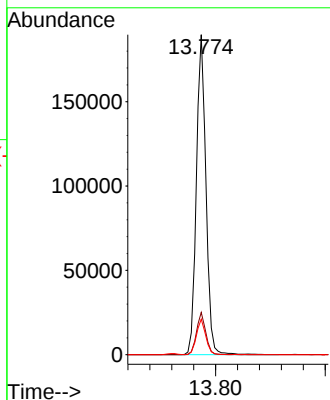
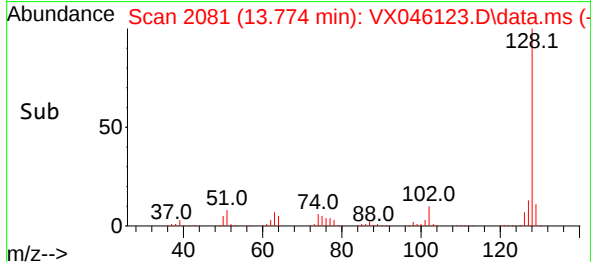
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:128 Resp: 231130
Ion Ratio Lower Upper
128 100
127 12.7 10.4 15.6
129 10.8 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/12/2025
Supervised By :Mahesh Dadoda 05/12/2025



#96
1,2,3-Trichlorobenzene
Concen: 50.626 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. -0.000 min
Lab File: VX046123.D
Acq: 09 May 2025 18:20

Tgt Ion:180 Resp: 64910
Ion Ratio Lower Upper
180 100
182 95.4 47.8 143.3
145 36.7 18.1 54.3

