

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081525\
 Data File : VX047351.D
 Acq On : 15 Aug 2025 10:22
 Operator : JC/MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/18/2025
 Supervised By : Mahesh Dadoda 08/19/2025

Quant Time: Aug 18 02:53:59 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 18 02:51:35 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.568	168	238847	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	405572	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	363128	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	177366	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	167238	50.030	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 100.060%			
35) Dibromofluoromethane	5.397	113	134437	51.074	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.140%			
50) Toluene-d8	8.653	98	475041	50.492	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 100.980%			
62) 4-Bromofluorobenzene	11.079	95	173764	50.050	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 100.100%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.185	85	174629	57.354	ug/l	100
3) Chloromethane	1.313	50	148962	54.385	ug/l	100
4) Vinyl Chloride	1.392	62	191163	55.604	ug/l	100
5) Bromomethane	1.630	94	80221	57.770	ug/l	100
6) Chloroethane	1.709	64	110475	52.521	ug/l	100
7) Trichlorofluoromethane	1.904	101	283655	55.781	ug/l	100
8) Diethyl Ether	2.148	74	99184	55.393	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.349	101	166491	56.441	ug/l	100
10) Methyl Iodide	2.471	142	277741	54.943	ug/l	100
11) Tert butyl alcohol	2.959	59	81382	279.856	ug/l	100
12) 1,1-Dichloroethene	2.337	96	166359	55.319	ug/l	100
13) Acrolein	2.251	56	157735	256.954	ug/l	100
14) Allyl chloride	2.678	41	289338	55.394	ug/l	100
15) Acrylonitrile	3.081	53	405784	288.775	ug/l	100
16) Acetone	2.392	43	334538	266.252	ug/l	100
17) Carbon Disulfide	2.532	76	476020	52.455	ug/l	100
18) Methyl Acetate	2.715	43	183721	56.425	ug/l	100
19) Methyl tert-butyl Ether	3.123	73	519477	56.782	ug/l	100
20) Methylene Chloride	2.806	84	180921	54.377	ug/l	100
21) trans-1,2-Dichloroethene	3.105	96	173226	54.272	ug/l	100
22) Diisopropyl ether	3.776	45	587571	56.909	ug/l	100
23) Vinyl Acetate	3.733	43	2436350	287.897	ug/l	100
24) 1,1-Dichloroethane	3.623	63	323982	55.516	ug/l	100
25) 2-Butanone	4.568	43	464136	282.051	ug/l	100
26) 2,2-Dichloropropane	4.495	77	242859	55.137	ug/l	100
27) cis-1,2-Dichloroethene	4.501	96	202109	54.366	ug/l	100
28) Bromochloromethane	4.910	49	129079	53.153	ug/l	100
29) Tetrahydrofuran	5.025	42	293474	275.925	ug/l	100
30) Chloroform	5.105	83	326781	54.867	ug/l	100
31) Cyclohexane	5.483	56	288914	53.705	ug/l	100
32) 1,1,1-Trichloroethane	5.397	97	285500	55.692	ug/l	100
36) 1,1-Dichloropropene	5.708	75	228086	54.893	ug/l	100
37) Ethyl Acetate	4.721	43	239310	55.477	ug/l	100
38) Carbon Tetrachloride	5.690	117	246368	54.258	ug/l	100
39) Methylcyclohexane	7.391	83	281960	54.402	ug/l	100
40) Benzene	6.050	78	689965	55.477	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.940	41	104680	57.547	ug/l	100
42) 1,2-Dichloroethane	6.098	62	243489	55.271	ug/l	100
43) Isopropyl Acetate	6.348	43	352090	56.817	ug/l	100
44) Trichloroethene	7.135	130	175409	55.081	ug/l	100
45) 1,2-Dichloropropane	7.433	63	170556	54.740	ug/l	100
46) Dibromomethane	7.586	93	122428	54.124	ug/l	100
47) Bromodichloromethane	7.824	83	257393	54.888	ug/l	100
48) Methyl methacrylate	7.696	41	180568	56.136	ug/l	100
49) 1,4-Dioxane	7.677	88	36298	1188.274	ug/l	100
51) 4-Methyl-2-Pentanone	8.573	43	1031709	289.311	ug/l	100
52) Toluene	8.720	92	428577	55.767	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	237021	57.913	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	260352	56.202	ug/l	100
55) 1,1,2-Trichloroethane	9.153	97	160439	54.984	ug/l	100
56) Ethyl methacrylate	9.116	69	250221	58.164	ug/l	100
57) 1,3-Dichloropropane	9.311	76	271755	54.656	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	555513	269.738	ug/l	100
59) 2-Hexanone	9.433	43	703268	285.099	ug/l	100
60) Dibromochloromethane	9.518	129	188384	54.326	ug/l	100
61) 1,2-Dibromoethane	9.610	107	165776	55.095	ug/l	100
64) Tetrachloroethene	9.275	164	144361	54.962	ug/l	100
65) Chlorobenzene	10.079	112	467009	54.119	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	160305	54.954	ug/l	100
67) Ethyl Benzene	10.195	91	826783	55.667	ug/l	100
68) m/p-Xylenes	10.299	106	622895	112.475	ug/l	100
69) o-Xylene	10.640	106	295290	55.407	ug/l	100
70) Styrene	10.652	104	512239	56.883	ug/l	100
71) Bromoform	10.799	173	121692	55.530	ug/l	100
73) Isopropylbenzene	10.963	105	780181	56.210	ug/l	100
74) N-amyl acetate	10.841	43	306720	58.194	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.207	83	225063	55.228	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	179785m	55.266	ug/l	
77) Bromobenzene	11.195	156	186832	55.124	ug/l	100
78) n-propylbenzene	11.299	91	918573	55.413	ug/l	100
79) 2-Chlorotoluene	11.360	91	549070	54.793	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	636323	55.720	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	35295	47.608	ug/l	100
82) 4-Chlorotoluene	11.451	91	643830	54.505	ug/l	100
83) tert-Butylbenzene	11.713	119	641951	56.344	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	646548	56.614	ug/l	100
85) sec-Butylbenzene	11.890	105	783341	55.470	ug/l	100
86) p-Isopropyltoluene	12.006	119	660872	55.303	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	351718	54.320	ug/l	100
88) 1,4-Dichlorobenzene	12.036	146	352196	52.886	ug/l	100
89) n-Butylbenzene	12.329	91	610840	54.957	ug/l	100
90) Hexachloroethane	12.536	117	115780	55.228	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	330287	53.742	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.939	75	43861	55.654	ug/l	100
93) 1,2,4-Trichlorobenzene	13.585	180	218820	53.111	ug/l	100
94) Hexachlorobutadiene	13.725	225	71744	48.921	ug/l	100
95) Naphthalene	13.774	128	670303	56.930	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	208179	53.605	ug/l	100

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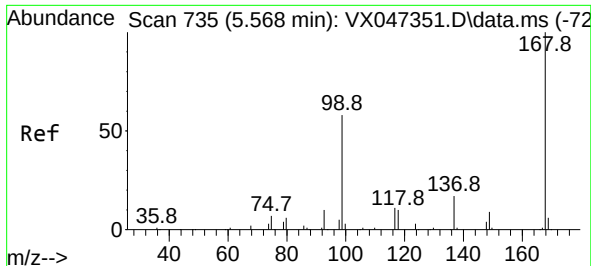
Manual Integrations
APPROVED

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Response via : Initial Calibration

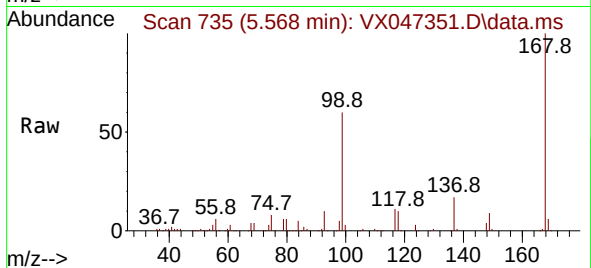
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 71
Delta R.T. -0.000 min
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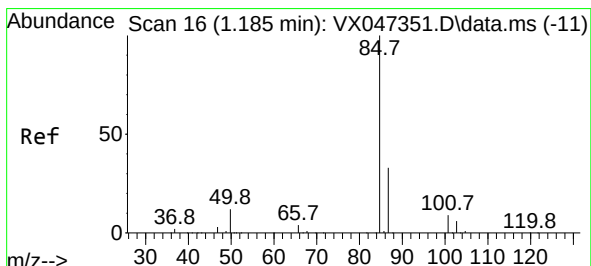
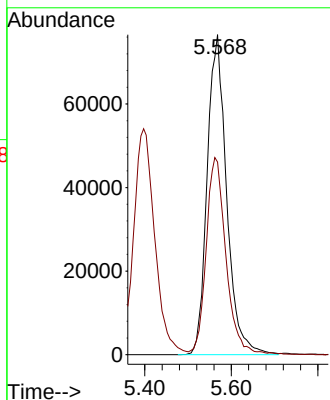
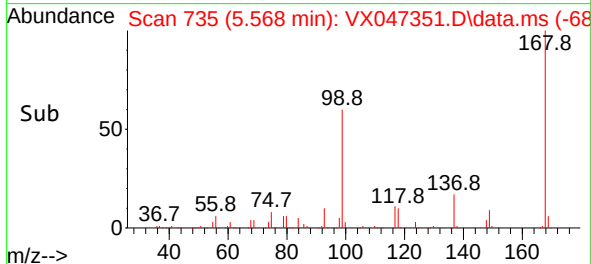
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



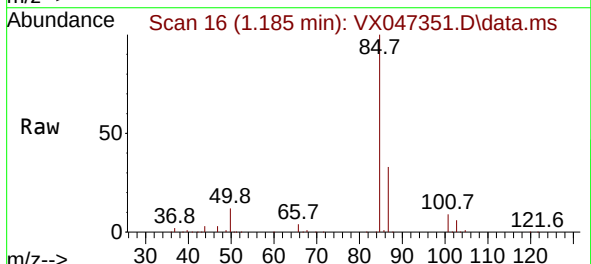
Tgt Ion:168 Resp: 23884
Ion Ratio Lower Upper
168 100
99 59.9 47.9 71.9

Manual Integrations
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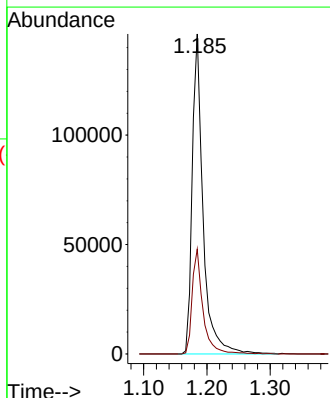
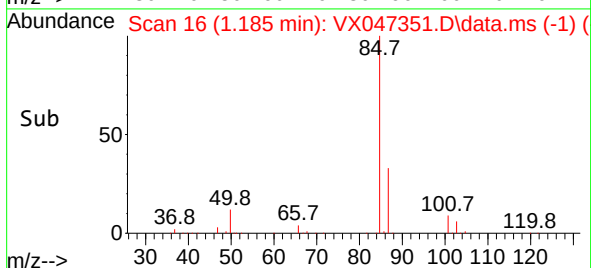
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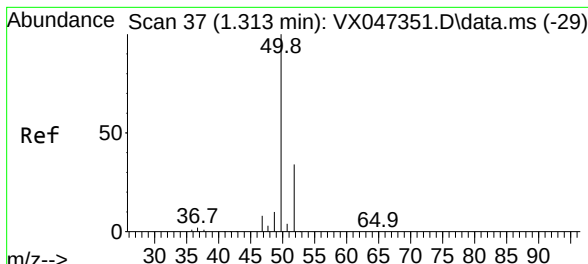


#2
Dichlorodifluoromethane
Concen: 57.354 ug/l
RT: 1.185 min Scan# 16
Delta R.T. 0.000 min
Lab File: VX047351.D
Acq: 15 Aug 2025 10:22



Tgt Ion: 85 Resp: 174629
Ion Ratio Lower Upper
85 100
87 32.7 16.4 49.1





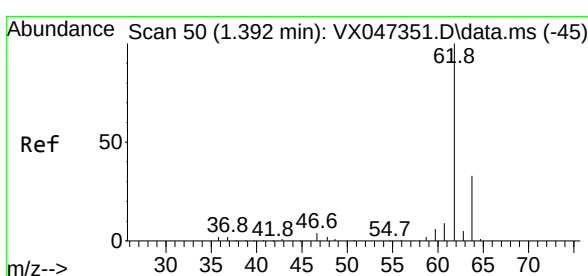
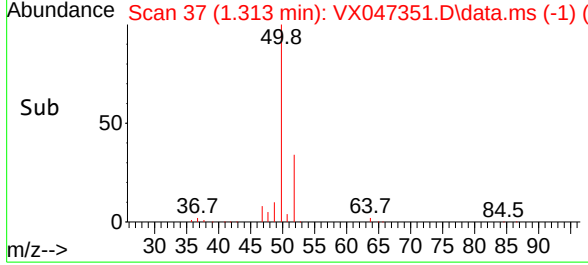
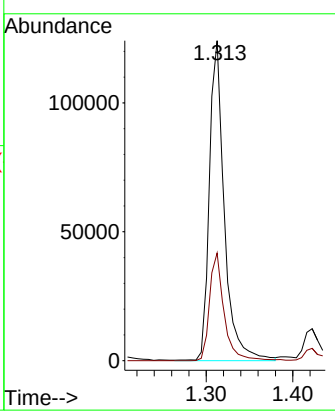
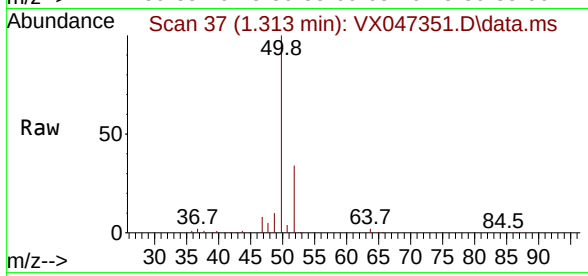
#3
 Chloromethane
 Concen: 54.385 ug/l
 RT: 1.313 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VX047351.D
 Acq: 15 Aug 2025 10:22

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 ClientSampleId : VSTDICCC050

Tgt Ion: 50 Resp: 148962

Ion	Ratio	Lower	Upper
50	100		
52	33.7	27.0	40.4

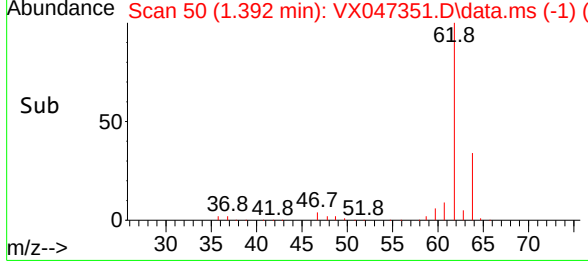
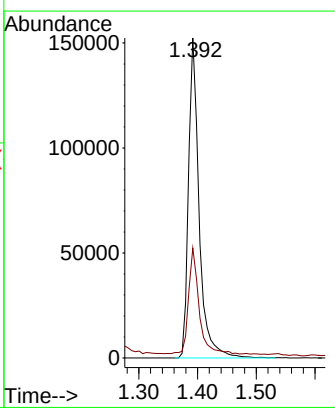
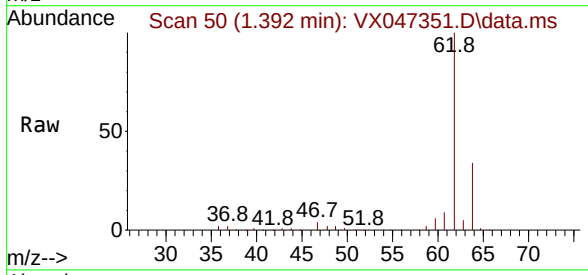
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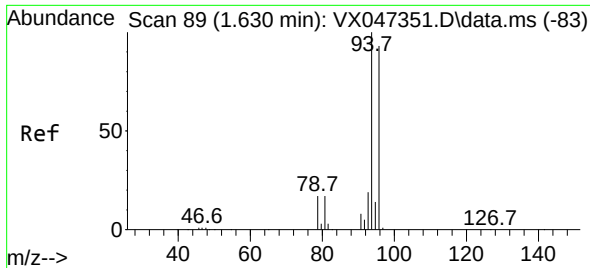


#4
 Vinyl Chloride
 Concen: 55.604 ug/l
 RT: 1.392 min Scan# 50
 Delta R.T. 0.000 min
 Lab File: VX047351.D
 Acq: 15 Aug 2025 10:22

Tgt Ion: 62 Resp: 191163

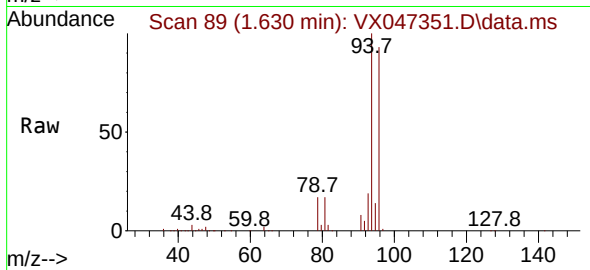
Ion	Ratio	Lower	Upper
62	100		
64	33.1	26.5	39.7





#5
Bromomethane
Concen: 57.770 ug/l
RT: 1.630 min Scan# 89
Delta R.T. 0.000 min
Lab File: VX047351.D
Acq: 15 Aug 2025 10:22

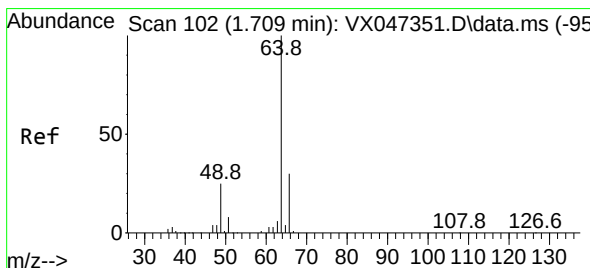
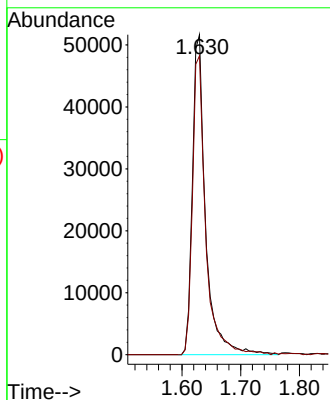
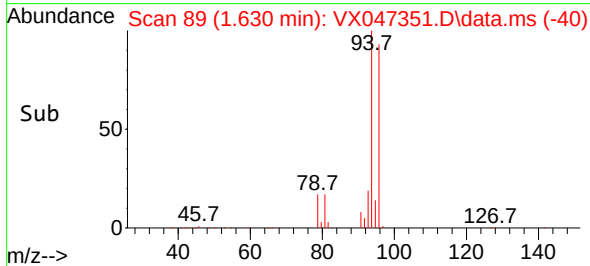
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 94 Resp: 8022
Ion Ratio Lower Upper
94 100
96 93.4 74.7 112.1

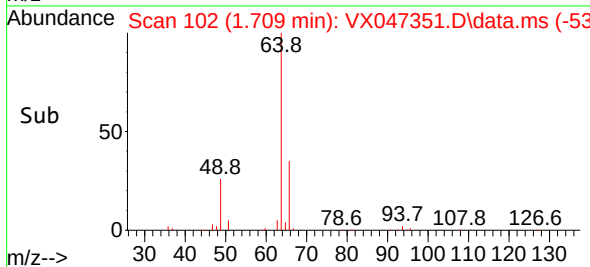
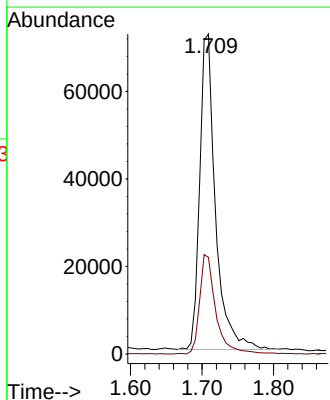
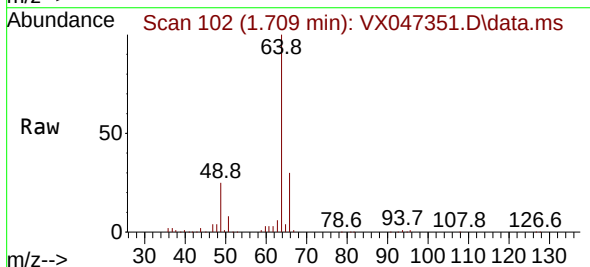
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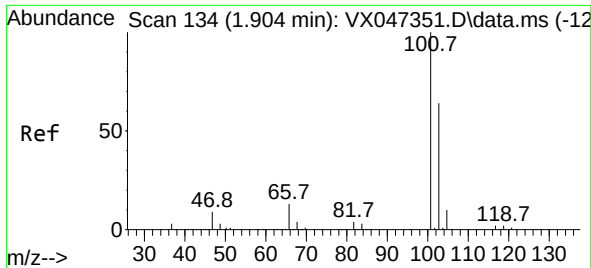
Reviewed By :John Carlone 08/18/2025
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#6
Chloroethane
Concen: 52.521 ug/l
RT: 1.709 min Scan# 102
Delta R.T. 0.000 min
Lab File: VX047351.D
Acq: 15 Aug 2025 10:22

Tgt Ion: 64 Resp: 110475
Ion Ratio Lower Upper
64 100
66 30.5 24.4 36.6





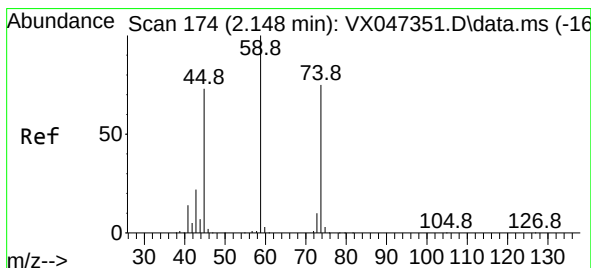
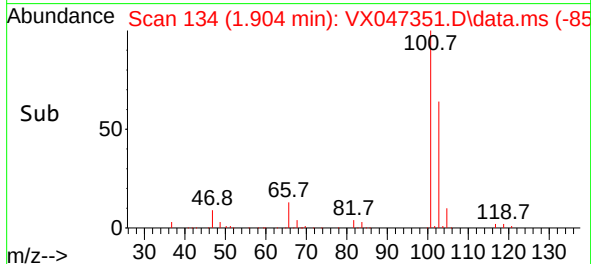
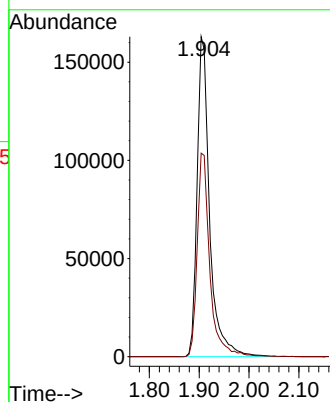
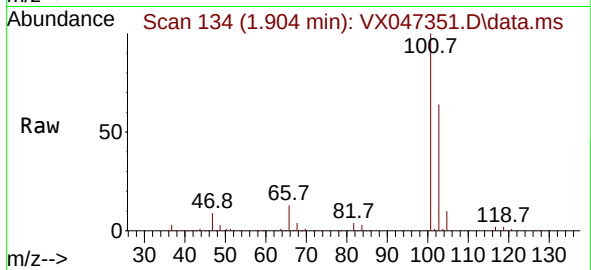
#7
Trichlorofluoromethane
Concen: 55.781 ug/l
RT: 1.904 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX047351.D
Acq: 15 Aug 2025 10:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:101 Resp: 28365
Ion Ratio Lower Upper
101 100
103 63.6 50.9 76.3

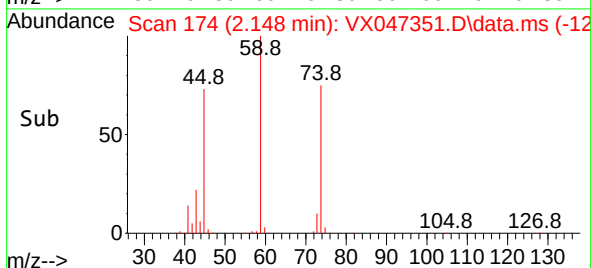
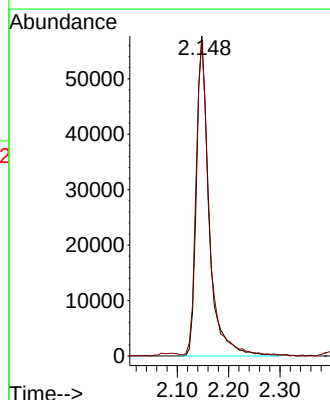
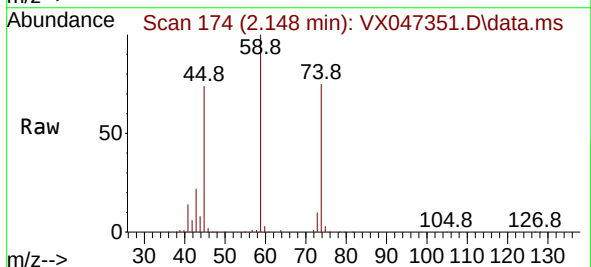
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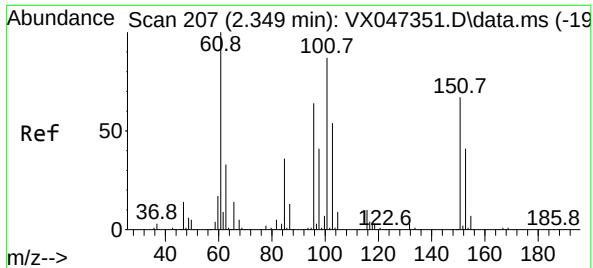
Reviewed By :John Carlone 08/18/2025
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#8
Diethyl Ether
Concen: 55.393 ug/l
RT: 2.148 min Scan# 174
Delta R.T. 0.000 min
Lab File: VX047351.D
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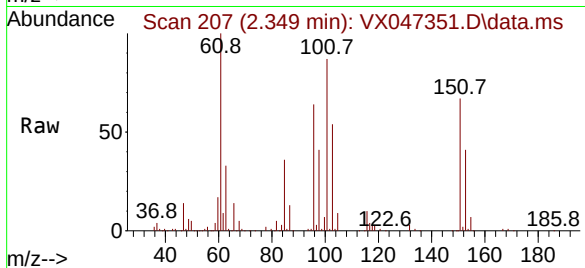
Tgt Ion: 74 Resp: 99184
Ion Ratio Lower Upper
74 100
45 102.7 51.3 154.0





#9
1,1,2-Trichlorotrifluoroethane
Concen: 56.441 ug/l
RT: 2.349 min Scan# 207
Delta R.T. 0.000 min
Lab File: VX047351.D
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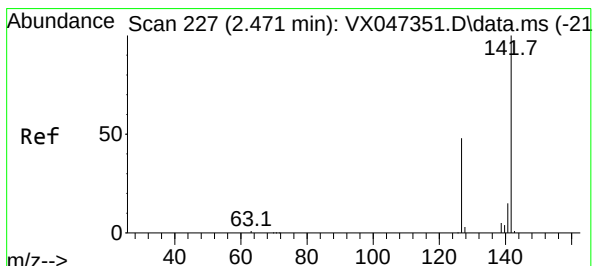
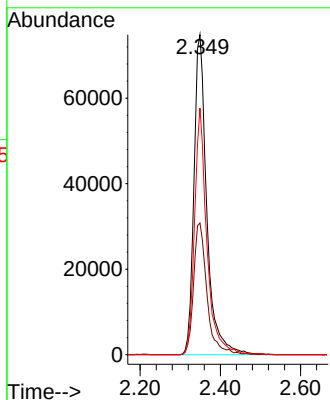
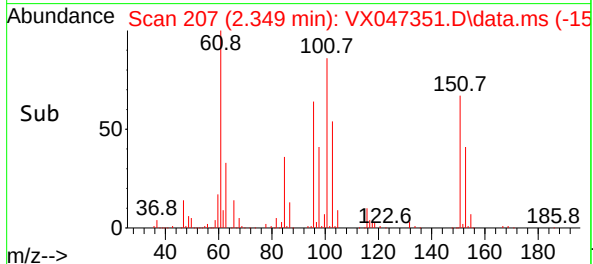
Instrument :
MSVOA_X
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VSTDICCC050



Tgt Ion:101 Resp: 16649
Ion Ratio Lower Upper
101 100
85 42.9 34.3 51.5
151 74.0 59.2 88.8

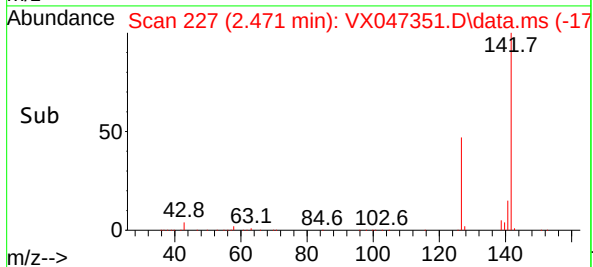
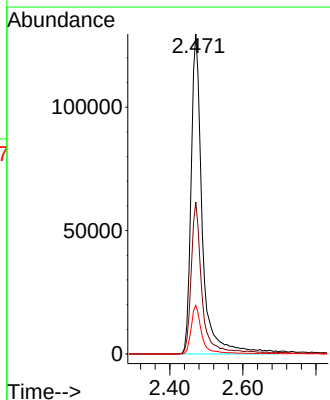
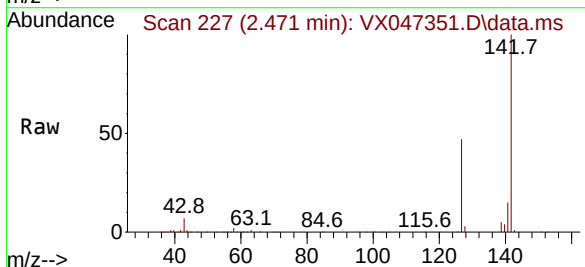
Manual Integrations
APPROVED

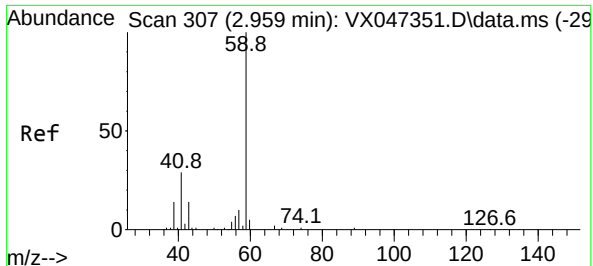
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025



#10
Methyl Iodide
Concen: 54.943 ug/l
RT: 2.471 min Scan# 227
Delta R.T. 0.000 min
Lab File: VX047351.D
Acq: 15 Aug 2025 10:22

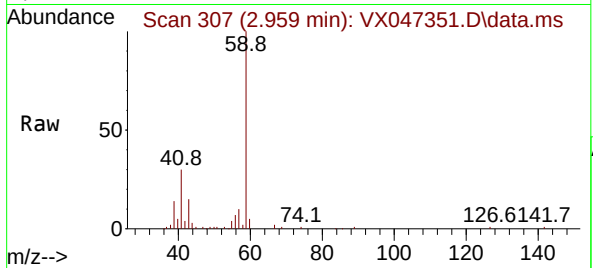
Tgt Ion:142 Resp: 277741
Ion Ratio Lower Upper
142 100
127 45.1 36.1 54.1
141 13.9 11.1 16.7





#11
Tert butyl alcohol
Concen: 279.856 ug/l
RT: 2.959 min Scan# 307
Delta R.T. 0.000 min
Lab File: VX047351.D
Acq: 15 Aug 2025 10:22

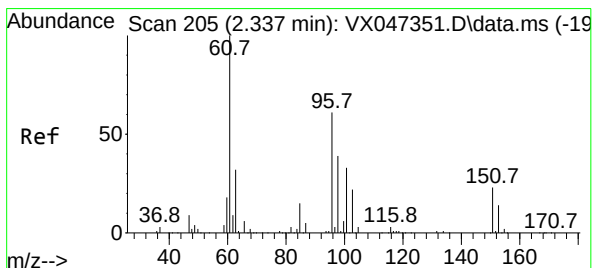
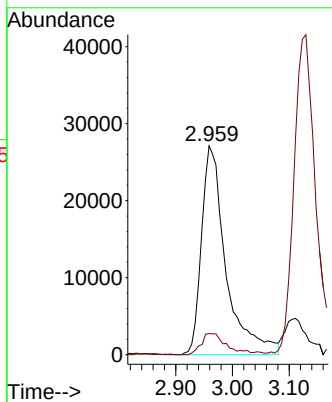
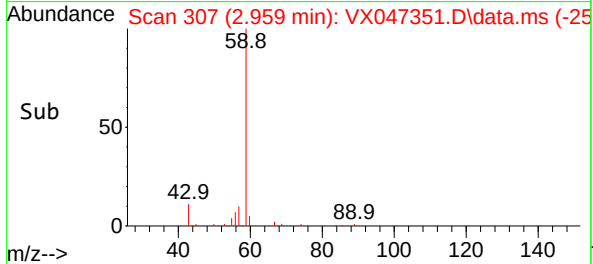
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



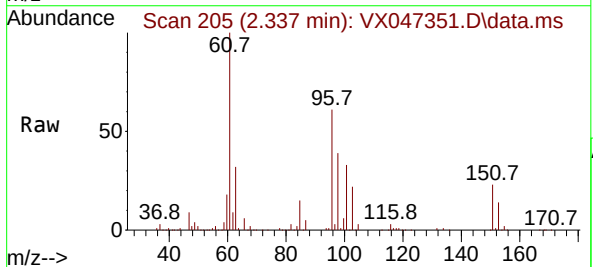
Tgt Ion: 59 Resp: 8138
Ion Ratio Lower Upper
59 100
57 10.4 8.3 12.5

Manual Integrations
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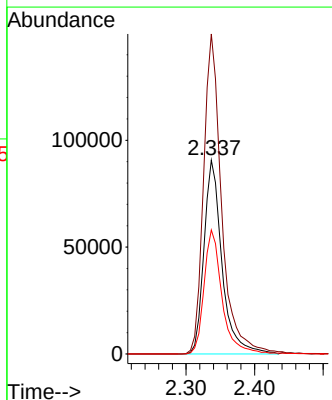
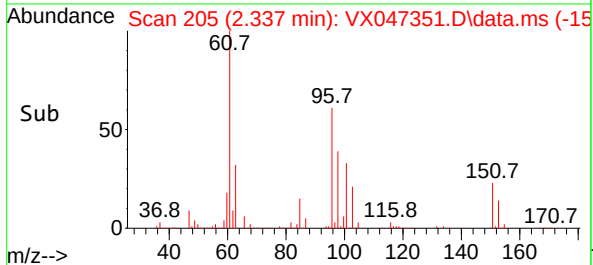
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025

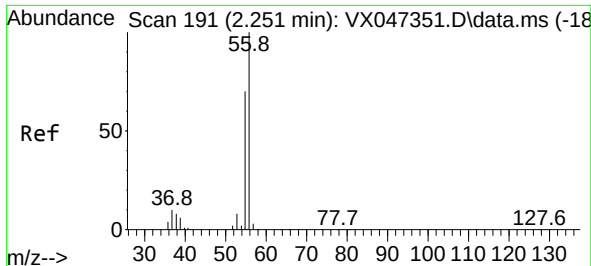


#12
1,1-Dichloroethene
Concen: 55.319 ug/l
RT: 2.337 min Scan# 205
Delta R.T. 0.000 min
Lab File: VX047351.D
Acq: 15 Aug 2025 10:22



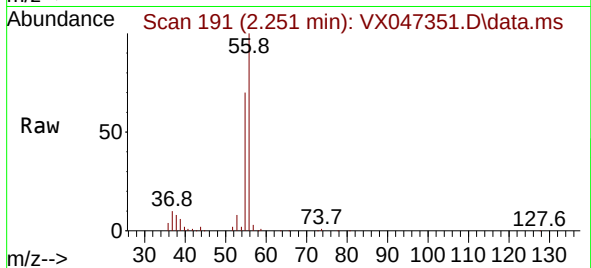
Tgt Ion: 96 Resp: 166359
Ion Ratio Lower Upper
96 100
61 165.2 132.2 198.2
98 64.0 51.2 76.8





#13
Acrolein
Concen: 256.954 ug/l
RT: 2.251 min Scan# 191
Delta R.T. 0.000 min
Lab File: VX047351.D
Acq: 15 Aug 2025 10:22

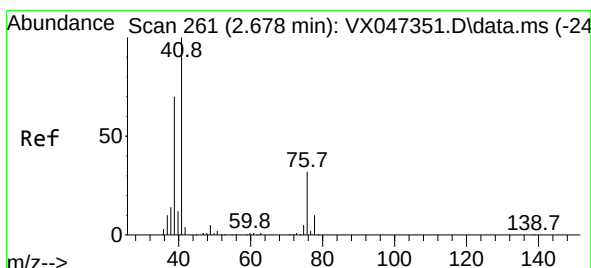
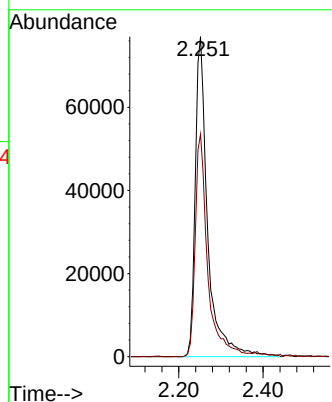
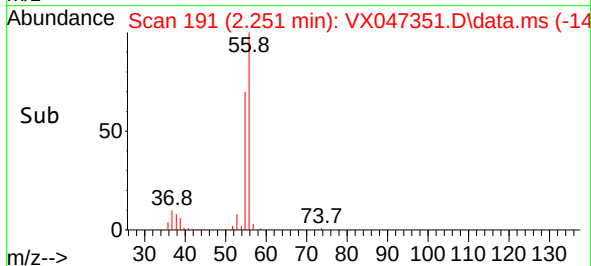
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 56 Resp: 157738
Ion Ratio Lower Upper
56 100
55 69.4 55.5 83.3

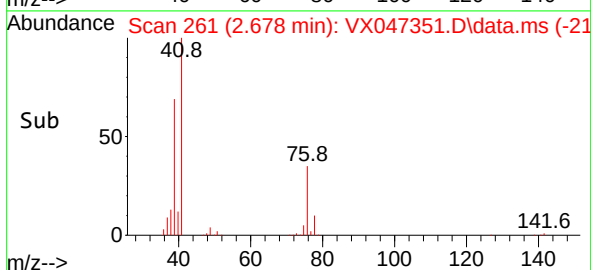
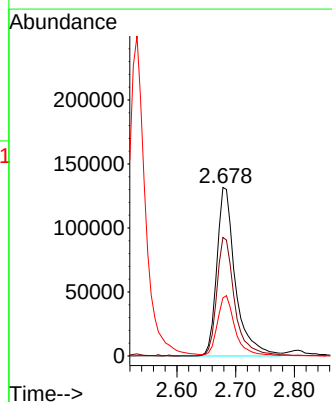
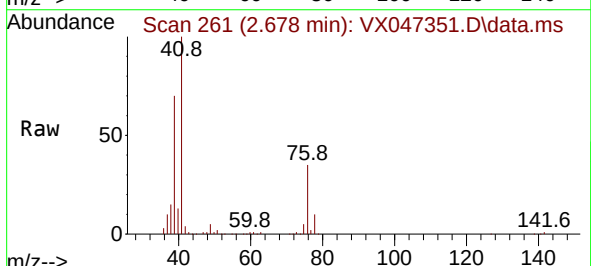
Manual Integrations
APPROVED

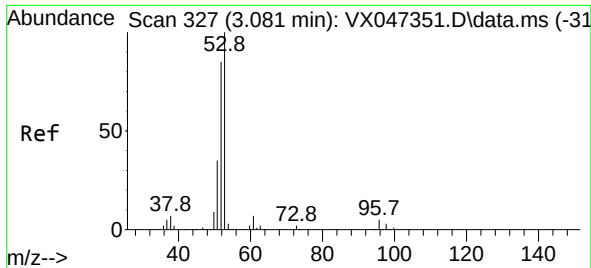
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025



#14
Allyl chloride
Concen: 55.394 ug/l
RT: 2.678 min Scan# 261
Delta R.T. 0.000 min
Lab File: VX047351.D
Acq: 15 Aug 2025 10:22

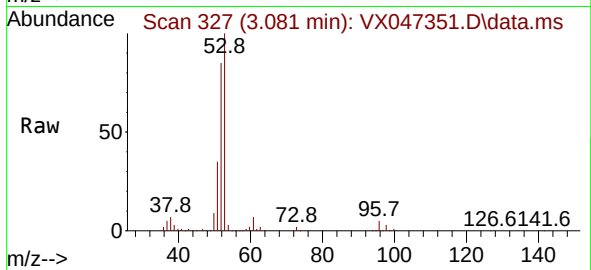
Tgt Ion: 41 Resp: 289338
Ion Ratio Lower Upper
41 100
39 68.2 54.6 81.8
76 34.5 27.6 41.4





#15
Acrylonitrile
Concen: 288.775 ug/l
RT: 3.081 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX047351.D
Acq: 15 Aug 2025 10:22

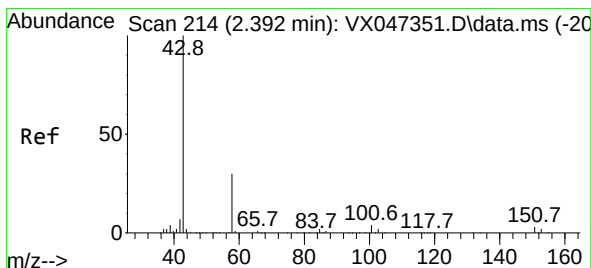
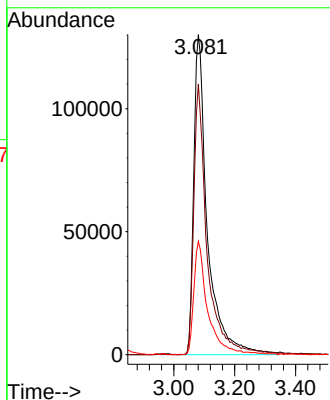
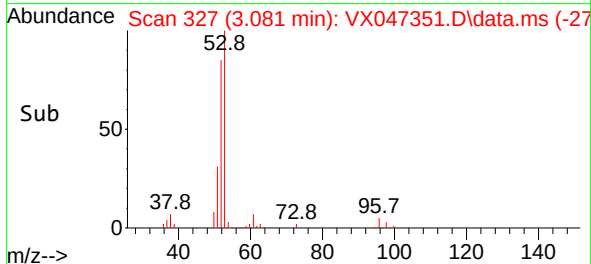
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



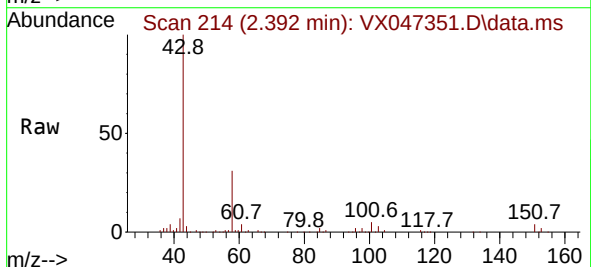
Tgt Ion: 53 Resp: 405784
Ion Ratio Lower Upper
53 100
52 82.2 65.8 98.6
51 35.2 28.2 42.2

Manual Integrations
APPROVED

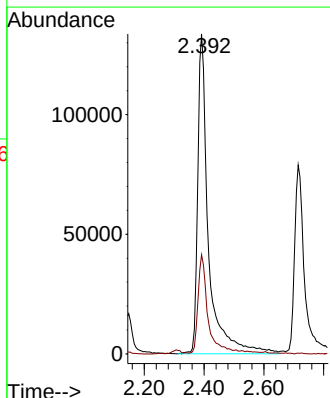
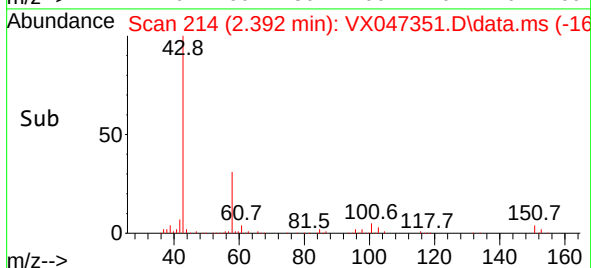
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025

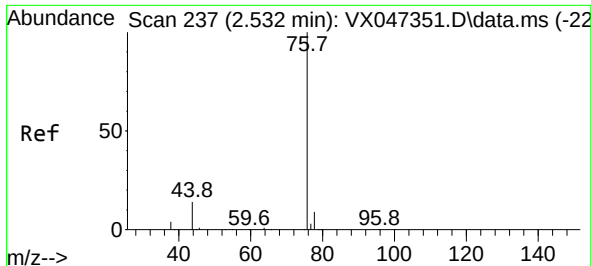


#16
Acetone
Concen: 266.252 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.000 min
Lab File: VX047351.D
Acq: 15 Aug 2025 10:22



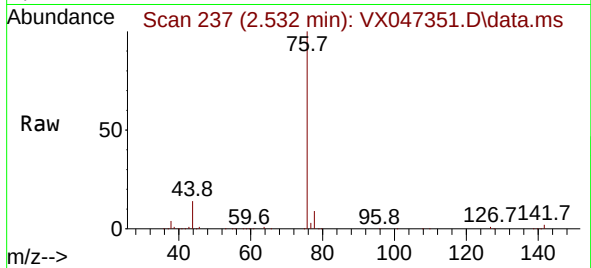
Tgt Ion: 43 Resp: 334538
Ion Ratio Lower Upper
43 100
58 31.0 24.8 37.2





#17
Carbon Disulfide
Concen: 52.455 ug/l
RT: 2.532 min Scan# 237
Delta R.T. 0.000 min
Lab File: VX047351.D
Acq: 15 Aug 2025 10:22

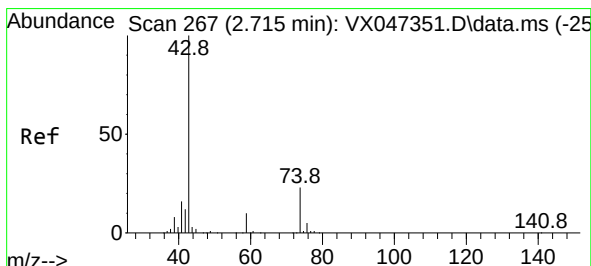
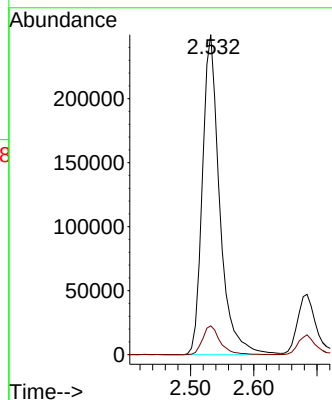
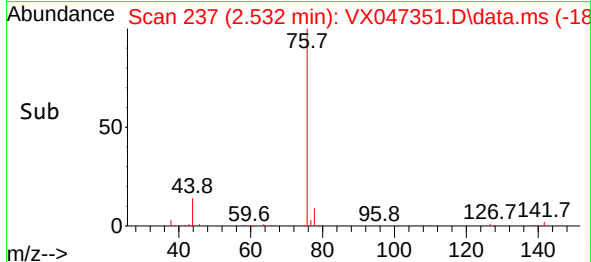
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 76 Resp: 476020
Ion Ratio Lower Upper
76 100
78 9.0 7.2 10.8

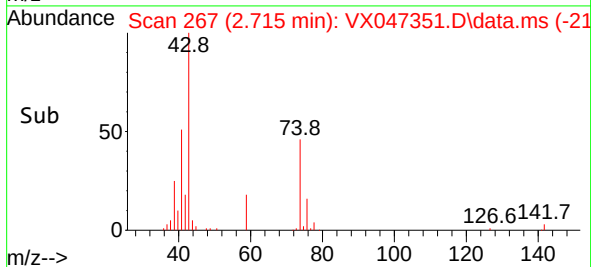
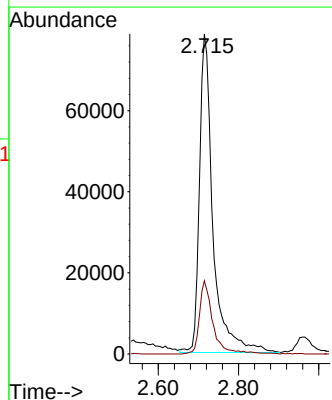
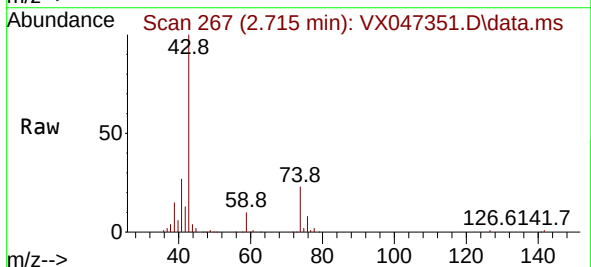
Manual Integrations
APPROVED

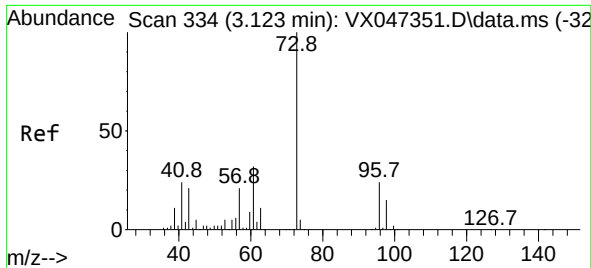
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025



#18
Methyl Acetate
Concen: 56.425 ug/l
RT: 2.715 min Scan# 267
Delta R.T. 0.000 min
Lab File: VX047351.D
Acq: 15 Aug 2025 10:22

Tgt Ion: 43 Resp: 183721
Ion Ratio Lower Upper
43 100
74 23.0 18.4 27.6





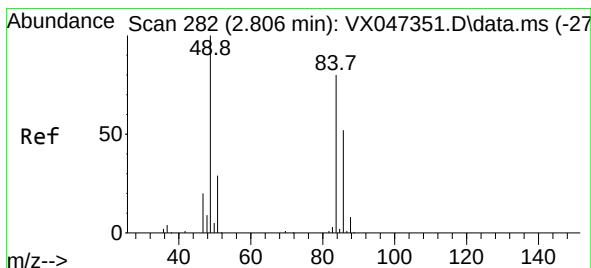
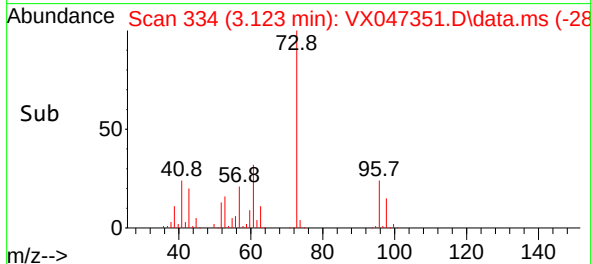
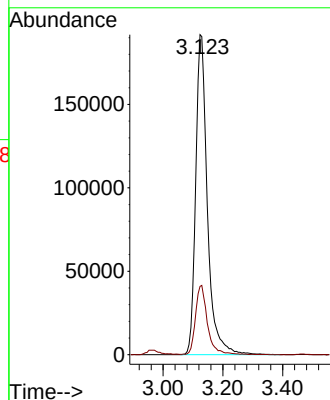
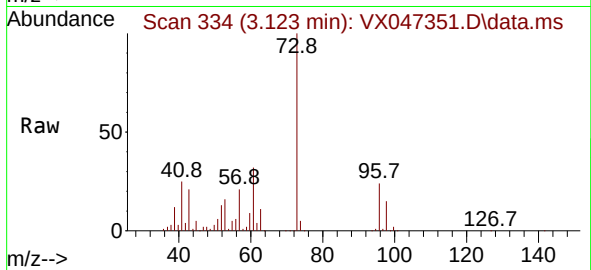
#19
Methyl tert-butyl Ether
Concen: 56.782 ug/l
RT: 3.123 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX047351.D
Acq: 15 Aug 2025 10:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 73 Resp: 51947
Ion Ratio Lower Upper
73 100
57 21.3 17.0 25.6

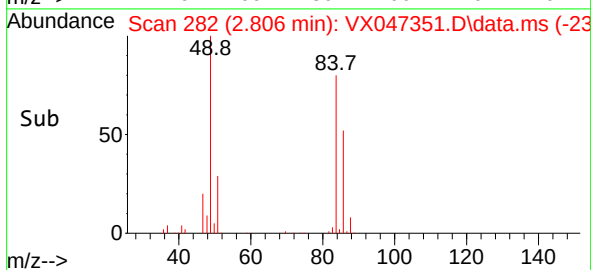
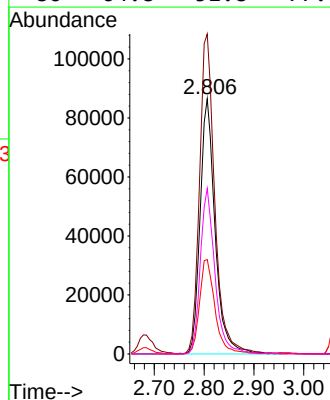
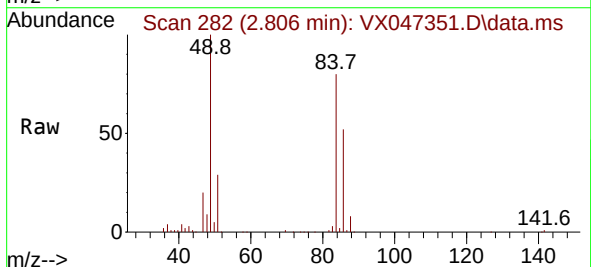
Manual Integrations
APPROVED

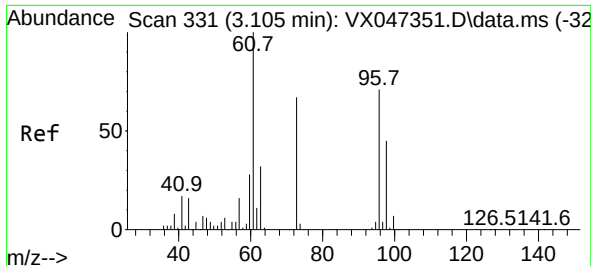
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025



#20
Methylene Chloride
Concen: 54.377 ug/l
RT: 2.806 min Scan# 282
Delta R.T. 0.000 min
Lab File: VX047351.D
Acq: 15 Aug 2025 10:22

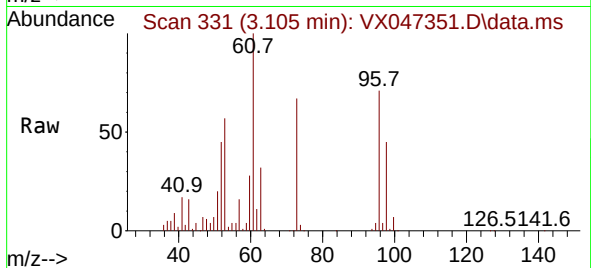
Tgt Ion: 84 Resp: 180921
Ion Ratio Lower Upper
84 100
49 125.1 100.1 150.1
51 36.9 29.5 44.3
86 64.8 51.8 77.8





#21
trans-1,2-Dichloroethene
Concen: 54.272 ug/l
RT: 3.105 min Scan# 331
Delta R.T. 0.000 min
Lab File: VX047351.D
Acq: 15 Aug 2025 10:22

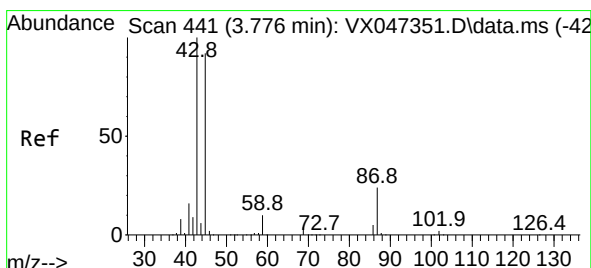
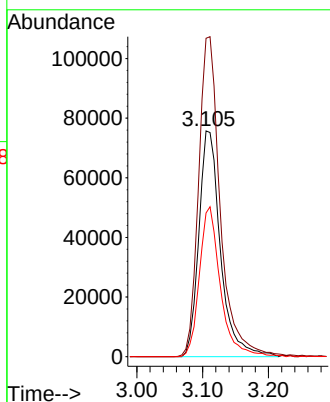
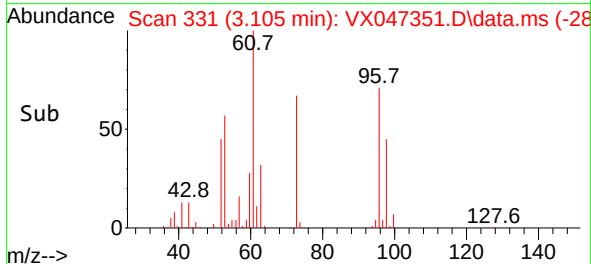
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 96 Resp: 173220
Ion Ratio Lower Upper
96 100
61 140.8 112.6 169.0
98 63.6 50.9 76.3

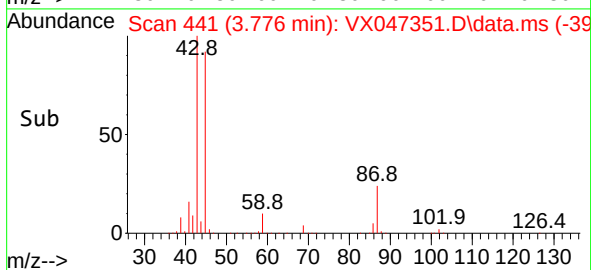
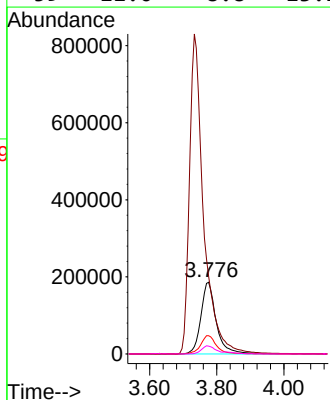
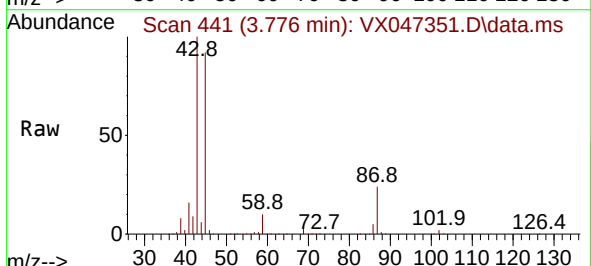
Manual Integrations
APPROVED

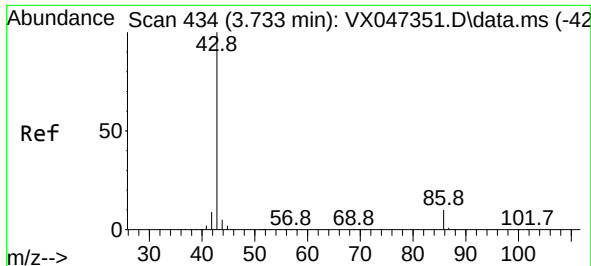
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025



#22
Diisopropyl ether
Concen: 56.909 ug/l
RT: 3.776 min Scan# 441
Delta R.T. 0.000 min
Lab File: VX047351.D
Acq: 15 Aug 2025 10:22

Tgt Ion: 45 Resp: 587571
Ion Ratio Lower Upper
45 100
43 108.5 86.8 130.2
87 25.5 20.4 30.6
59 11.0 8.8 13.2





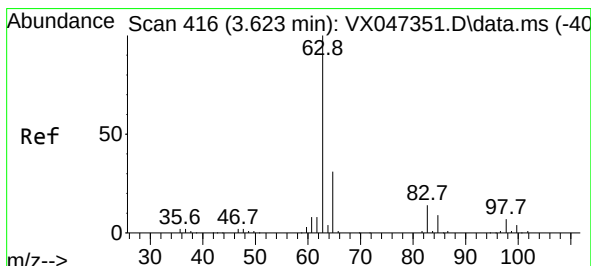
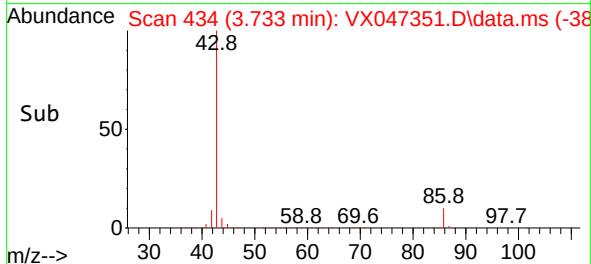
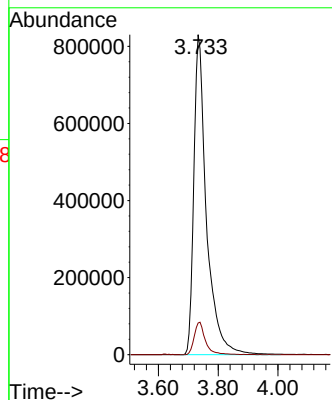
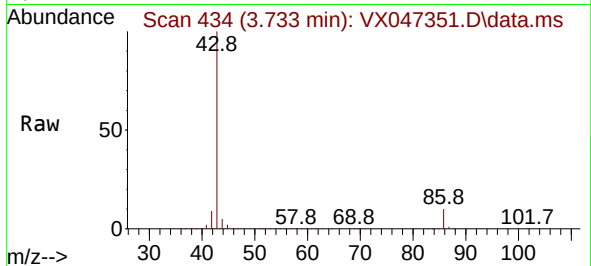
#23
 Vinyl Acetate
 Concen: 287.897 ug/l
 RT: 3.733 min Scan# 416
 Delta R.T. 0.000 min
 Lab File: VX047351.D
 Acq: 15 Aug 2025 10:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tgt Ion: 43 Resp: 2436350
 Ion Ratio Lower Upper
 43 100
 86 9.9 7.9 11.9

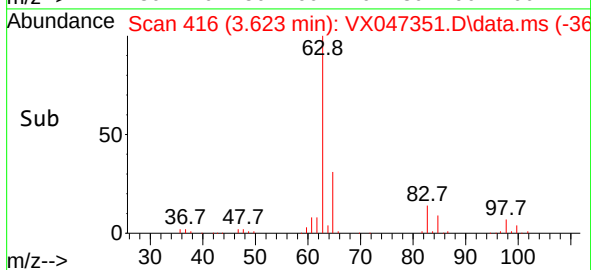
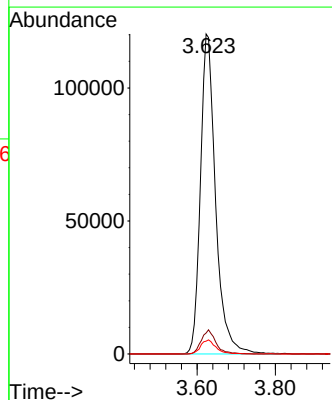
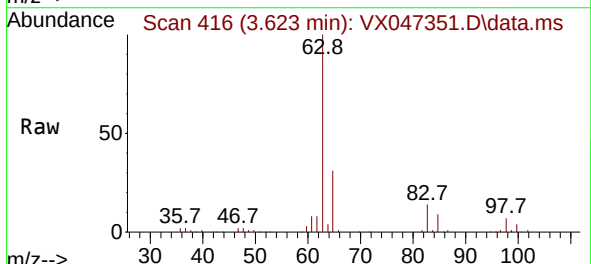
Manual Integrations
 APPROVED

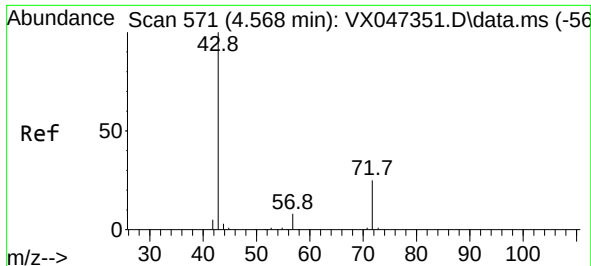
Reviewed By :John Carlone 08/18/2025
 Supervised By :Mahesh Dadoda 08/19/2025



#24
 1,1-Dichloroethane
 Concen: 55.516 ug/l
 RT: 3.623 min Scan# 416
 Delta R.T. 0.000 min
 Lab File: VX047351.D
 Acq: 15 Aug 2025 10:22

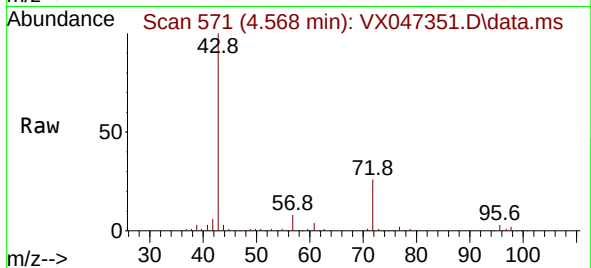
Tgt Ion: 63 Resp: 323982
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.3 9.9
 100 4.2 2.1 6.3





#25
2-Butanone
Concen: 282.051 ug/l
RT: 4.568 min Scan# 571
Delta R.T. 0.000 min
Lab File: VX047351.D
Acq: 15 Aug 2025 10:22

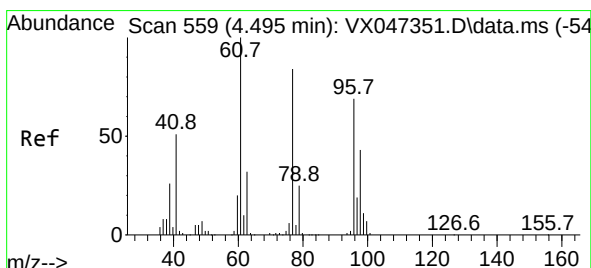
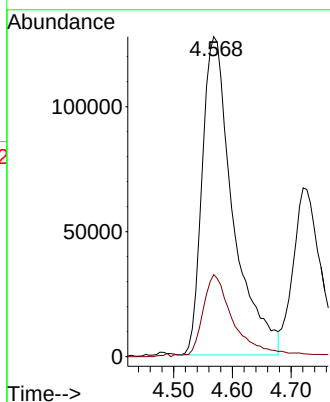
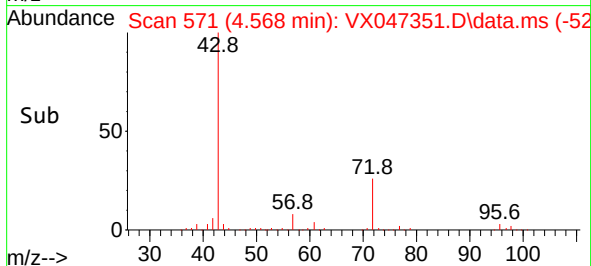
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 43 Resp: 464130
Ion Ratio Lower Upper
43 100
72 24.8 19.8 29.8

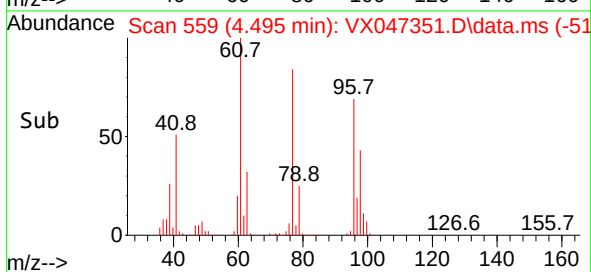
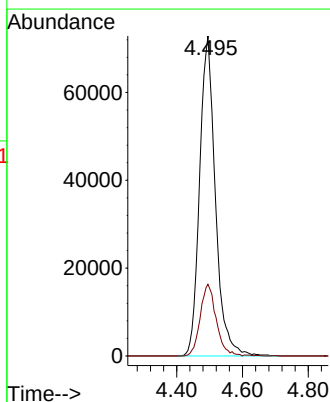
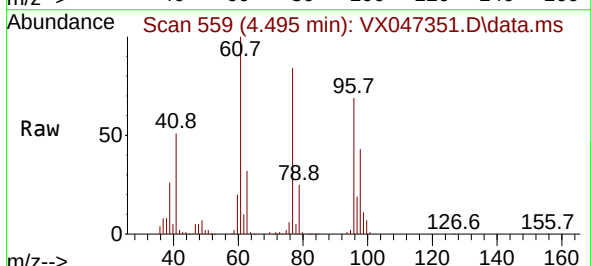
Manual Integrations
APPROVED

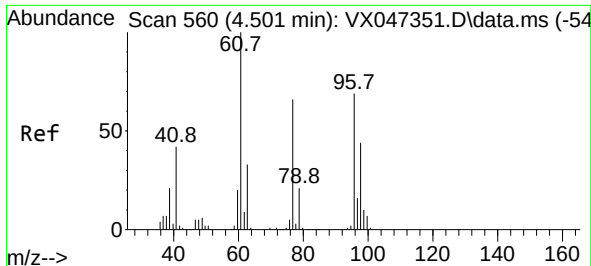
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025



#26
2,2-Dichloropropane
Concen: 55.137 ug/l
RT: 4.495 min Scan# 559
Delta R.T. 0.000 min
Lab File: VX047351.D
Acq: 15 Aug 2025 10:22

Tgt Ion: 77 Resp: 242859
Ion Ratio Lower Upper
77 100
97 22.7 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 54.366 ug/l

RT: 4.501 min Scan# 560

Delta R.T. 0.000 min

Lab File: VX047351.D

Acq: 15 Aug 2025 10:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 96 Resp: 202109

Ion Ratio Lower Upper

96 100

61 148.3 0.0 296.6

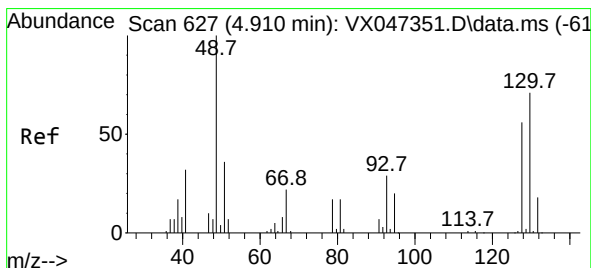
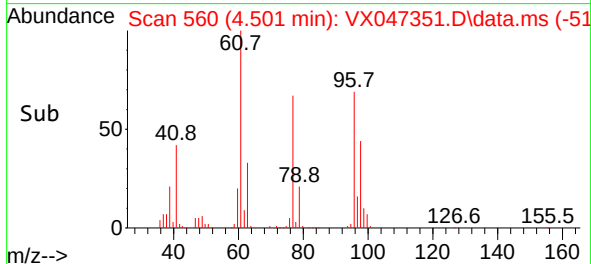
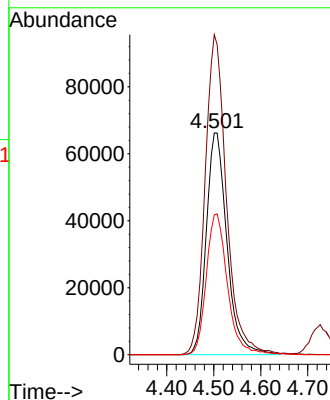
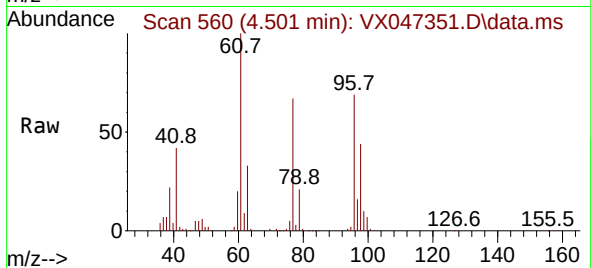
98 65.2 0.0 130.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/18/2025

Supervised By :Mahesh Dadoda 08/19/2025



#28

Bromochloromethane

Concen: 53.153 ug/l

RT: 4.910 min Scan# 627

Delta R.T. 0.000 min

Lab File: VX047351.D

Acq: 15 Aug 2025 10:22

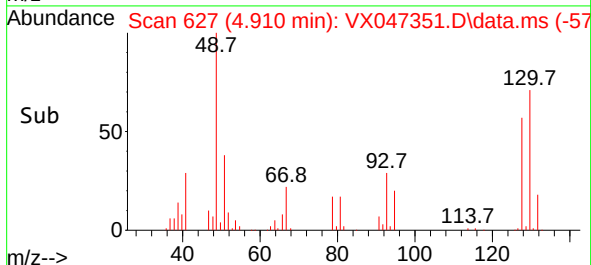
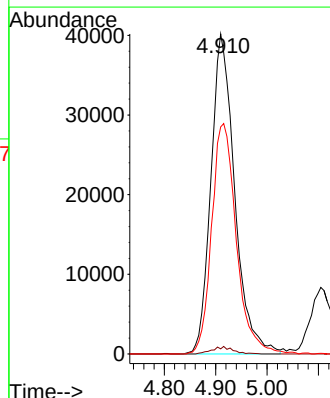
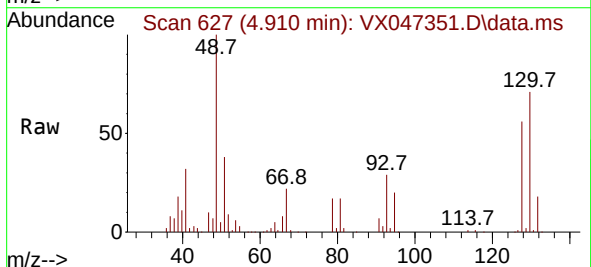
Tgt Ion: 49 Resp: 129079

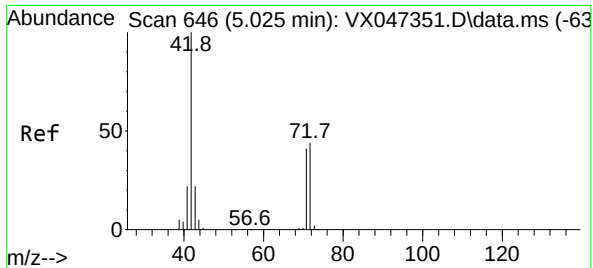
Ion Ratio Lower Upper

49 100

129 2.0 0.0 4.0

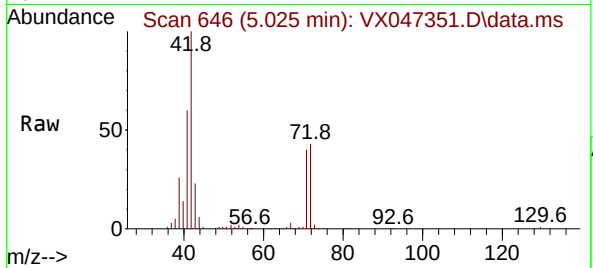
130 74.7 59.8 89.6





#29
Tetrahydrofuran
Concen: 275.925 ug/l
RT: 5.025 min Scan# 646
Delta R.T. 0.000 min
Lab File: VX047351.D
Acq: 15 Aug 2025 10:22

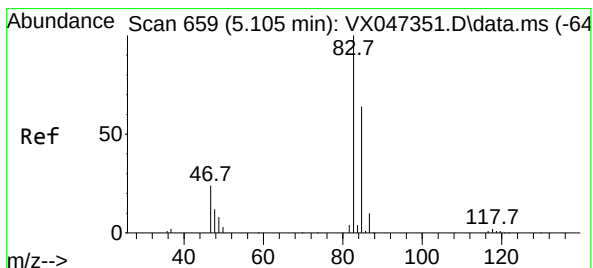
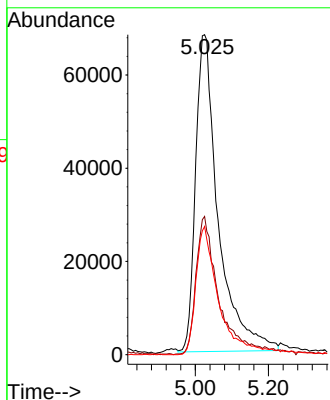
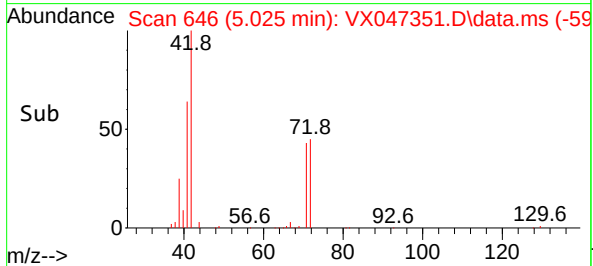
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 42 Resp: 293474
Ion Ratio Lower Upper
42 100
72 43.2 34.6 51.8
71 40.8 32.6 49.0

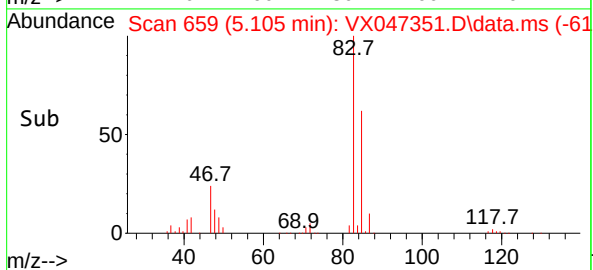
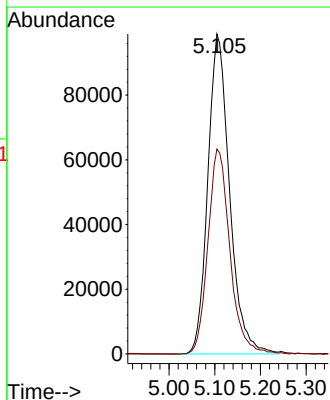
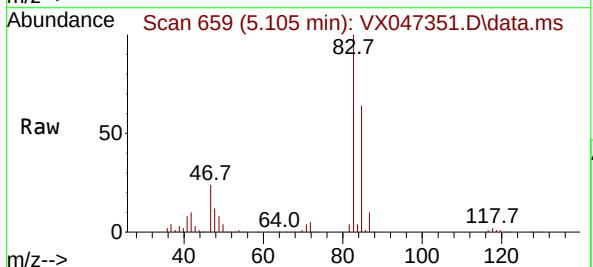
Manual Integrations
APPROVED

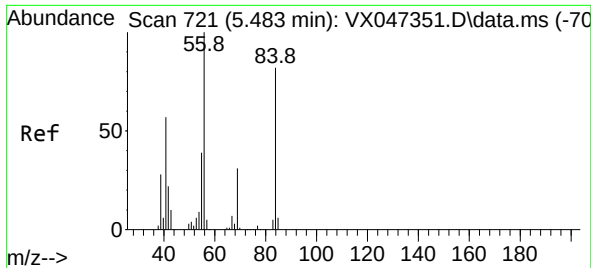
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025



#30
Chloroform
Concen: 54.867 ug/l
RT: 5.105 min Scan# 659
Delta R.T. 0.000 min
Lab File: VX047351.D
Acq: 15 Aug 2025 10:22

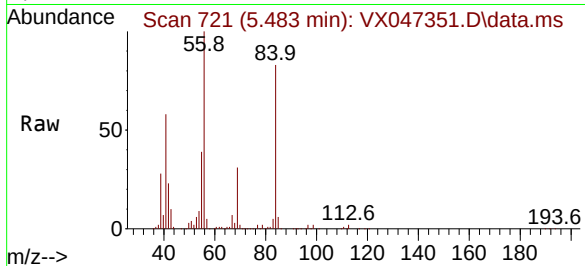
Tgt Ion: 83 Resp: 326781
Ion Ratio Lower Upper
83 100
85 64.0 51.2 76.8





#31
Cyclohexane
Concen: 53.705 ug/l
RT: 5.483 min Scan# 721
Delta R.T. 0.000 min
Lab File: VX047351.D
Acq: 15 Aug 2025 10:22

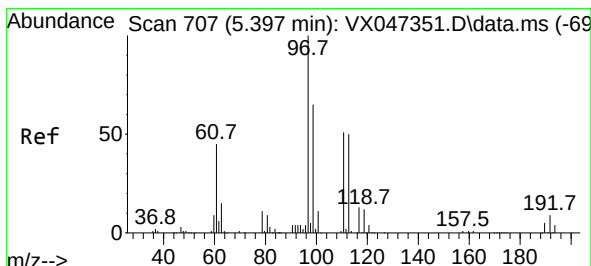
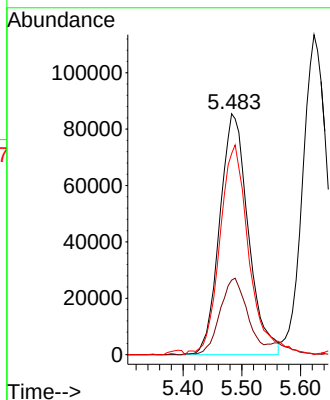
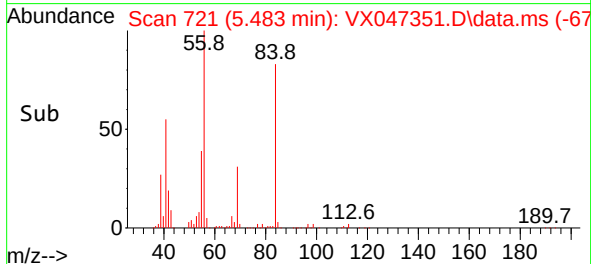
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



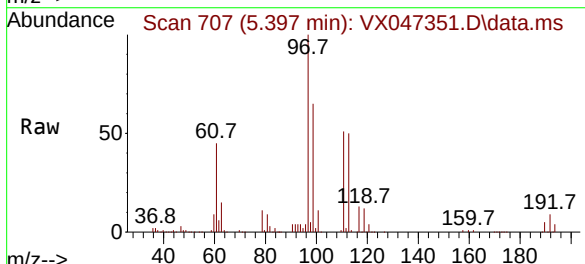
Tgt Ion: 56 Resp: 288914
Ion Ratio Lower Upper
56 100
69 30.4 24.3 36.5
84 81.6 65.3 97.9

Manual Integrations
APPROVED

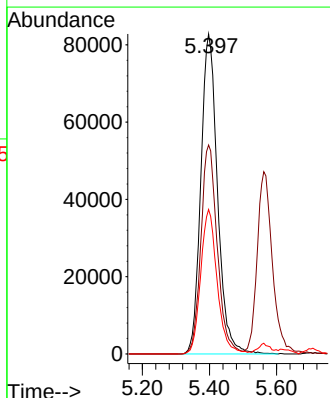
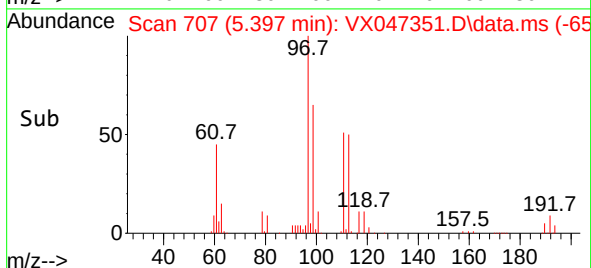
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025

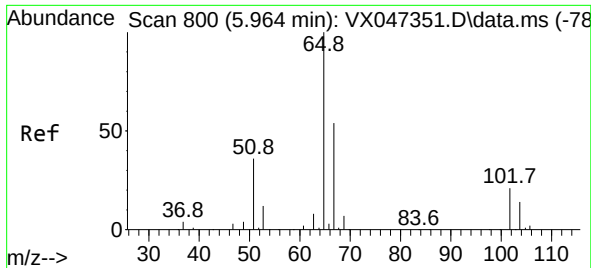


#32
1,1,1-Trichloroethane
Concen: 55.692 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX047351.D
Acq: 15 Aug 2025 10:22



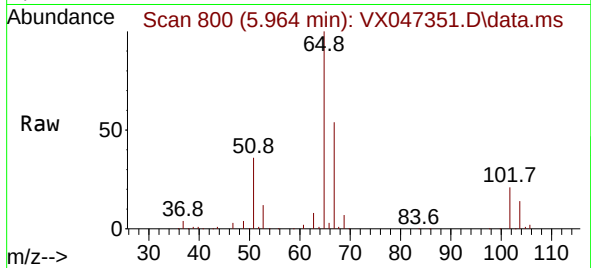
Tgt Ion: 97 Resp: 285500
Ion Ratio Lower Upper
97 100
99 64.2 51.4 77.0
61 44.6 35.7 53.5





#33
1,2-Dichloroethane-d4
Concen: 50.030 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX047351.D
Acq: 15 Aug 2025 10:22

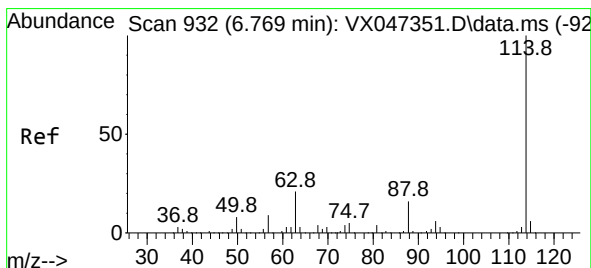
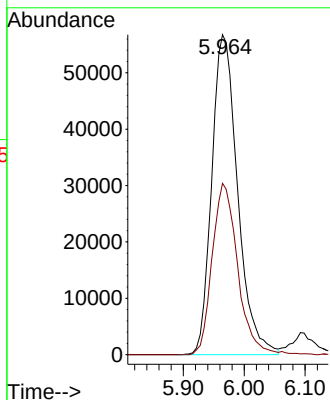
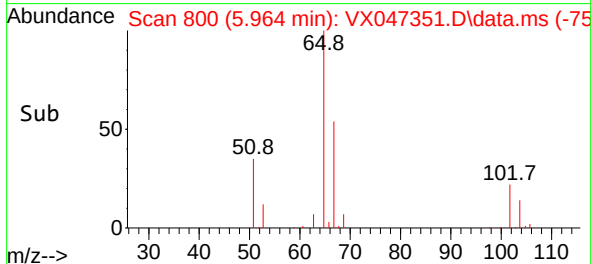
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 65 Resp: 167238
Ion Ratio Lower Upper
65 100
67 53.0 0.0 106.0

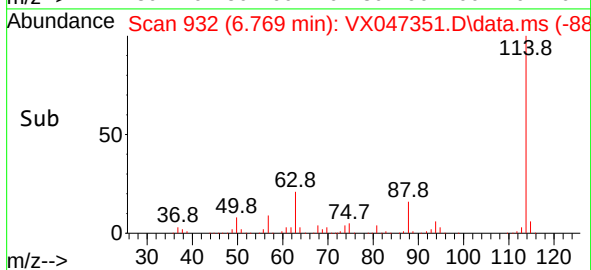
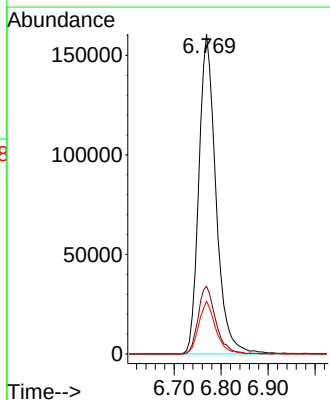
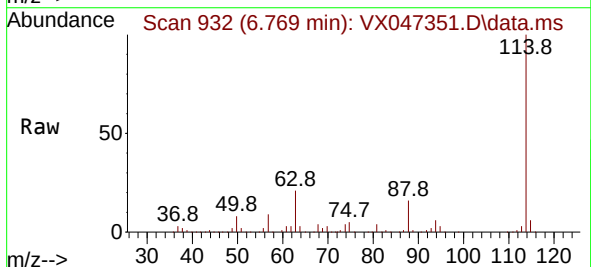
Manual Integrations
APPROVED

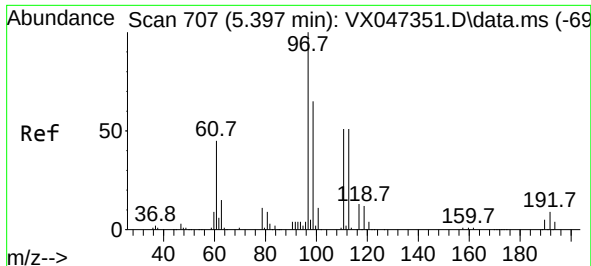
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX047351.D
Acq: 15 Aug 2025 10:22

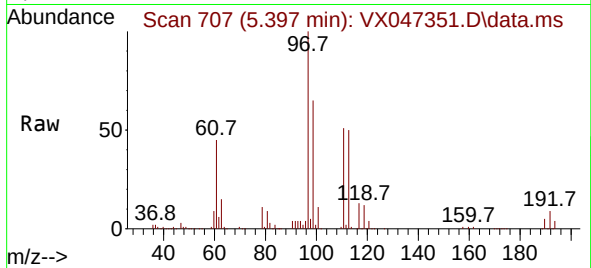
Tgt Ion:114 Resp: 405572
Ion Ratio Lower Upper
114 100
63 21.2 0.0 42.4
88 16.5 0.0 33.0





#35
Dibromofluoromethane
Concen: 51.074 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX047351.D
Acq: 15 Aug 2025 10:22

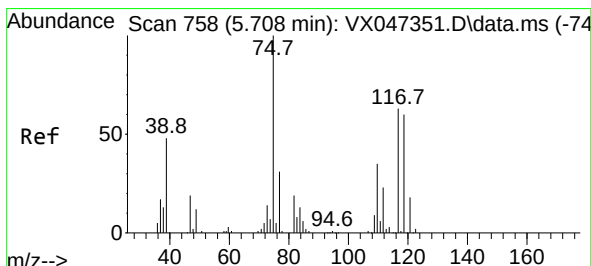
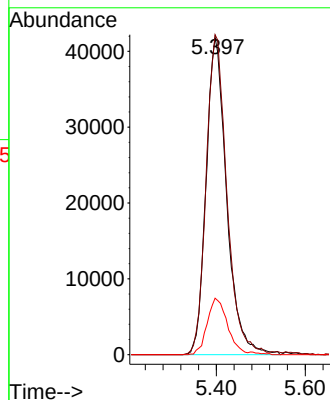
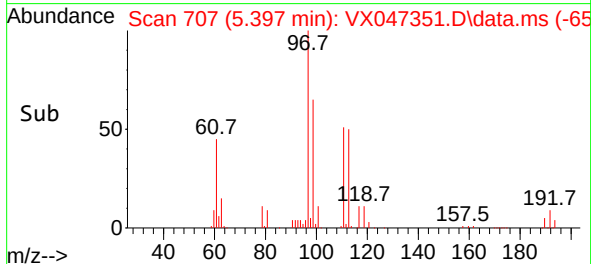
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 113 Resp: 13443
Ion Ratio Lower Upper
113 100
111 101.8 81.4 122.2
192 17.6 14.1 21.1

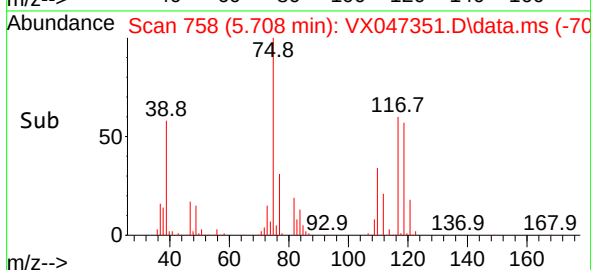
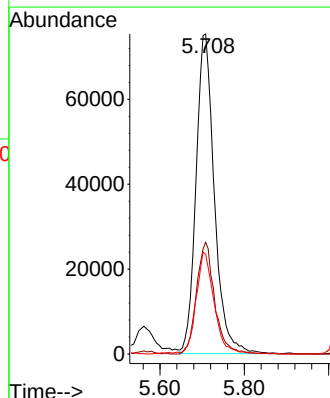
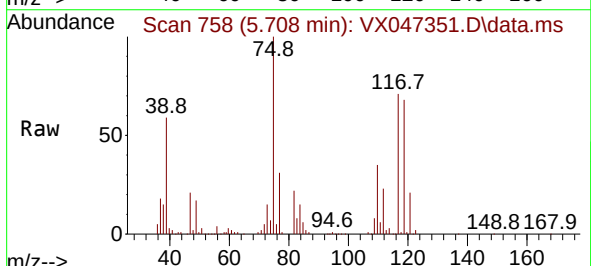
Manual Integrations
APPROVED

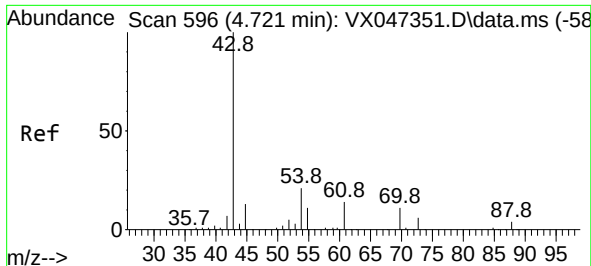
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025



#36
1,1-Dichloropropene
Concen: 54.893 ug/l
RT: 5.708 min Scan# 758
Delta R.T. 0.000 min
Lab File: VX047351.D
Acq: 15 Aug 2025 10:22

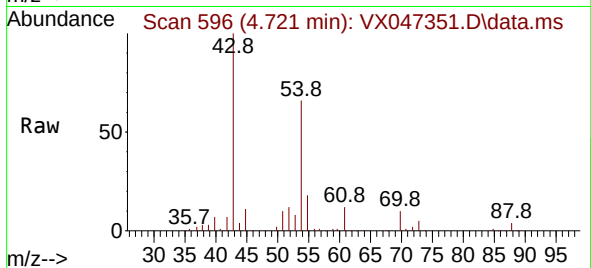
Tgt Ion: 75 Resp: 228086
Ion Ratio Lower Upper
75 100
110 34.8 17.4 52.2
77 30.5 24.4 36.6





#37
Ethyl Acetate
Concen: 55.477 ug/l
RT: 4.721 min Scan# 596
Delta R.T. 0.000 min
Lab File: VX047351.D
Acq: 15 Aug 2025 10:22

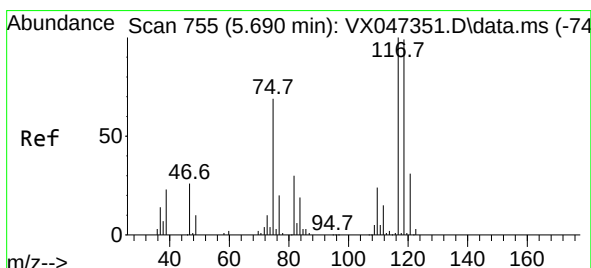
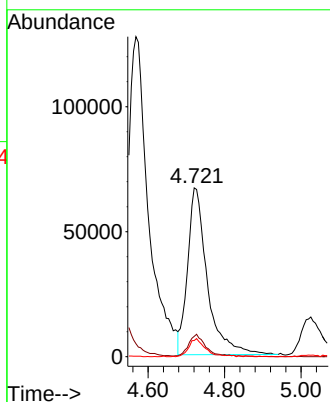
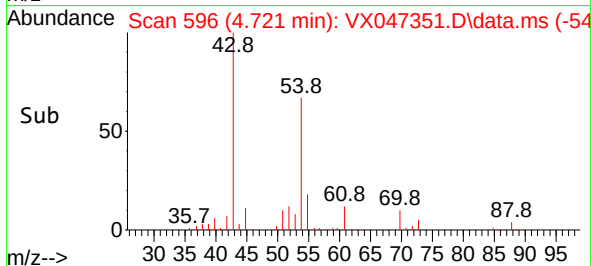
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



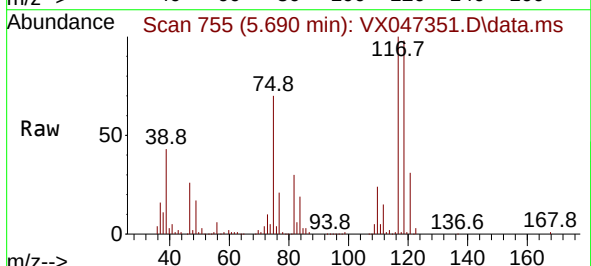
Tgt Ion: 43 Resp: 239310
Ion Ratio Lower Upper
43 100
61 11.8 9.4 14.2
70 8.8 7.0 10.6

Manual Integrations
APPROVED

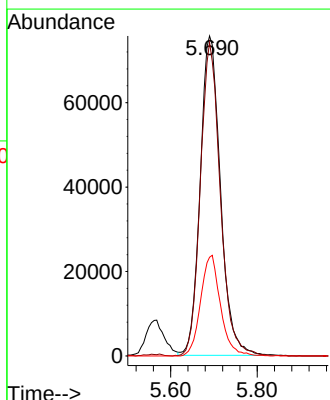
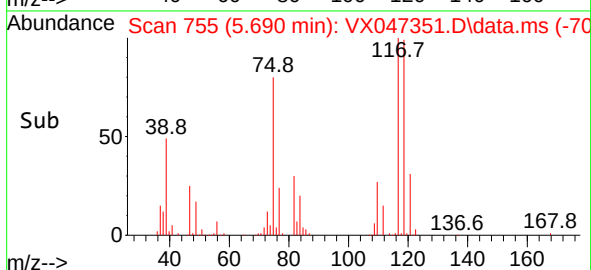
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025

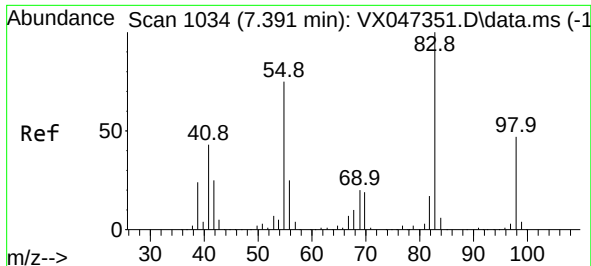


#38
Carbon Tetrachloride
Concen: 54.258 ug/l
RT: 5.690 min Scan# 755
Delta R.T. 0.000 min
Lab File: VX047351.D
Acq: 15 Aug 2025 10:22



Tgt Ion:117 Resp: 246368
Ion Ratio Lower Upper
117 100
119 98.1 78.5 117.7
121 30.9 24.7 37.1





#39

Methylcyclohexane

Concen: 54.402 ug/l

RT: 7.391 min Scan# 1034

Delta R.T. 0.000 min

Lab File: VX047351.D

Acq: 15 Aug 2025 10:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 83 Resp: 281960

Ion Ratio Lower Upper

83 100

55 75.0 60.0 90.0

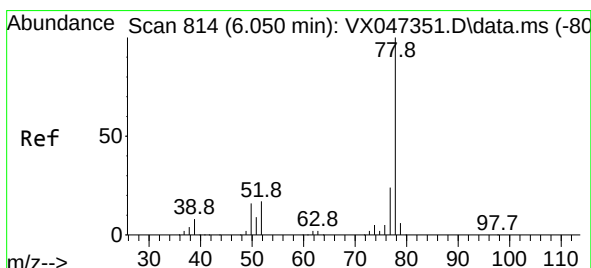
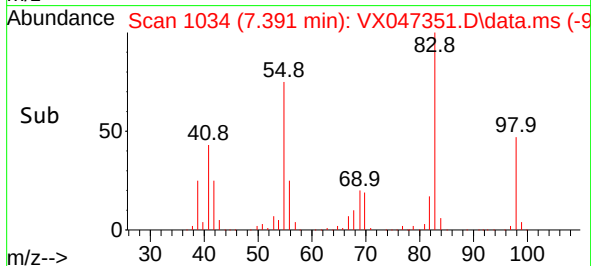
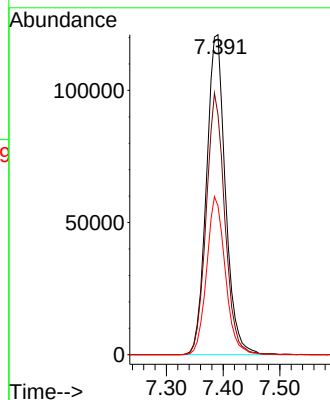
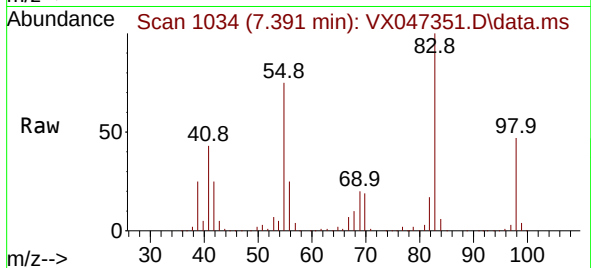
98 46.5 37.2 55.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/18/2025

Supervised By :Mahesh Dadoda 08/19/2025



#40

Benzene

Concen: 55.477 ug/l

RT: 6.050 min Scan# 814

Delta R.T. 0.000 min

Lab File: VX047351.D

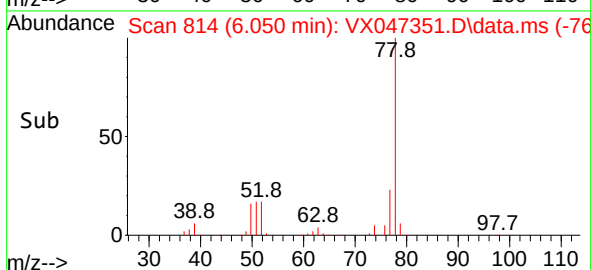
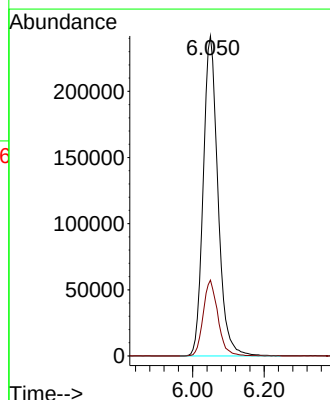
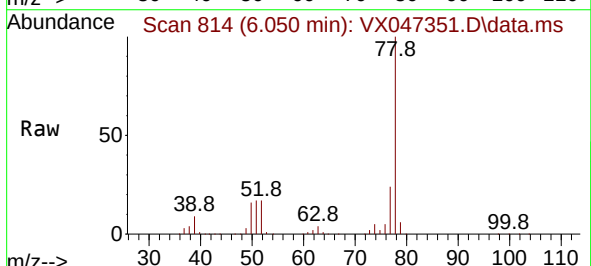
Acq: 15 Aug 2025 10:22

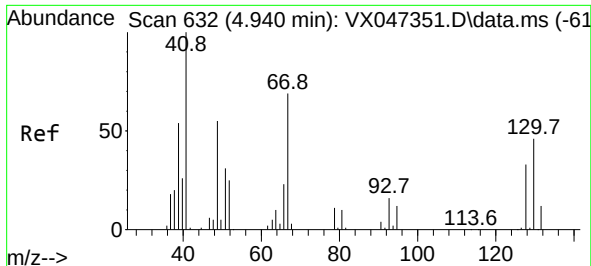
Tgt Ion: 78 Resp: 689965

Ion Ratio Lower Upper

78 100

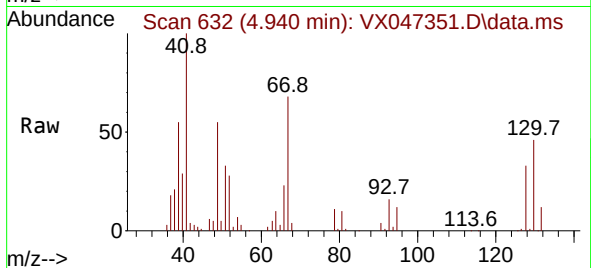
77 23.7 19.0 28.4





#41
Methacrylonitrile
Concen: 57.547 ug/l
RT: 4.940 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX047351.D
Acq: 15 Aug 2025 10:22

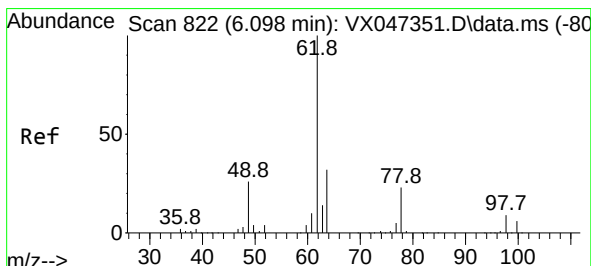
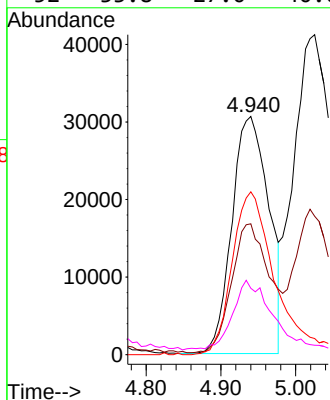
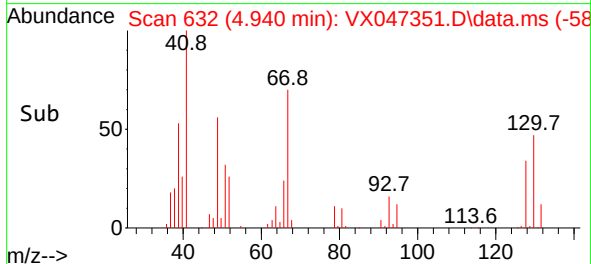
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



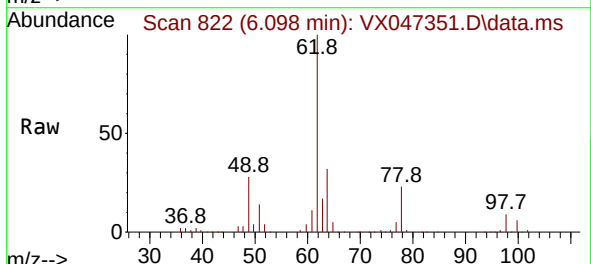
Tgt Ion: 41 Resp: 104680
Ion Ratio Lower Upper
41 100
39 56.8 45.4 68.2
67 80.0 64.0 96.0
52 33.8 27.0 40.6

Manual Integrations
APPROVED

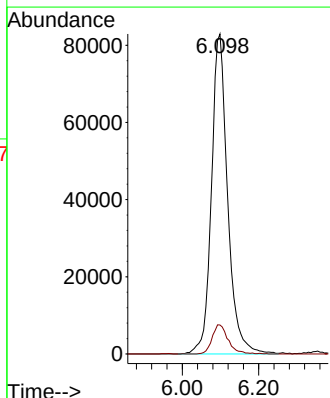
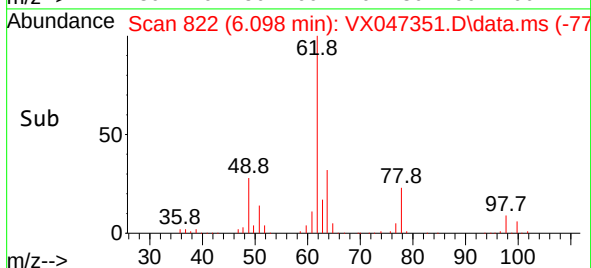
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025

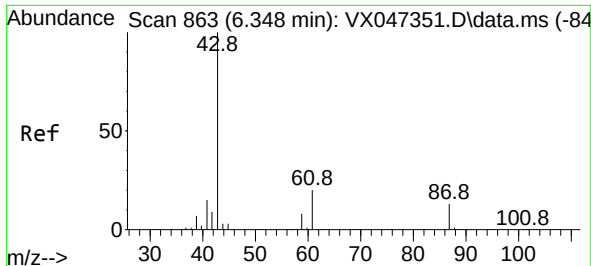


#42
1,2-Dichloroethane
Concen: 55.271 ug/l
RT: 6.098 min Scan# 822
Delta R.T. 0.000 min
Lab File: VX047351.D
Acq: 15 Aug 2025 10:22



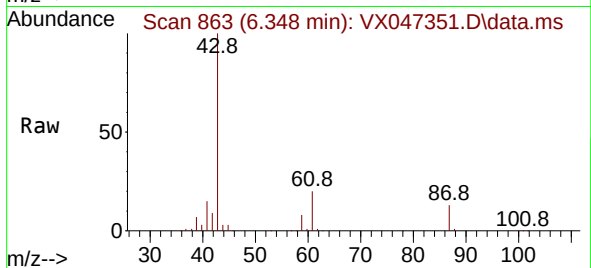
Tgt Ion: 62 Resp: 243489
Ion Ratio Lower Upper
62 100
98 9.0 0.0 18.0





#43
Isopropyl Acetate
Concen: 56.817 ug/l
RT: 6.348 min Scan# 863
Delta R.T. 0.000 min
Lab File: VX047351.D
Acq: 15 Aug 2025 10:22

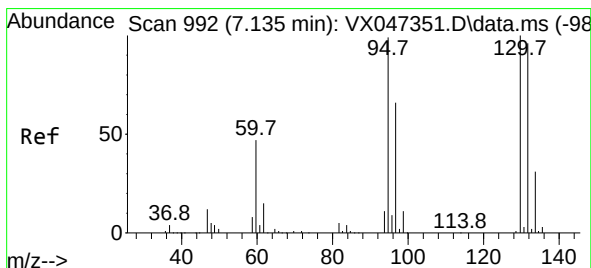
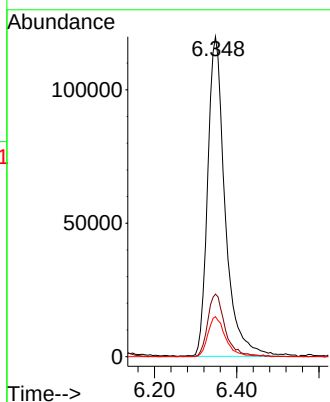
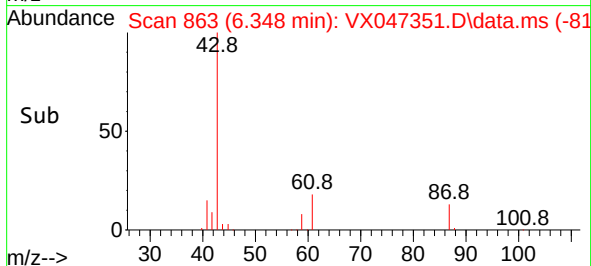
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 43 Resp: 352090
Ion Ratio Lower Upper
43 100
61 19.2 15.4 23.0
87 12.8 10.2 15.4

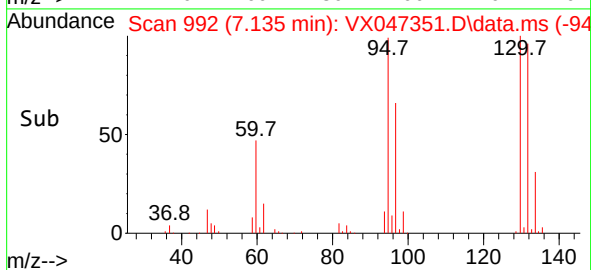
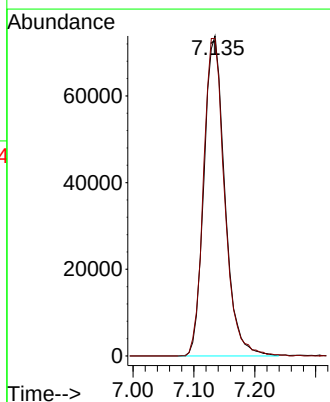
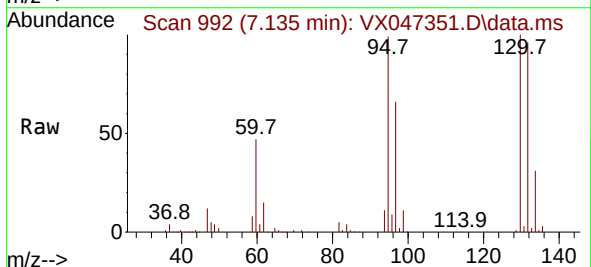
Manual Integrations
APPROVED

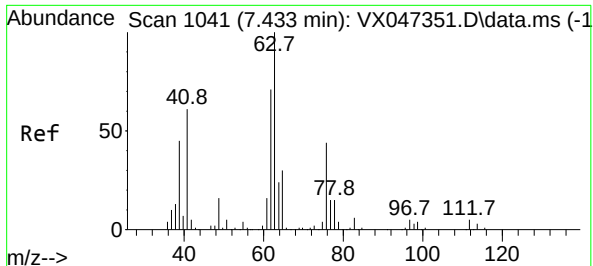
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025



#44
Trichloroethene
Concen: 55.081 ug/l
RT: 7.135 min Scan# 992
Delta R.T. 0.000 min
Lab File: VX047351.D
Acq: 15 Aug 2025 10:22

Tgt Ion:130 Resp: 175409
Ion Ratio Lower Upper
130 100
95 99.3 0.0 198.6





#45

1,2-Dichloropropane

Concen: 54.740 ug/l

RT: 7.433 min Scan# 1041

Delta R.T. 0.000 min

Lab File: VX047351.D

Acq: 15 Aug 2025 10:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 63 Resp: 170550

Ion Ratio Lower Upper

63 100

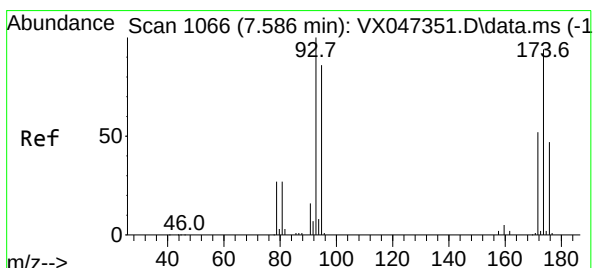
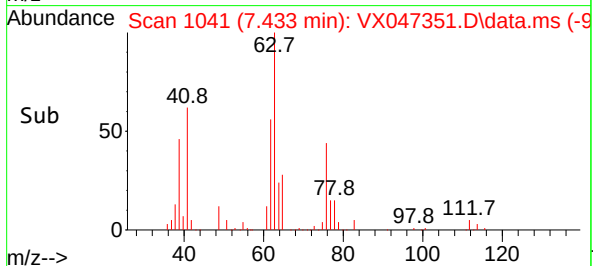
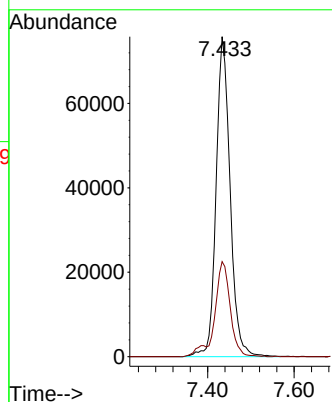
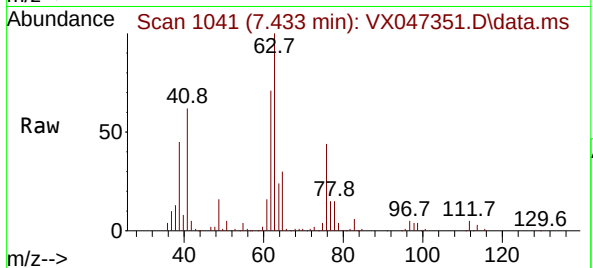
65 29.7 23.8 35.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/18/2025

Supervised By :Mahesh Dadoda 08/19/2025



#46

Dibromomethane

Concen: 54.124 ug/l

RT: 7.586 min Scan# 1066

Delta R.T. 0.000 min

Lab File: VX047351.D

Acq: 15 Aug 2025 10:22

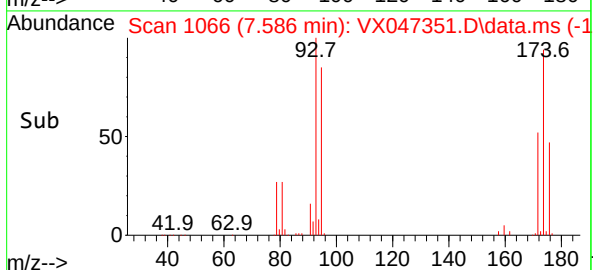
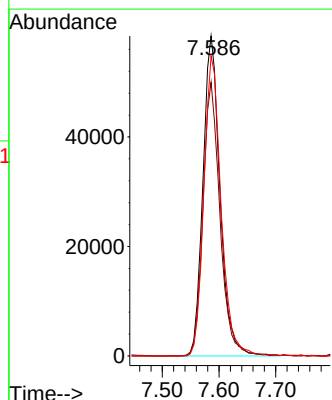
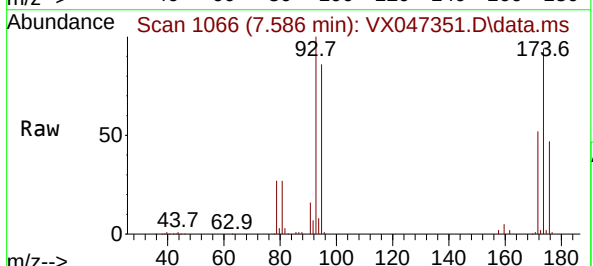
Tgt Ion: 93 Resp: 122428

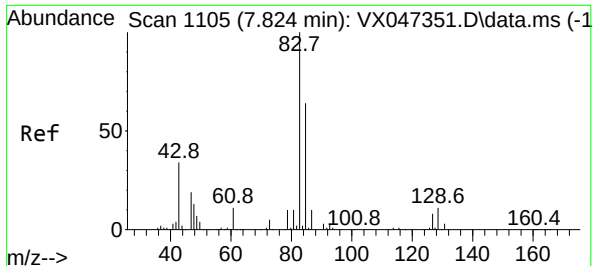
Ion Ratio Lower Upper

93 100

95 85.0 68.0 102.0

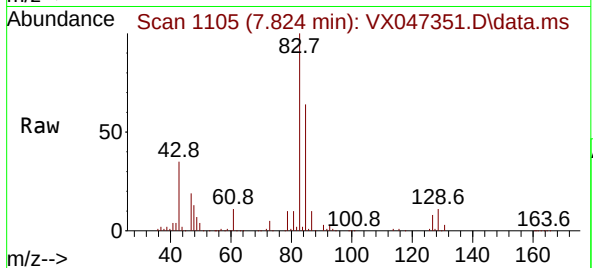
174 94.7 75.8 113.6





#47
Bromodichloromethane
Concen: 54.888 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX047351.D
Acq: 15 Aug 2025 10:22

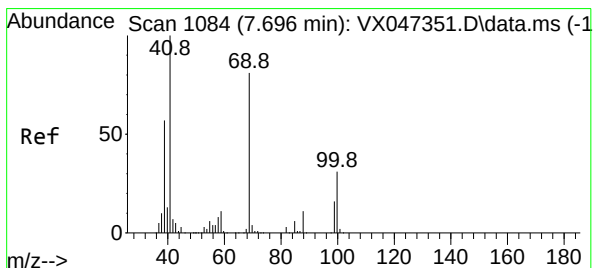
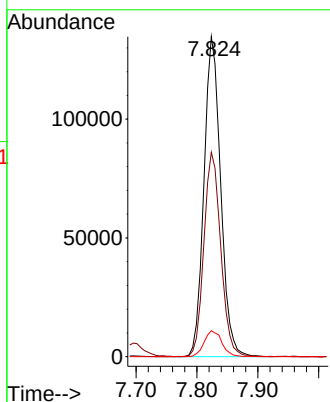
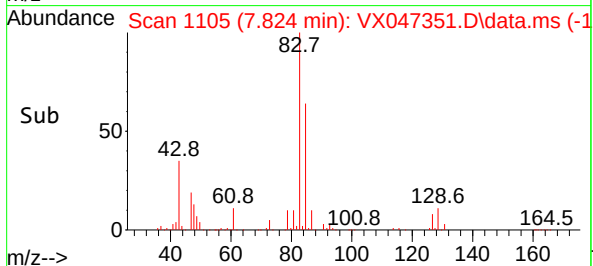
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 83 Resp: 25739
Ion Ratio Lower Upper
83 100
85 63.8 51.0 76.6
127 8.7 7.0 10.4

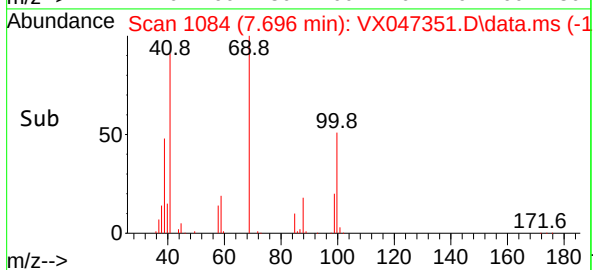
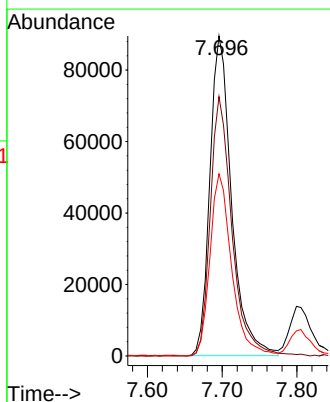
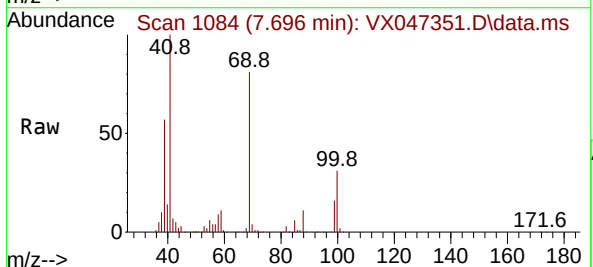
Manual Integrations
APPROVED

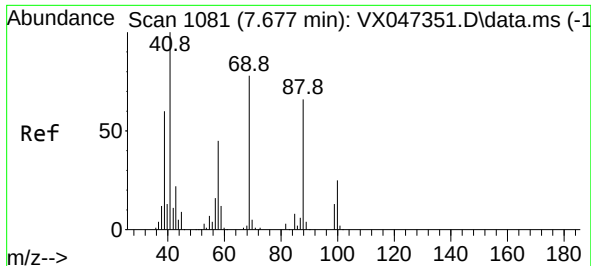
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025



#48
Methyl methacrylate
Concen: 56.136 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.000 min
Lab File: VX047351.D
Acq: 15 Aug 2025 10:22

Tgt Ion: 41 Resp: 180568
Ion Ratio Lower Upper
41 100
69 81.2 65.0 97.4
39 57.1 45.7 68.5





#49

1,4-Dioxane

Concen: 1188.274 ug/l

RT: 7.677 min Scan# 1081

Delta R.T. 0.000 min

Lab File: VX047351.D

Acq: 15 Aug 2025 10:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 88 Resp: 36298

Ion Ratio Lower Upper

88 100

43 40.5 32.4 48.6

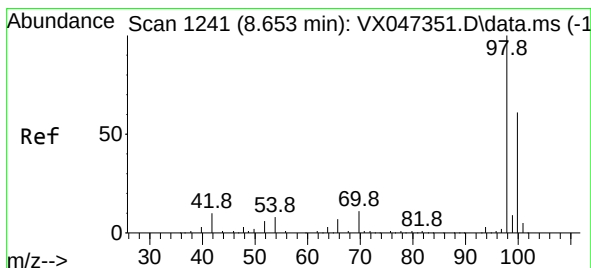
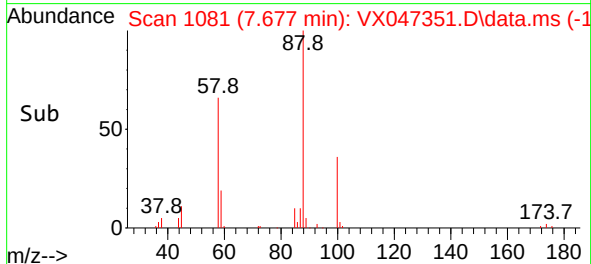
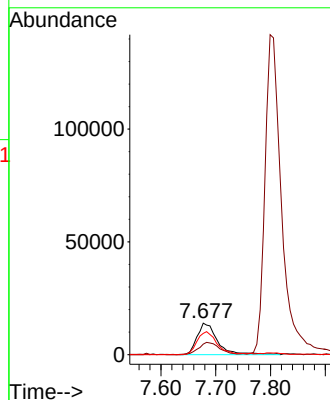
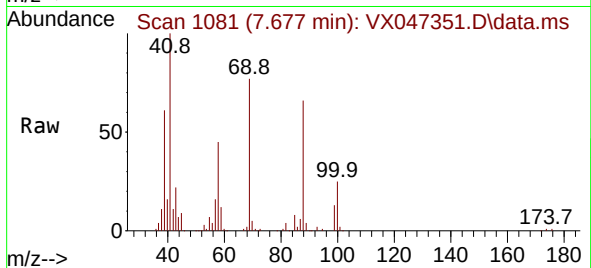
58 71.1 56.9 85.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/18/2025

Supervised By :Mahesh Dadoda 08/19/2025



#50

Toluene-d8

Concen: 50.492 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.000 min

Lab File: VX047351.D

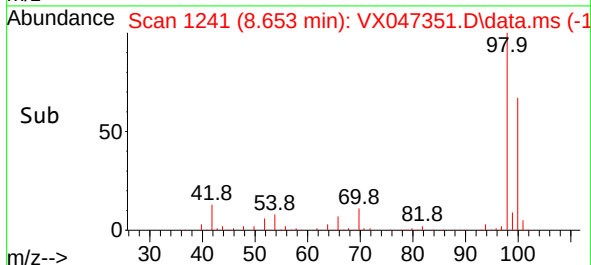
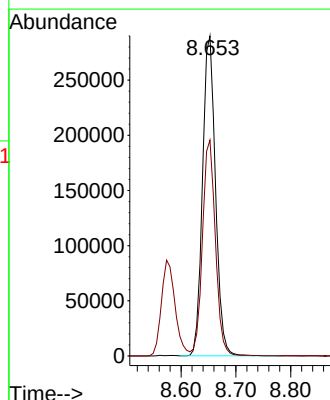
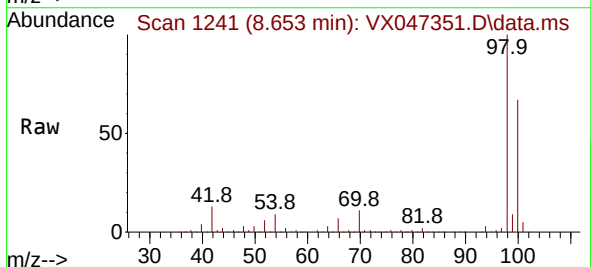
Acq: 15 Aug 2025 10:22

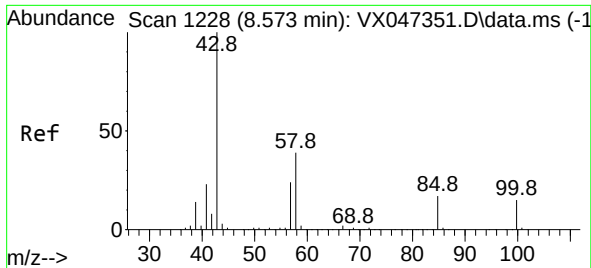
Tgt Ion: 98 Resp: 475041

Ion Ratio Lower Upper

98 100

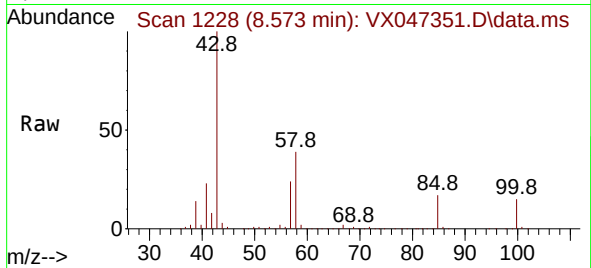
100 67.4 53.9 80.9





#51
4-Methyl-2-Pentanone
Concen: 289.311 ug/l
RT: 8.573 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX047351.D
Acq: 15 Aug 2025 10:22

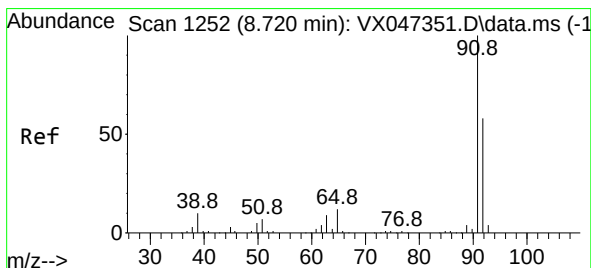
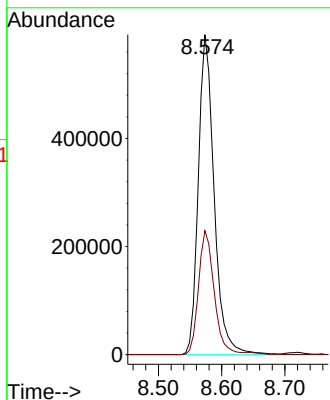
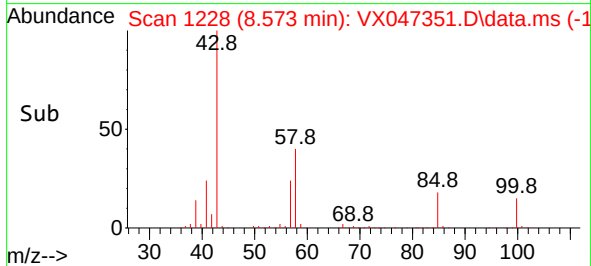
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 43 Resp: 1031709
Ion Ratio Lower Upper
43 100
58 39.0 31.2 46.8

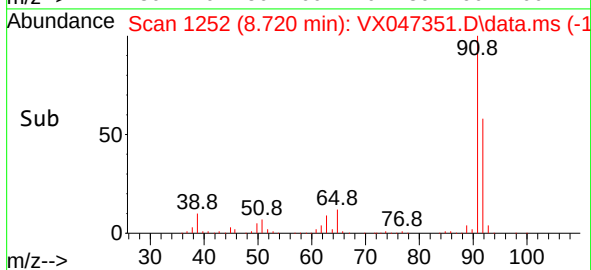
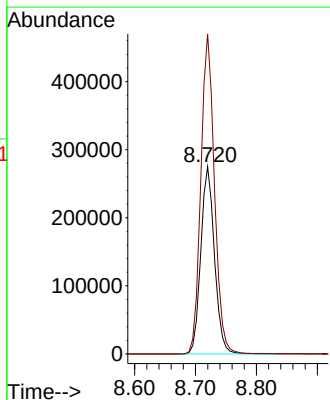
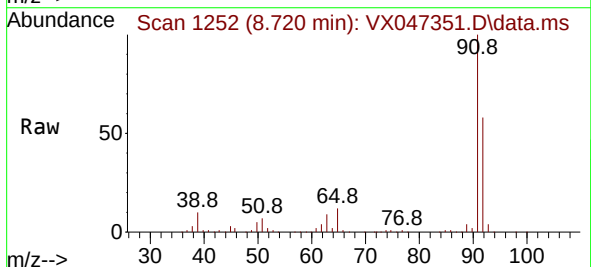
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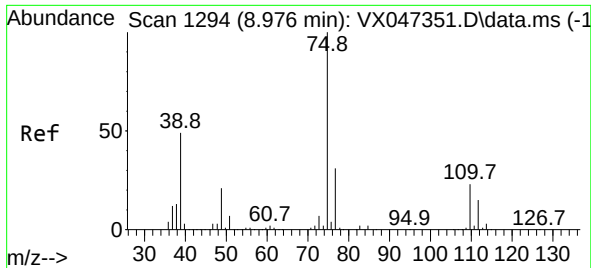
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025



#52
Toluene
Concen: 55.767 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX047351.D
Acq: 15 Aug 2025 10:22

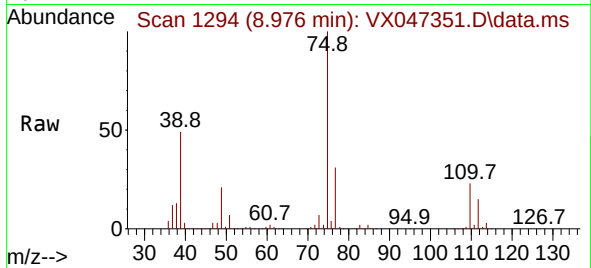
Tgt Ion: 92 Resp: 428577
Ion Ratio Lower Upper
92 100
91 170.4 136.3 204.5





#53
t-1,3-Dichloropropene
Concen: 57.913 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. 0.000 min
Lab File: VX047351.D
Acq: 15 Aug 2025 10:22

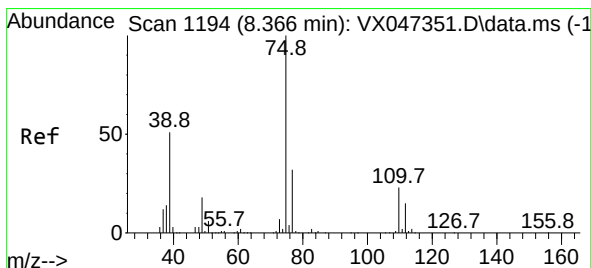
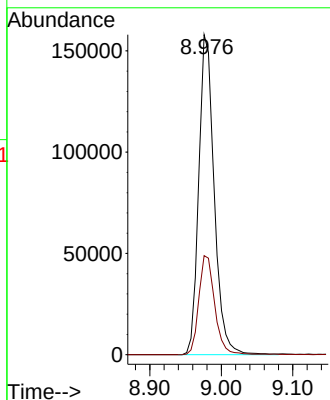
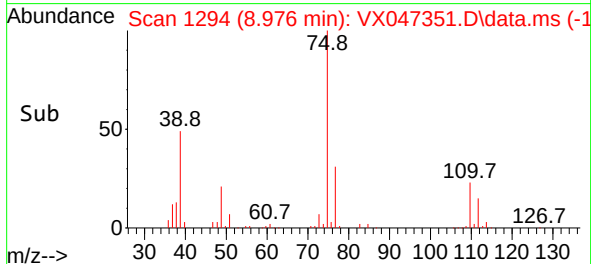
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



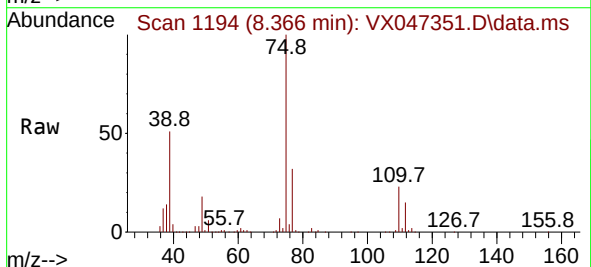
Tgt Ion: 75 Resp: 23702
Ion Ratio Lower Upper
75 100
77 30.9 24.7 37.1

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APPROVED

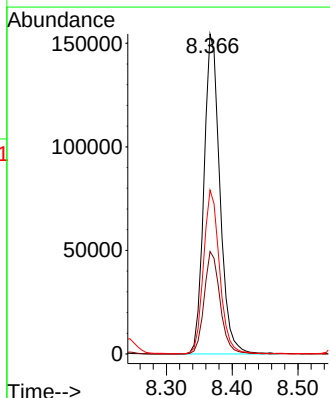
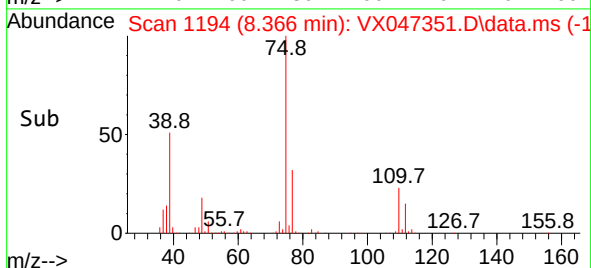
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025

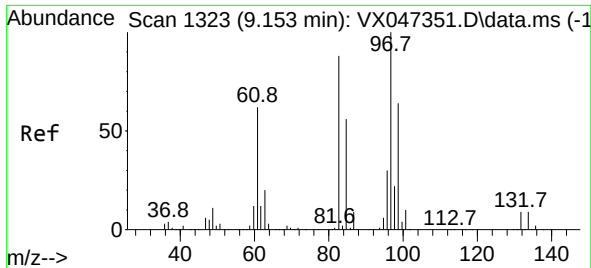


#54
cis-1,3-Dichloropropene
Concen: 56.202 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. 0.000 min
Lab File: VX047351.D
Acq: 15 Aug 2025 10:22



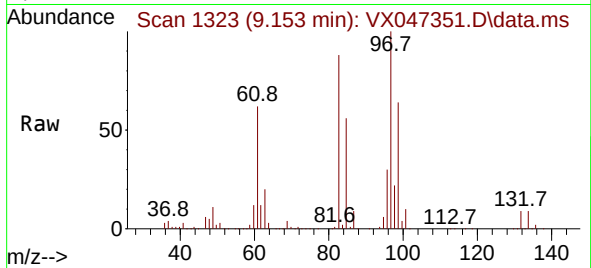
Tgt Ion: 75 Resp: 260352
Ion Ratio Lower Upper
75 100
77 32.0 25.6 38.4
39 51.1 40.9 61.3





#55
1,1,2-Trichloroethane
Concen: 54.984 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX047351.D
Acq: 15 Aug 2025 10:22

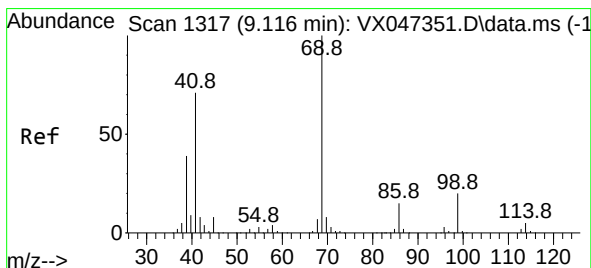
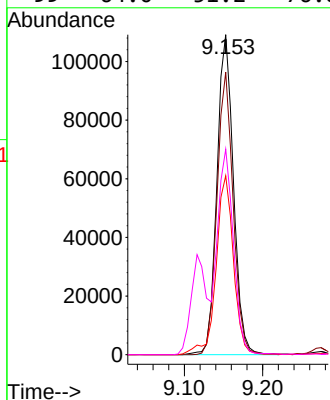
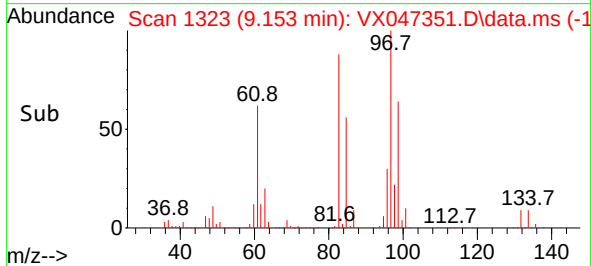
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



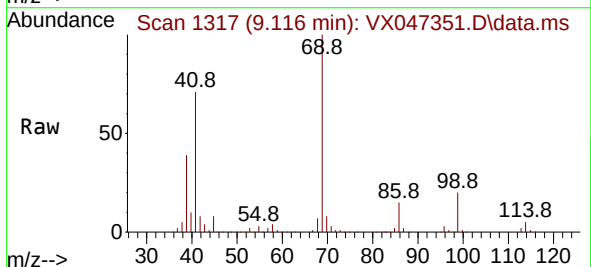
Tgt Ion: 97 Resp: 160439
Ion Ratio Lower Upper
97 100
83 88.3 70.6 106.0
85 55.9 44.7 67.1
99 64.0 51.2 76.8

Manual Integrations
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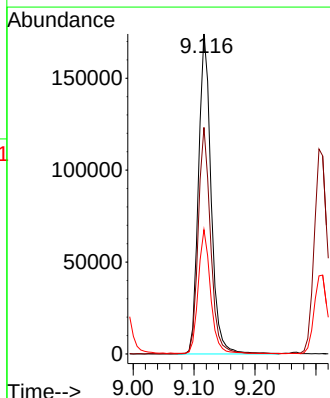
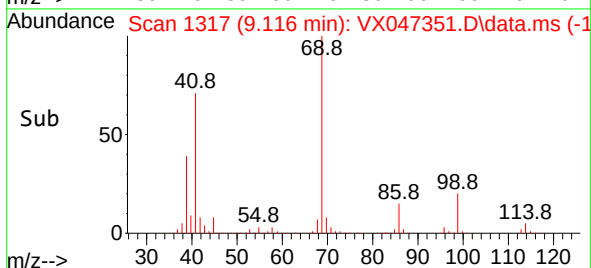
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025

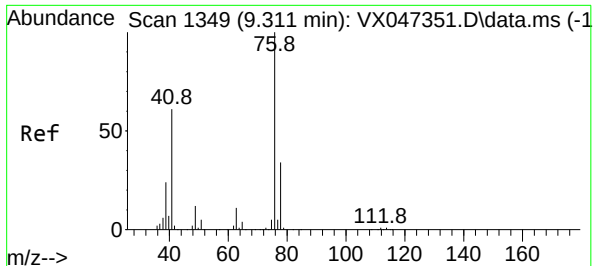


#56
Ethyl methacrylate
Concen: 58.164 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX047351.D
Acq: 15 Aug 2025 10:22



Tgt Ion: 69 Resp: 250221
Ion Ratio Lower Upper
69 100
41 69.1 55.3 82.9
39 37.7 30.2 45.2





#57

1,3-Dichloropropane

Concen: 54.656 ug/l

RT: 9.311 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX047351.D

Acq: 15 Aug 2025 10:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 76 Resp: 27175

Ion Ratio Lower Upper

76 100

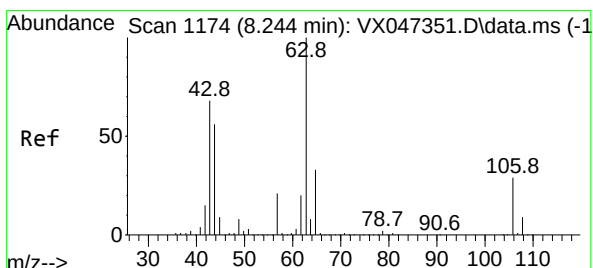
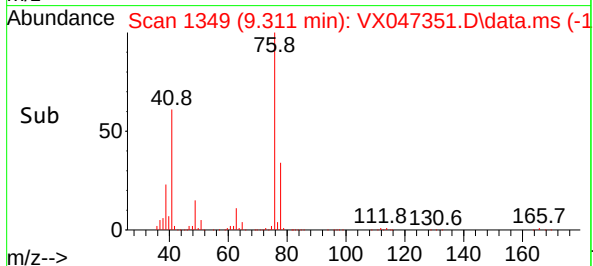
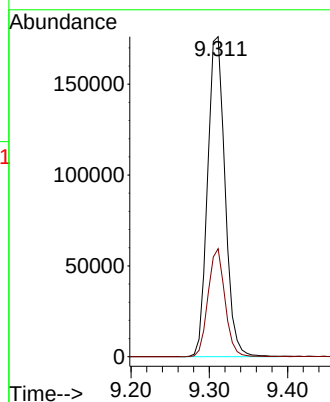
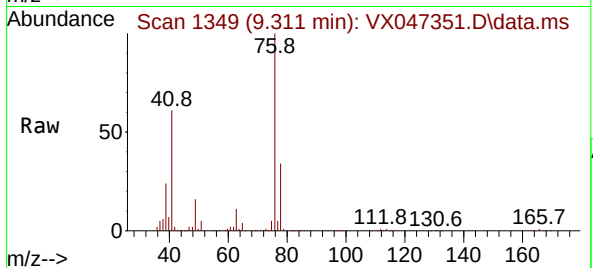
78 32.7 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/18/2025

Supervised By :Mahesh Dadoda 08/19/2025



#58

2-Chloroethyl Vinyl ether

Concen: 269.738 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. 0.000 min

Lab File: VX047351.D

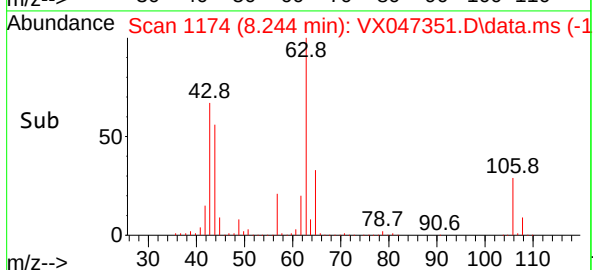
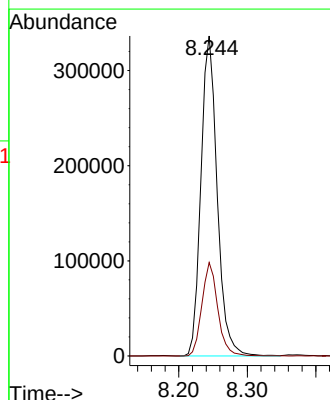
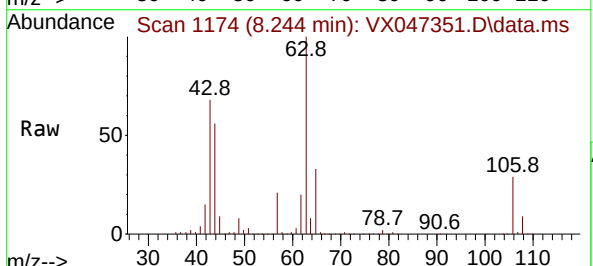
Acq: 15 Aug 2025 10:22

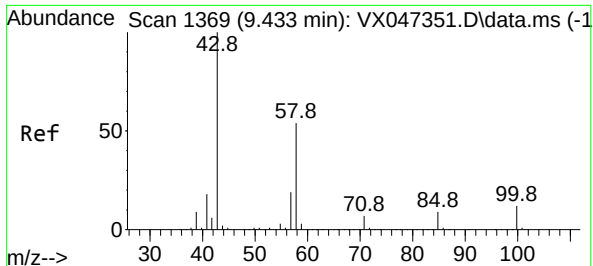
Tgt Ion: 63 Resp: 555513

Ion Ratio Lower Upper

63 100

106 28.5 22.8 34.2





#59

2-Hexanone

Concen: 285.099 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. 0.000 min

Lab File: VX047351.D

Acq: 15 Aug 2025 10:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 43 Resp: 703268

Ion Ratio Lower Upper

43 100

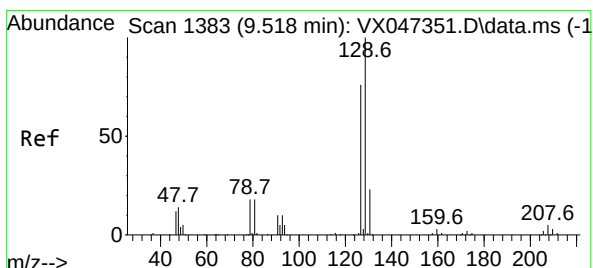
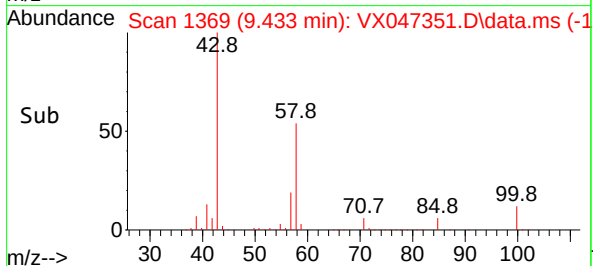
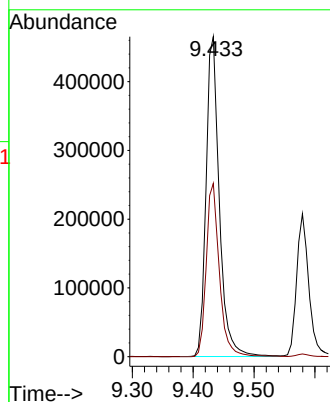
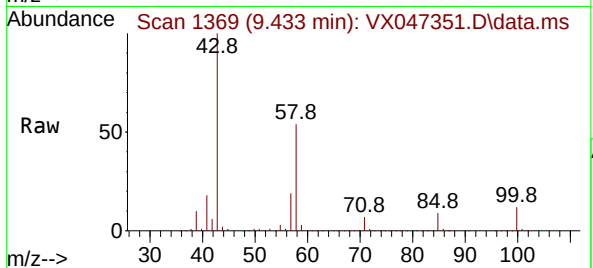
58 53.8 26.9 80.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/18/2025

Supervised By :Mahesh Dadoda 08/19/2025



#60

Dibromochloromethane

Concen: 54.326 ug/l

RT: 9.518 min Scan# 1383

Delta R.T. 0.000 min

Lab File: VX047351.D

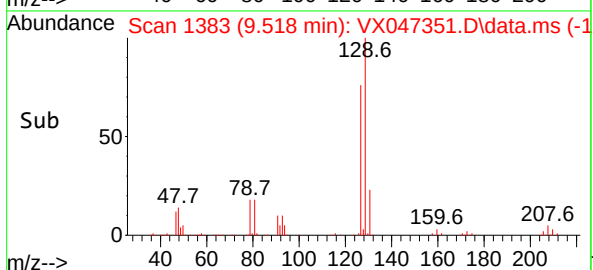
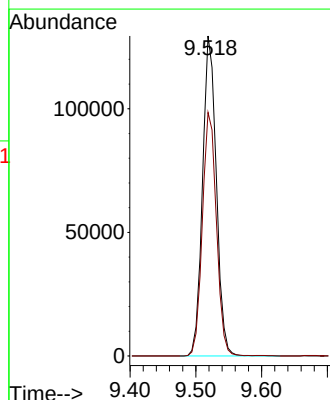
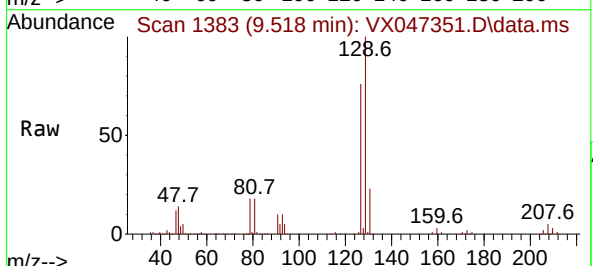
Acq: 15 Aug 2025 10:22

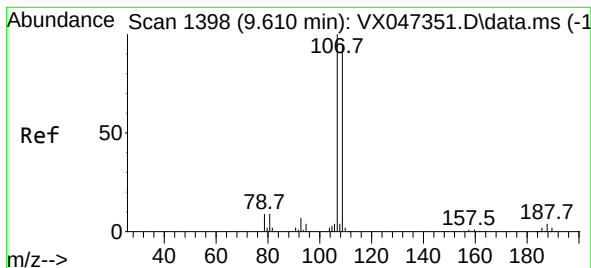
Tgt Ion:129 Resp: 188384

Ion Ratio Lower Upper

129 100

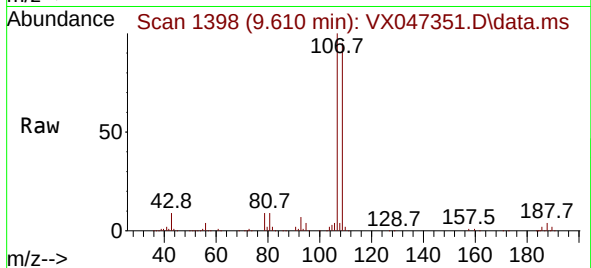
127 77.7 38.9 116.6





#61
1,2-Dibromoethane
Concen: 55.095 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX047351.D
Acq: 15 Aug 2025 10:22

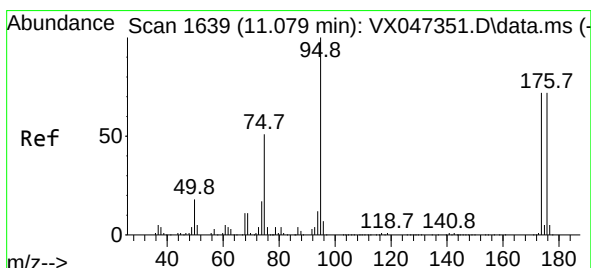
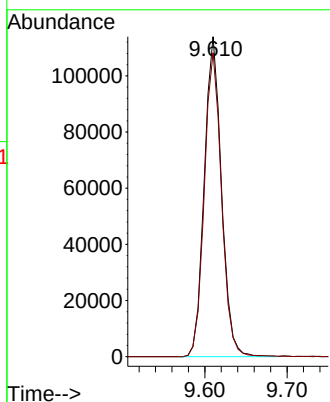
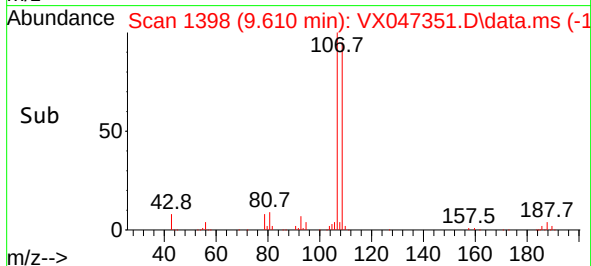
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



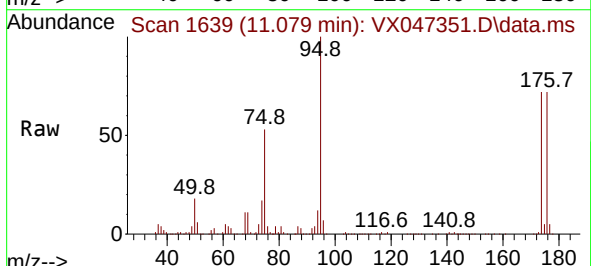
Tgt Ion:107 Resp: 165776
Ion Ratio Lower Upper
107 100
109 95.2 76.2 114.2

Manual Integrations
APPROVED

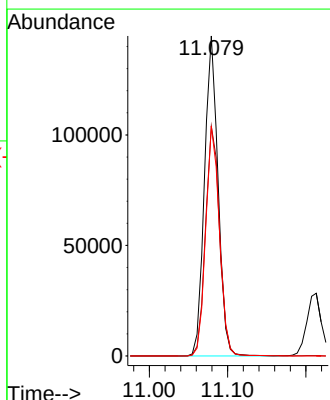
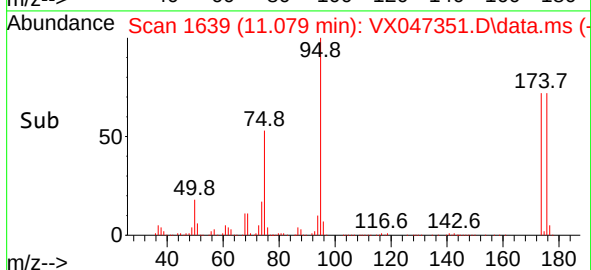
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025

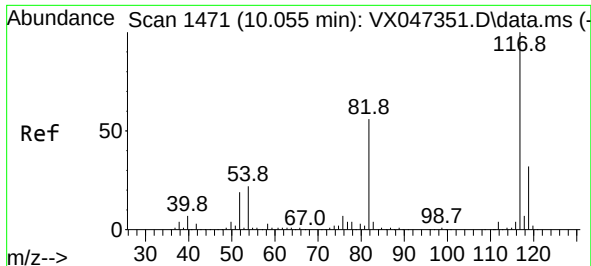


#62
4-Bromofluorobenzene
Concen: 50.050 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047351.D
Acq: 15 Aug 2025 10:22



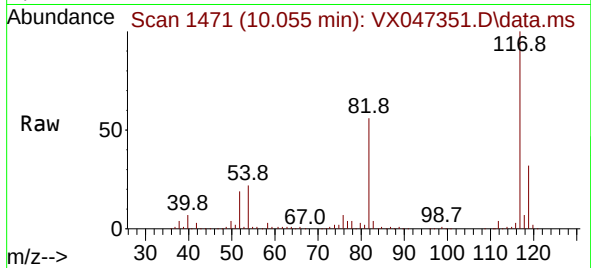
Tgt Ion: 95 Resp: 173764
Ion Ratio Lower Upper
95 100
174 74.0 0.0 148.0
176 72.7 0.0 145.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX047351.D
Acq: 15 Aug 2025 10:22

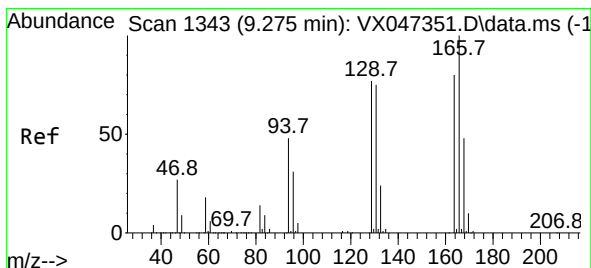
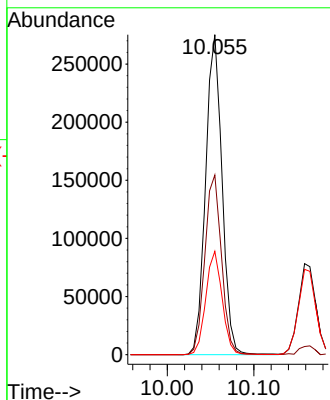
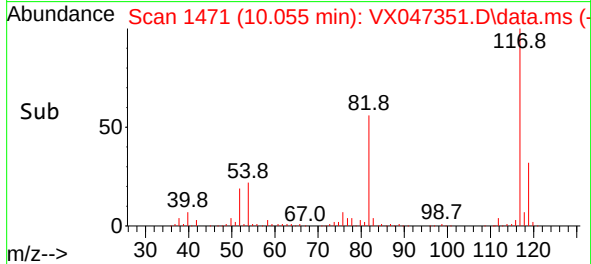
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion:117 Resp: 363128
Ion Ratio Lower Upper
117 100
82 56.2 45.0 67.4
119 32.3 25.8 38.8

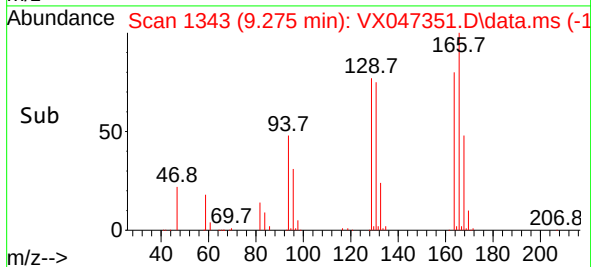
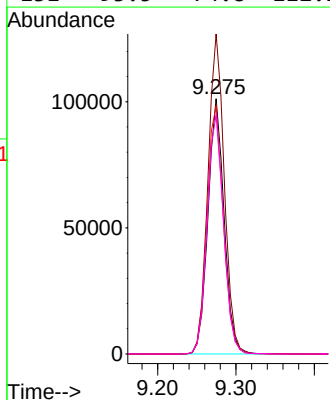
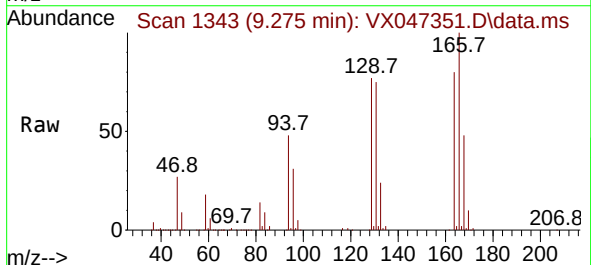
Manual Integrations
APPROVED

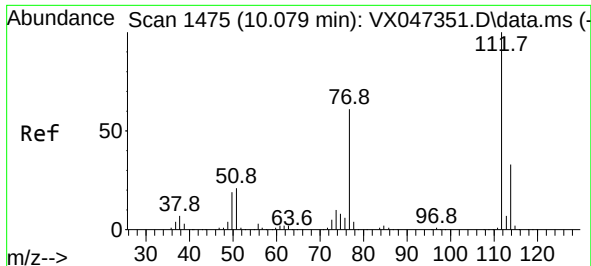
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025



#64
Tetrachloroethene
Concen: 54.962 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX047351.D
Acq: 15 Aug 2025 10:22

Tgt Ion:164 Resp: 144361
Ion Ratio Lower Upper
164 100
166 125.4 100.3 150.5
129 97.1 77.7 116.5
131 93.5 74.8 112.2





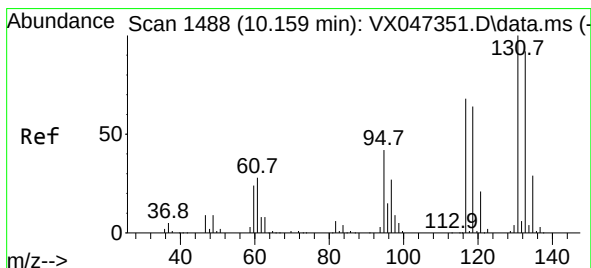
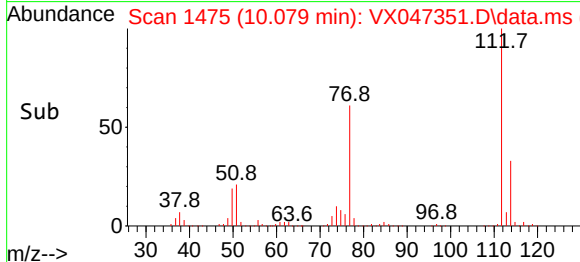
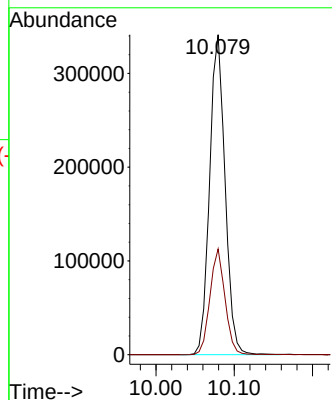
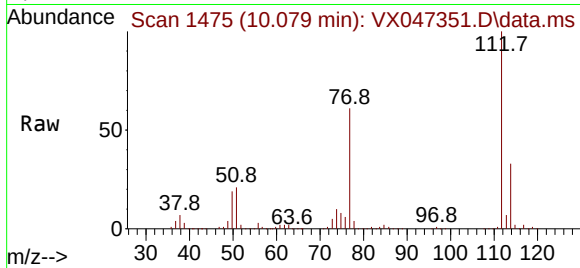
#65
Chlorobenzene
Concen: 54.119 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX047351.D
Acq: 15 Aug 2025 10:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:112 Resp: 467009
Ion Ratio Lower Upper
112 100
114 33.0 26.4 39.6

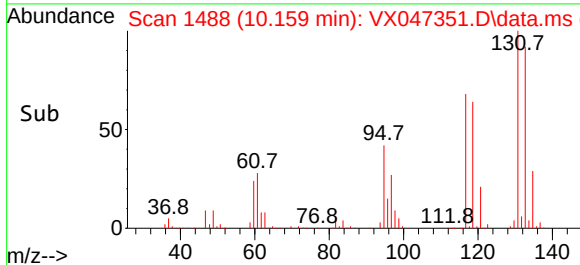
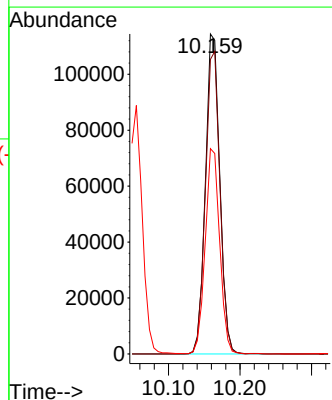
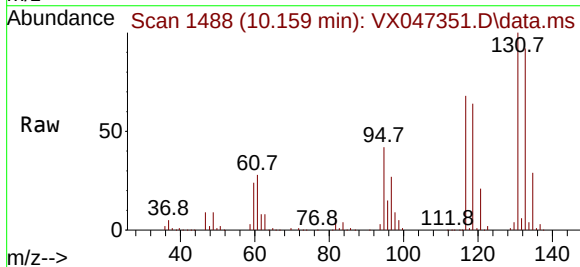
Manual Integrations
APPROVED

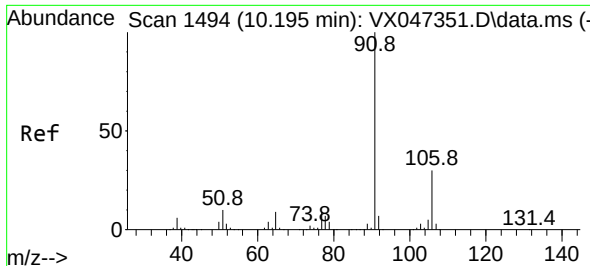
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 54.954 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX047351.D
Acq: 15 Aug 2025 10:22

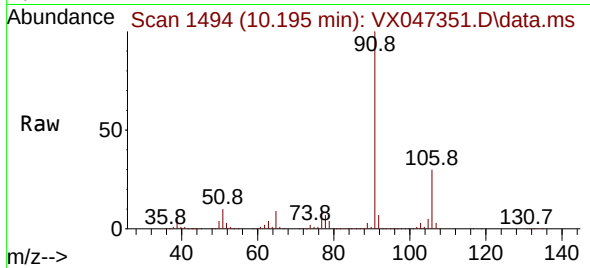
Tgt Ion:131 Resp: 160305
Ion Ratio Lower Upper
131 100
133 95.3 47.6 142.9
119 64.5 32.3 96.8





#67
Ethyl Benzene
Concen: 55.667 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX047351.D
Acq: 15 Aug 2025 10:22

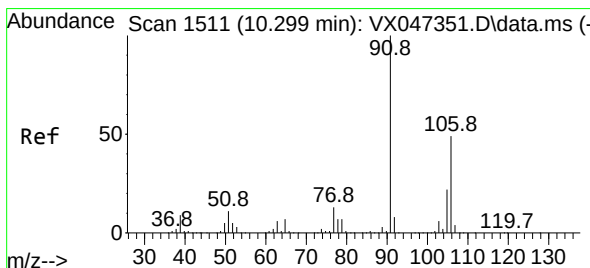
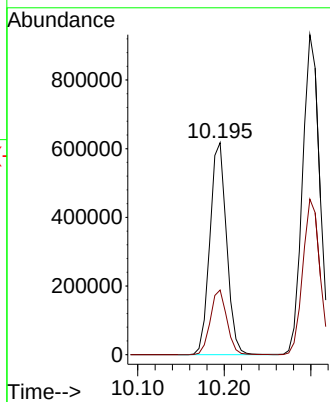
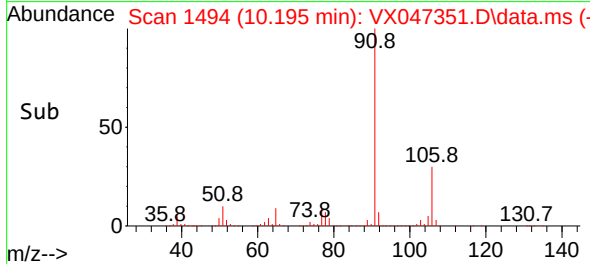
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 91 Resp: 826783
Ion Ratio Lower Upper
91 100
106 30.5 24.4 36.6

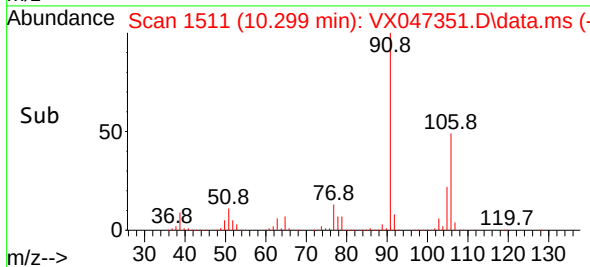
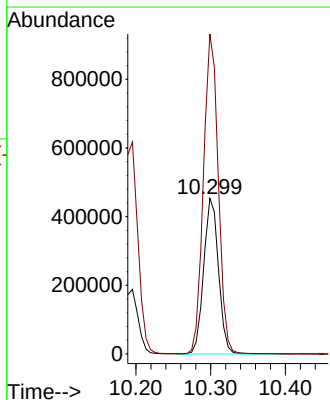
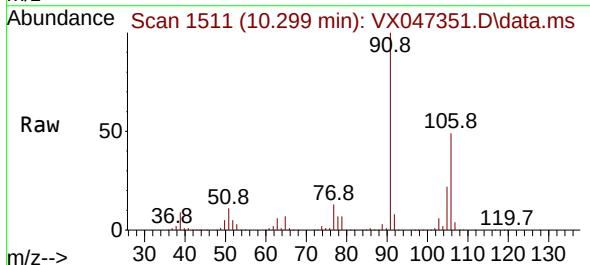
Manual Integrations
APPROVED

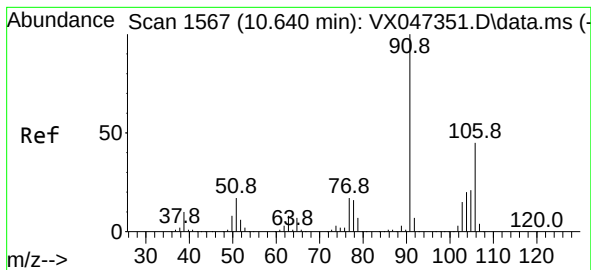
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025



#68
m/p-Xylenes
Concen: 112.475 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX047351.D
Acq: 15 Aug 2025 10:22

Tgt Ion:106 Resp: 622895
Ion Ratio Lower Upper
106 100
91 205.9 164.7 247.1





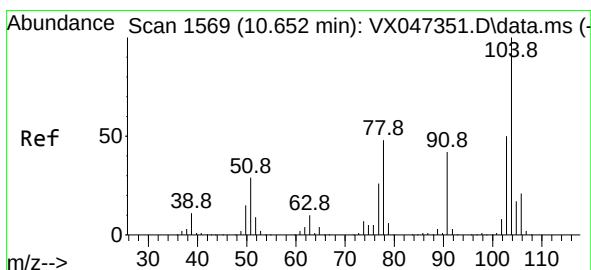
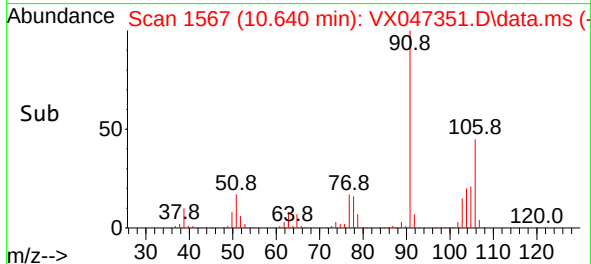
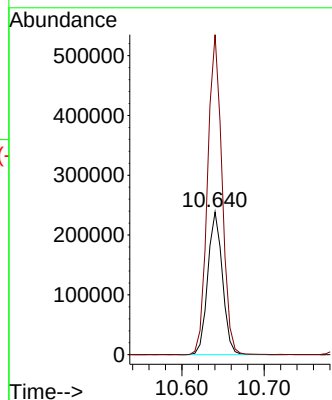
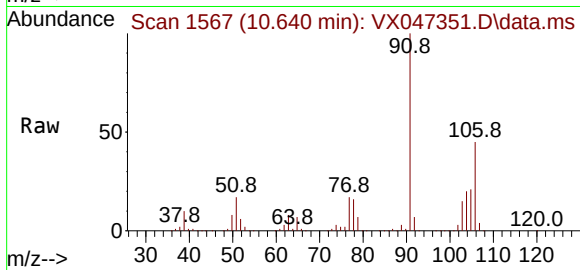
#69
o-Xylene
Concen: 55.407 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX047351.D
Acq: 15 Aug 2025 10:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:106 Resp: 295290
Ion Ratio Lower Upper
106 100
91 221.2 110.6 331.8

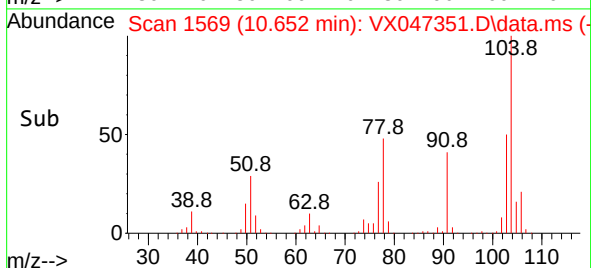
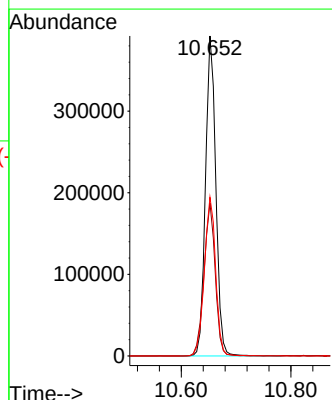
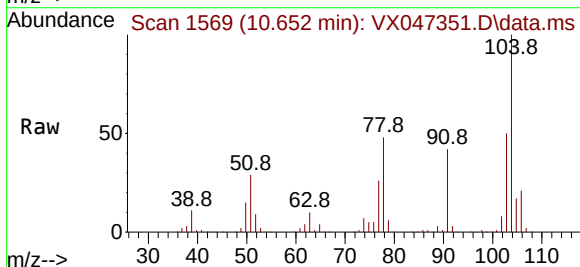
Manual Integrations
APPROVED

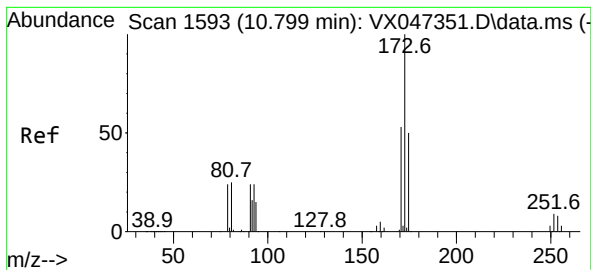
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025



#70
Styrene
Concen: 56.883 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX047351.D
Acq: 15 Aug 2025 10:22

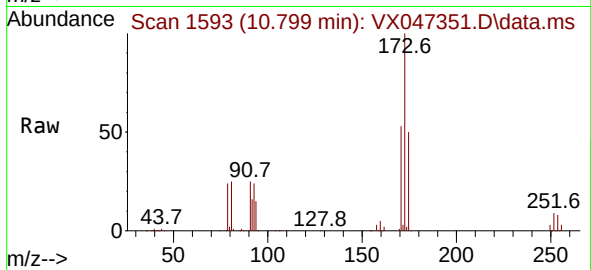
Tgt Ion:104 Resp: 512239
Ion Ratio Lower Upper
104 100
78 52.3 41.8 62.8
103 54.5 43.6 65.4





#71
Bromoform
Concen: 55.530 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX047351.D
Acq: 15 Aug 2025 10:22

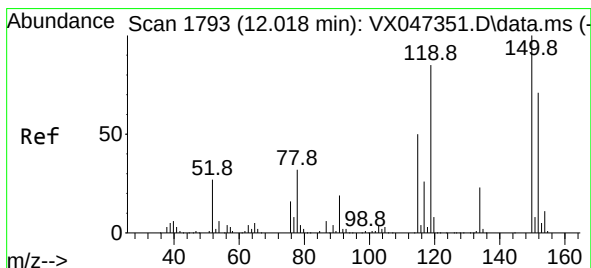
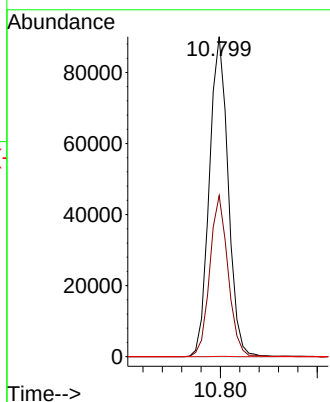
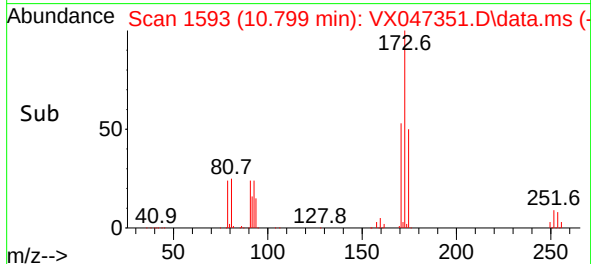
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



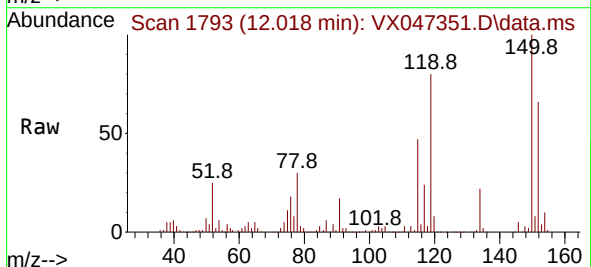
Tgt Ion:173 Resp: 121692
Ion Ratio Lower Upper
173 100
175 48.9 24.4 73.4
254 0.1 0.1 0.1

Manual Integrations
APPROVED

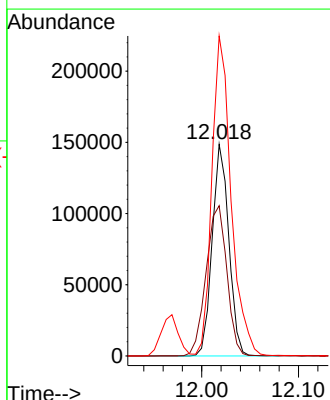
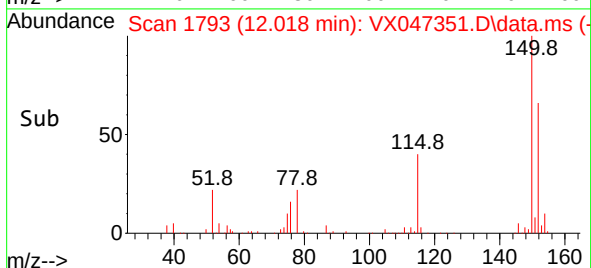
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025

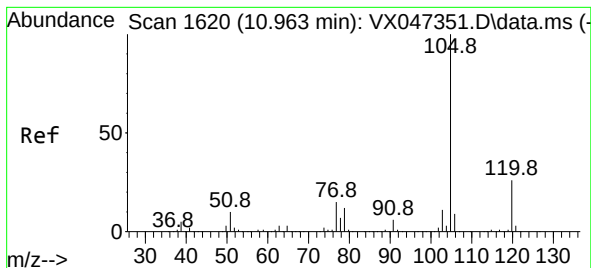


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX047351.D
Acq: 15 Aug 2025 10:22



Tgt Ion:152 Resp: 177366
Ion Ratio Lower Upper
152 100
115 89.2 44.6 133.8
150 174.9 0.0 349.8





#73

Isopropylbenzene

Concen: 56.210 ug/l

RT: 10.963 min Scan# 1620

Delta R.T. 0.000 min

Lab File: VX047351.D

Acq: 15 Aug 2025 10:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion:105 Resp: 78018

Ion Ratio Lower Upper

105 100

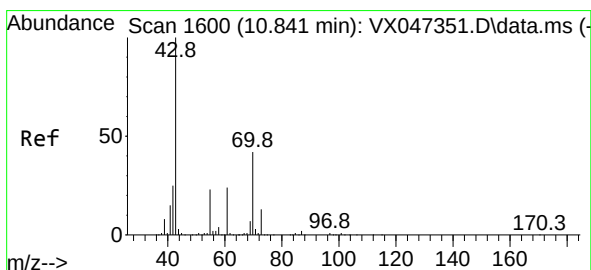
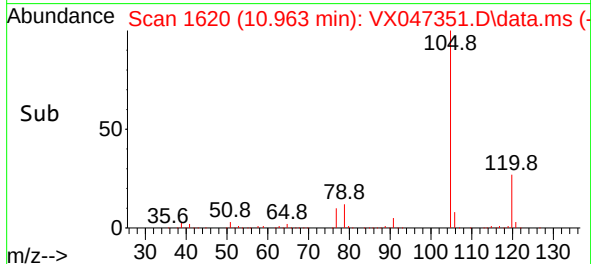
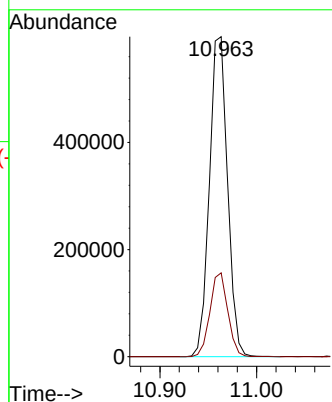
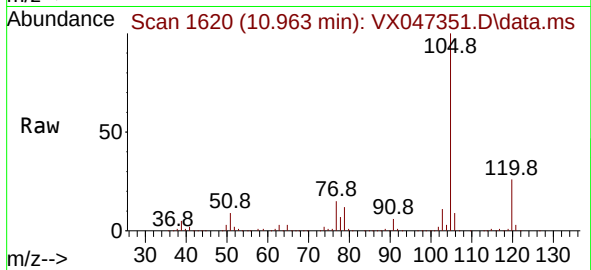
120 25.7 12.9 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/18/2025

Supervised By :Mahesh Dadoda 08/19/2025



#74

N-ethyl acetate

Concen: 58.194 ug/l

RT: 10.841 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VX047351.D

Acq: 15 Aug 2025 10:22

Tgt Ion: 43 Resp: 306720

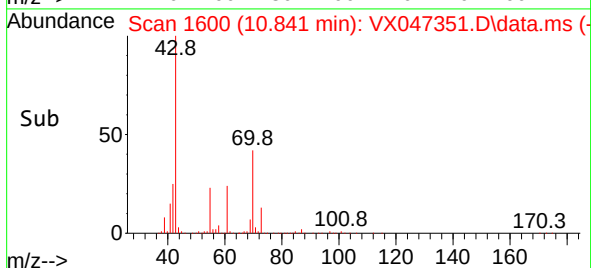
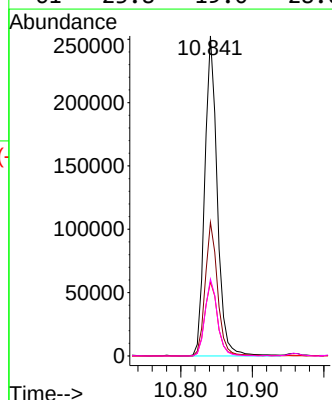
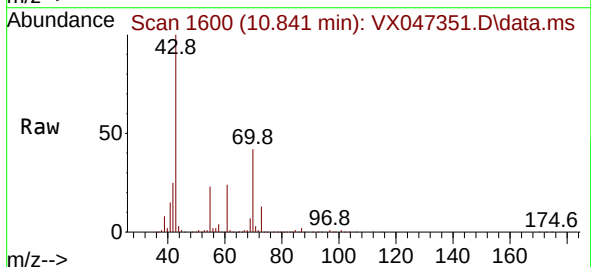
Ion Ratio Lower Upper

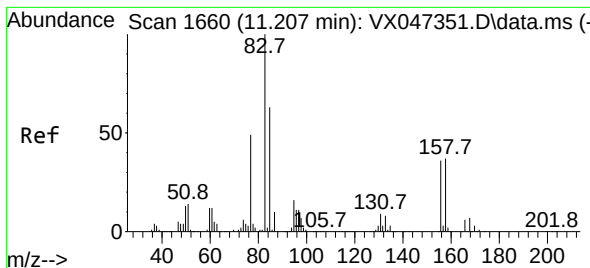
43 100

70 41.4 33.1 49.7

55 23.8 19.0 28.6

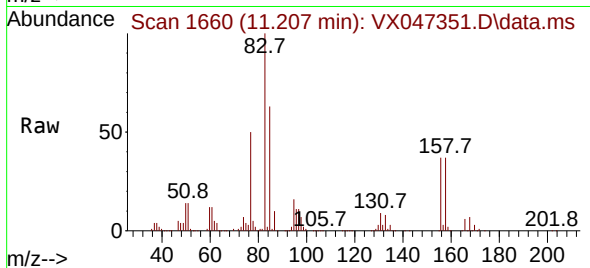
61 23.8 19.0 28.6





#75
1,1,2,2-Tetrachloroethane
Concen: 55.228 ug/l
RT: 11.207 min Scan# 1660
Delta R.T. 0.000 min
Lab File: VX047351.D
Acq: 15 Aug 2025 10:22

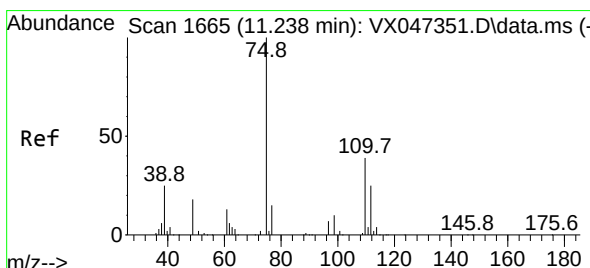
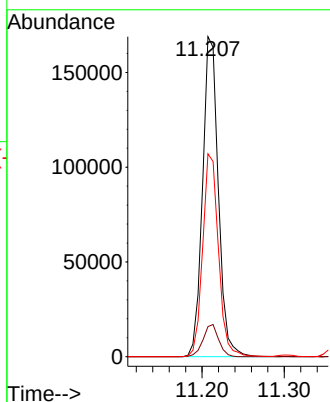
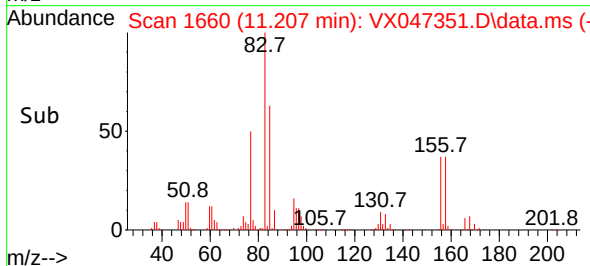
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 83 Resp: 225063
Ion Ratio Lower Upper
83 100
131 10.0 5.0 15.0
85 63.4 31.7 95.1

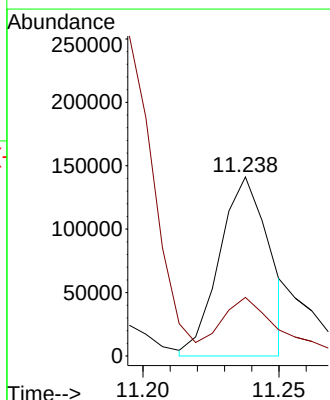
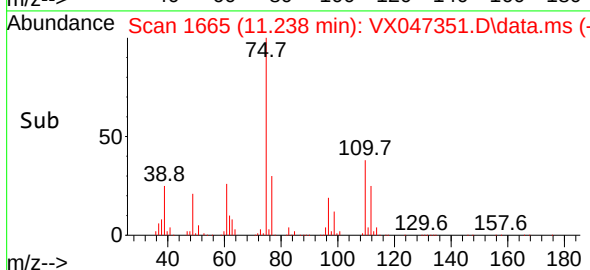
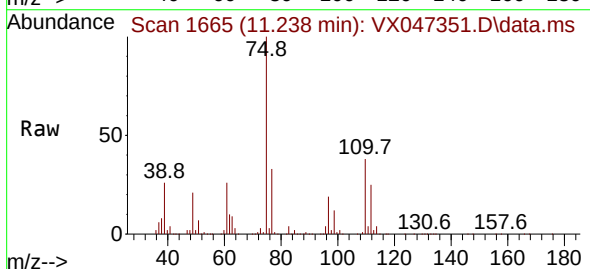
Manual Integrations
APPROVED

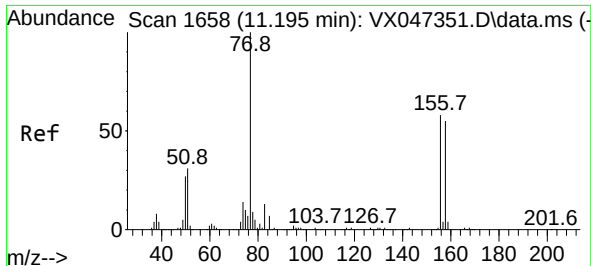
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025



#76
1,2,3-Trichloropropane
Concen: 55.266 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX047351.D
Acq: 15 Aug 2025 10:22

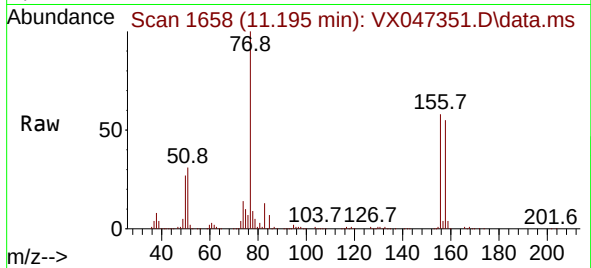
Tgt Ion: 75 Resp: 179785
Ion Ratio Lower Upper
75 100
77 38.8 19.4 58.2





#77
Bromobenzene
Concen: 55.124 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VX047351.D
Acq: 15 Aug 2025 10:22

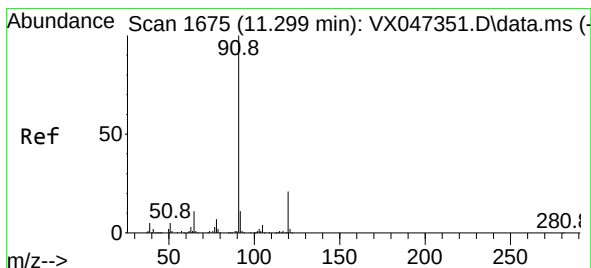
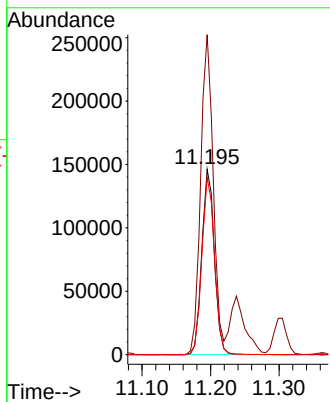
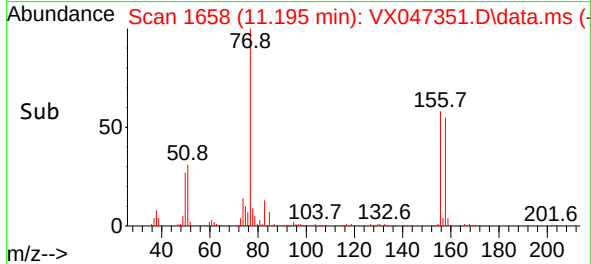
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion:156 Resp: 186832
Ion Ratio Lower Upper
156 100
77 172.6 86.3 258.9
158 96.1 48.0 144.2

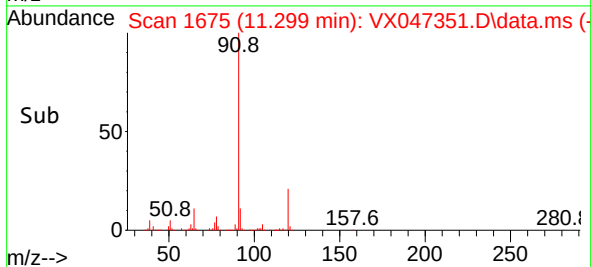
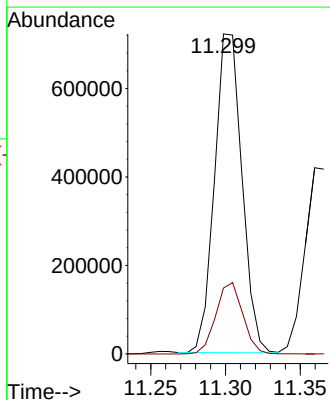
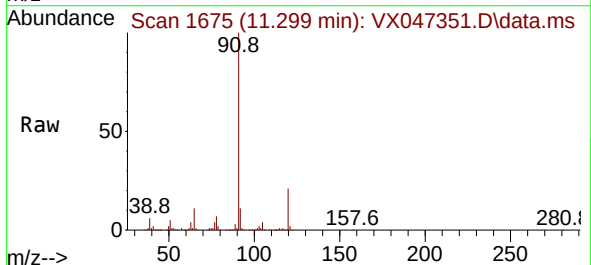
Manual Integrations
APPROVED

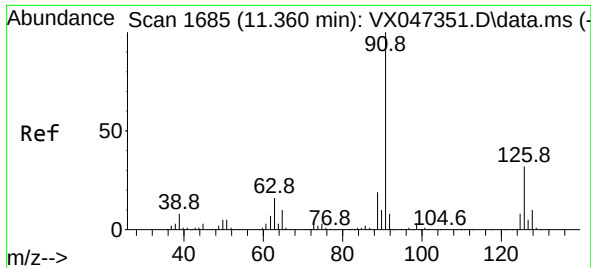
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025



#78
n-propylbenzene
Concen: 55.413 ug/l
RT: 11.299 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VX047351.D
Acq: 15 Aug 2025 10:22

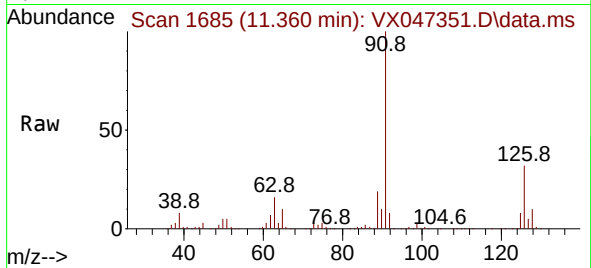
Tgt Ion: 91 Resp: 918573
Ion Ratio Lower Upper
91 100
120 22.0 11.0 33.0





#79
2-Chlorotoluene
Concen: 54.793 ug/l
RT: 11.360 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VX047351.D
Acq: 15 Aug 2025 10:22

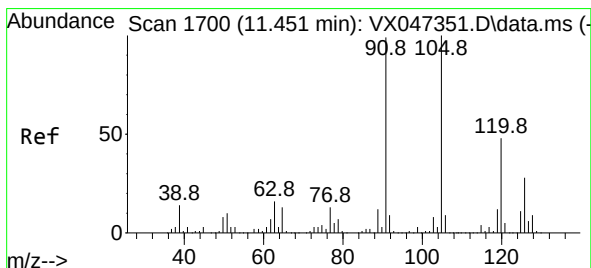
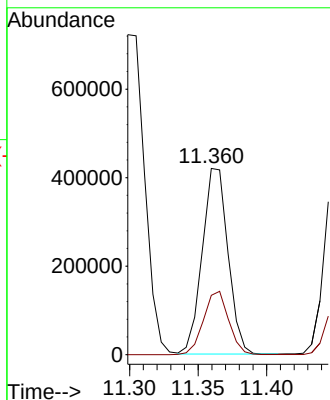
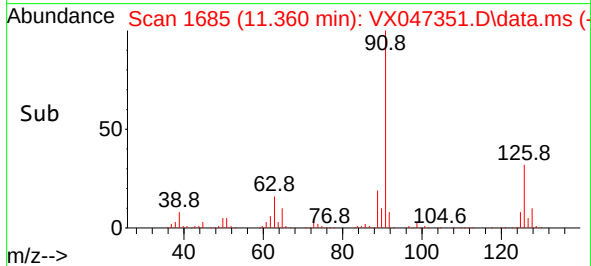
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 91 Resp: 549070
Ion Ratio Lower Upper
91 100
126 33.4 16.7 50.1

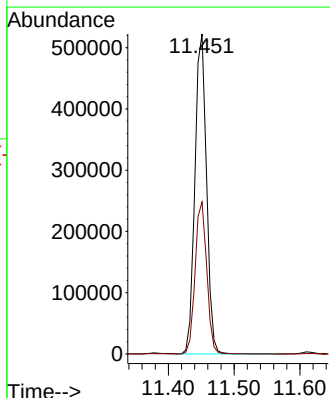
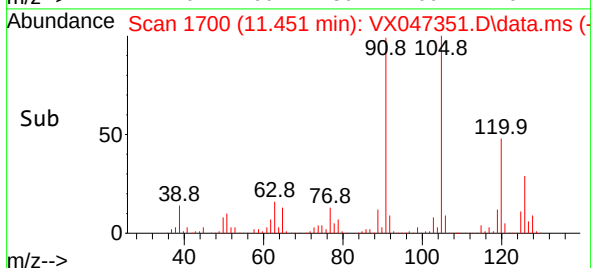
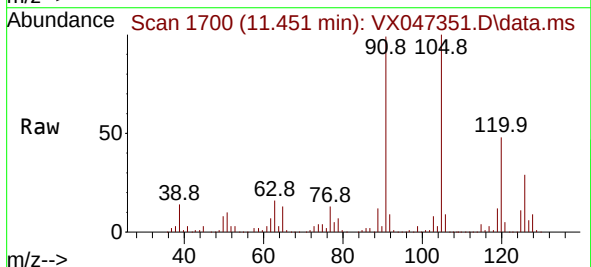
Manual Integrations
APPROVED

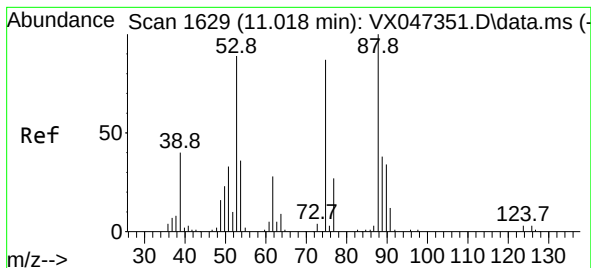
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025



#80
1,3,5-Trimethylbenzene
Concen: 55.720 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX047351.D
Acq: 15 Aug 2025 10:22

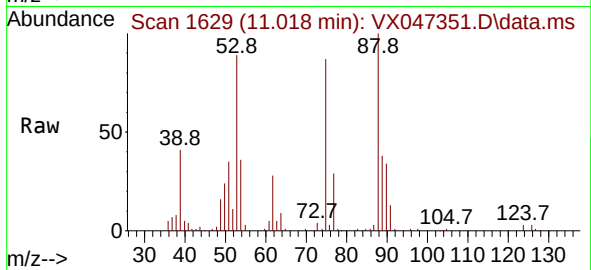
Tgt Ion:105 Resp: 636323
Ion Ratio Lower Upper
105 100
120 47.8 23.9 71.7





#81
trans-1,4-Dichloro-2-butene
Concen: 47.608 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX047351.D
Acq: 15 Aug 2025 10:22

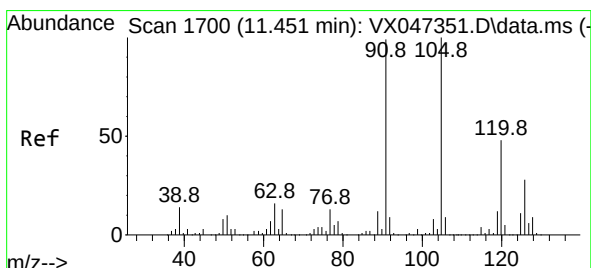
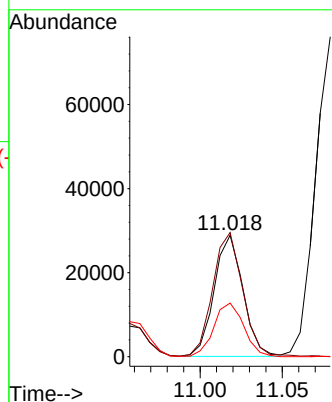
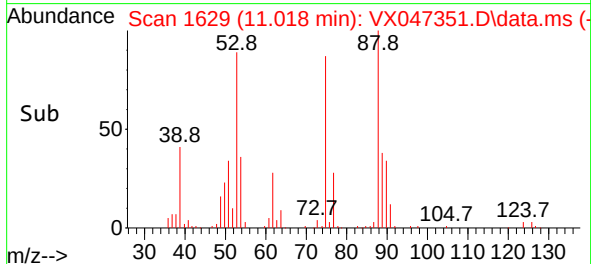
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 75 Resp: 3529
Ion Ratio Lower Upper
75 100
53 106.5 85.2 127.8
89 45.9 36.7 55.1

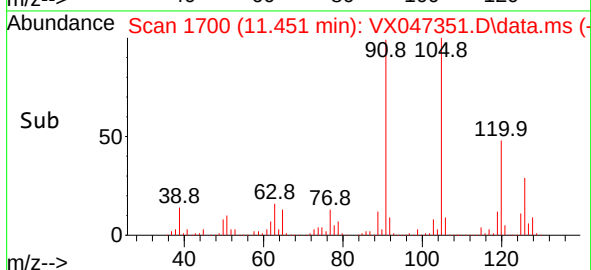
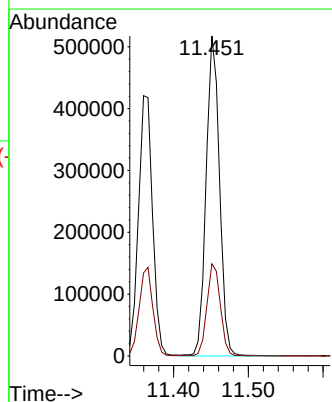
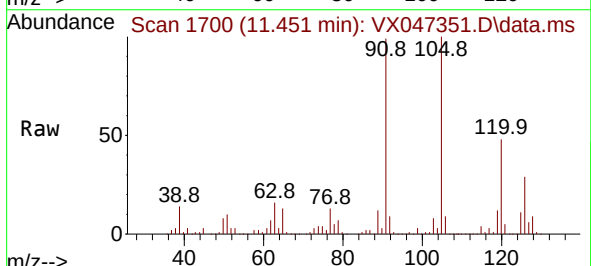
Manual Integrations
APPROVED

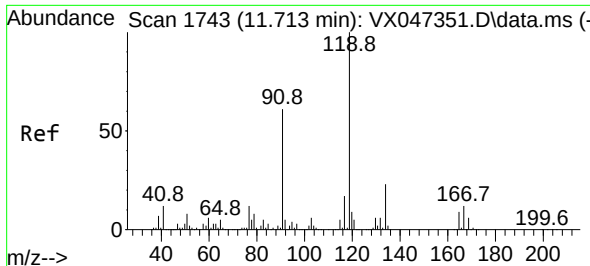
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025



#82
4-Chlorotoluene
Concen: 54.505 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX047351.D
Acq: 15 Aug 2025 10:22

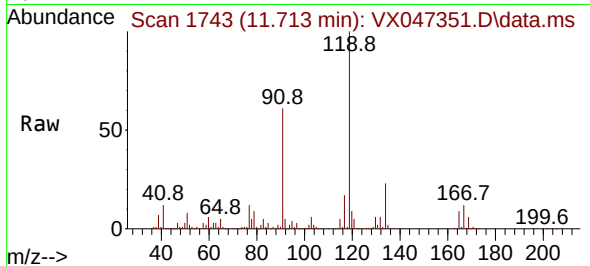
Tgt Ion: 91 Resp: 643830
Ion Ratio Lower Upper
91 100
126 28.7 14.4 43.0





#83
 tert-Butylbenzene
 Concen: 56.344 ug/l
 RT: 11.713 min Scan# 1743
 Delta R.T. 0.000 min
 Lab File: VX047351.D
 Acq: 15 Aug 2025 10:22

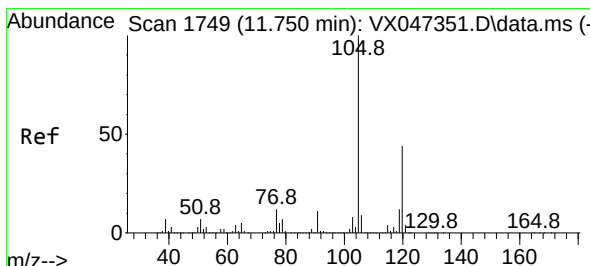
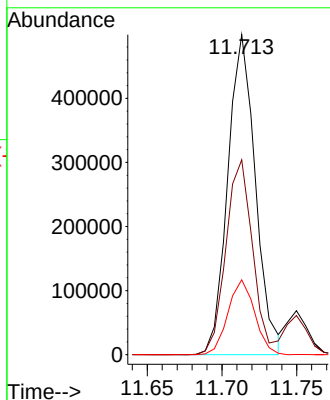
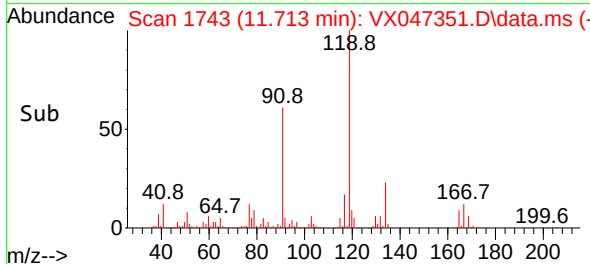
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050



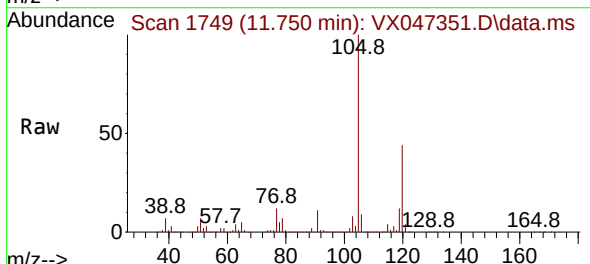
Tgt Ion:119 Resp: 64195
 Ion Ratio Lower Upper
 119 100
 91 58.3 29.1 87.4
 134 22.6 11.3 33.9

Manual Integrations
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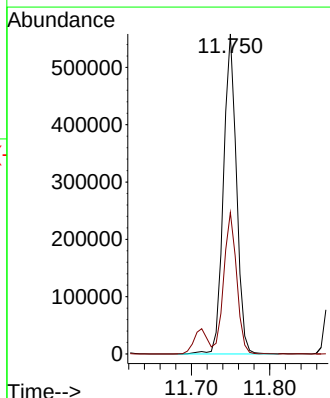
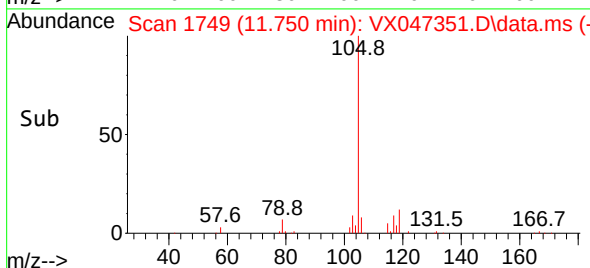
Reviewed By :John Carlone 08/18/2025
 Supervised By :Mahesh Dadoda 08/19/2025

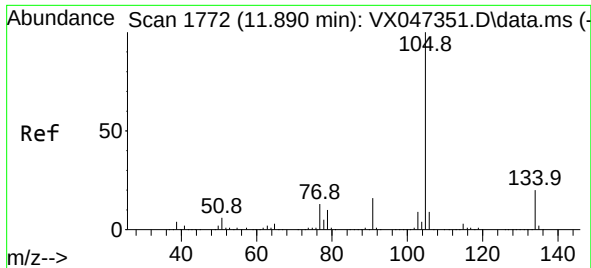


#84
 1,2,4-Trimethylbenzene
 Concen: 56.614 ug/l
 RT: 11.750 min Scan# 1749
 Delta R.T. 0.000 min
 Lab File: VX047351.D
 Acq: 15 Aug 2025 10:22



Tgt Ion:105 Resp: 646548
 Ion Ratio Lower Upper
 105 100
 120 43.8 21.9 65.7





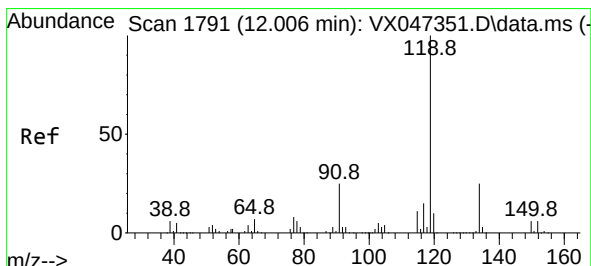
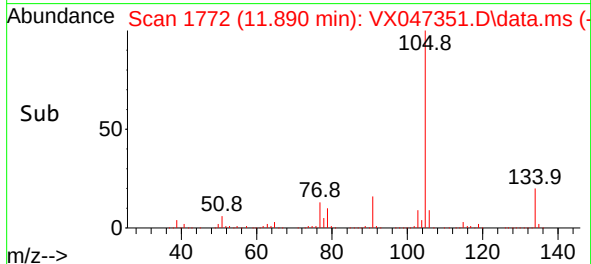
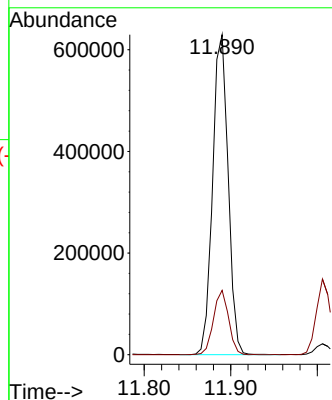
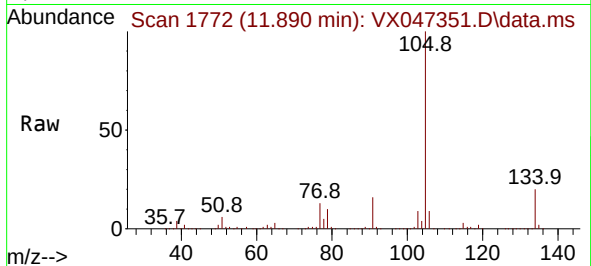
#85
 sec-Butylbenzene
 Concen: 55.470 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX047351.D
 Acq: 15 Aug 2025 10:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tgt Ion:105 Resp: 78334
 Ion Ratio Lower Upper
 105 100
 134 19.7 9.8 29.5

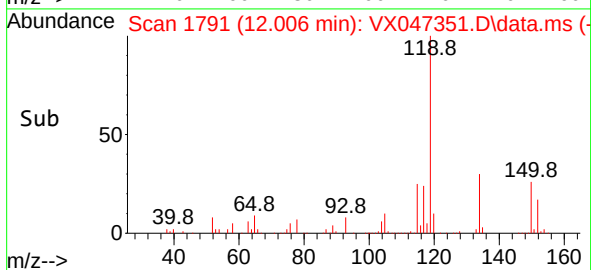
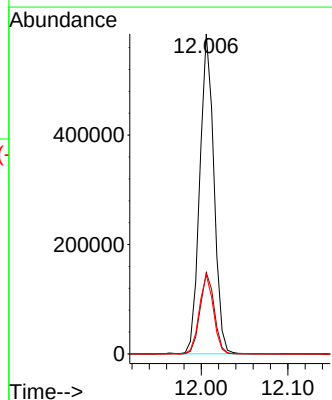
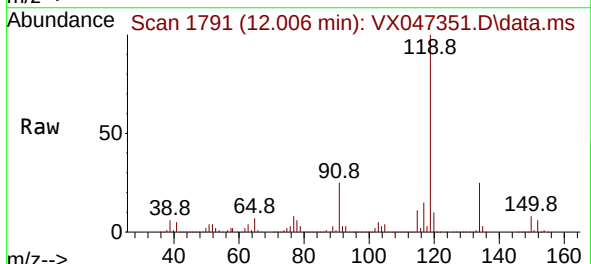
Manual Integrations
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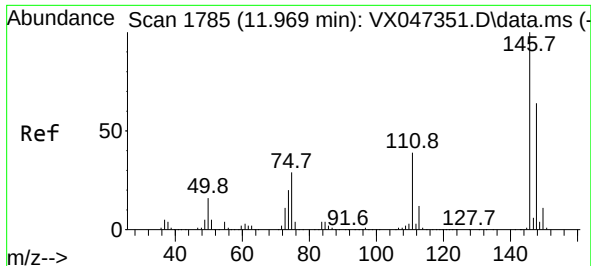
Reviewed By :John Carlone 08/18/2025
 Supervised By :Mahesh Dadoda 08/19/2025



#86
 p-Isopropyltoluene
 Concen: 55.303 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX047351.D
 Acq: 15 Aug 2025 10:22

Tgt Ion:119 Resp: 660872
 Ion Ratio Lower Upper
 119 100
 134 25.6 12.8 38.4
 91 24.9 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 54.320 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX047351.D

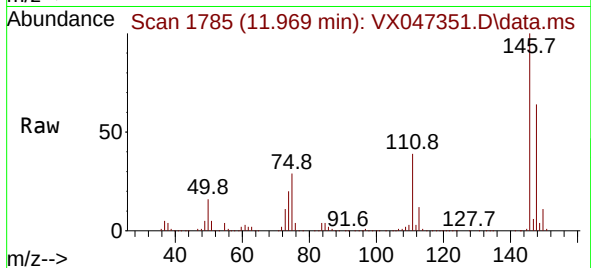
Acq: 15 Aug 2025 10:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050



Tgt Ion:146 Resp: 351718

Ion Ratio Lower Upper

146 100

111 41.2 20.6 61.8

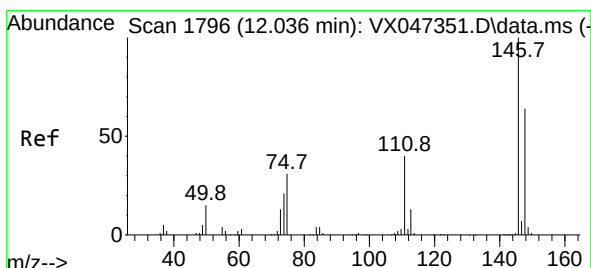
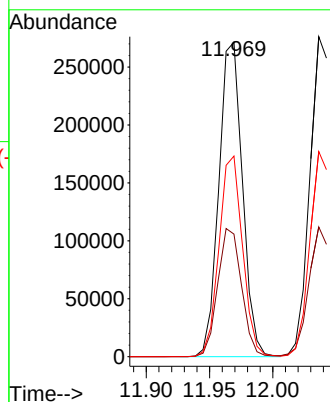
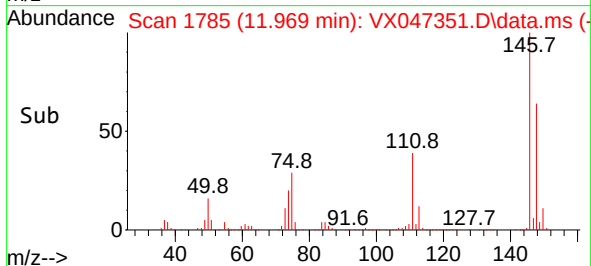
148 63.7 31.9 95.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/18/2025

Supervised By :Mahesh Dadoda 08/19/2025



#88

1,4-Dichlorobenzene

Concen: 52.886 ug/l

RT: 12.036 min Scan# 1796

Delta R.T. 0.000 min

Lab File: VX047351.D

Acq: 15 Aug 2025 10:22

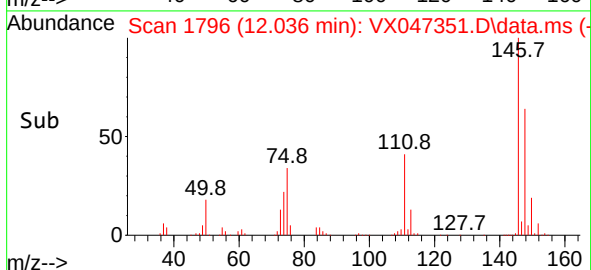
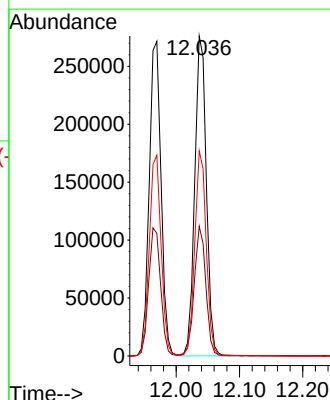
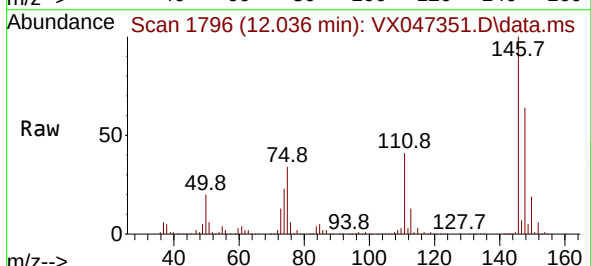
Tgt Ion:146 Resp: 352196

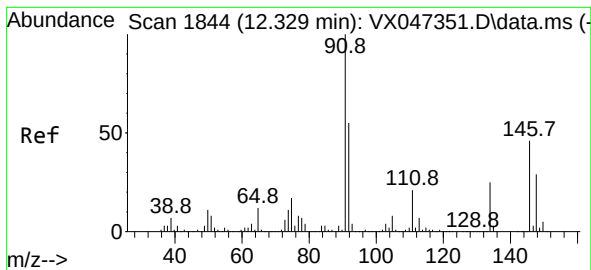
Ion Ratio Lower Upper

146 100

111 40.8 20.4 61.2

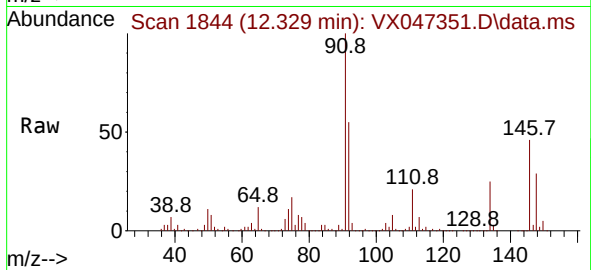
148 63.4 31.7 95.1





#89
n-Butylbenzene
Concen: 54.957 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX047351.D
Acq: 15 Aug 2025 10:22

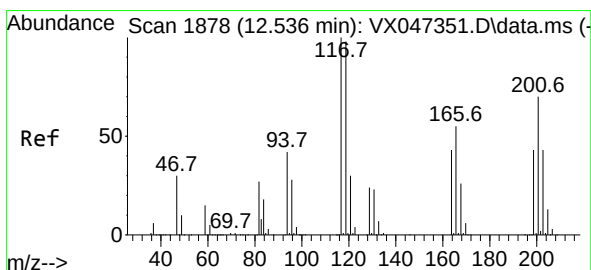
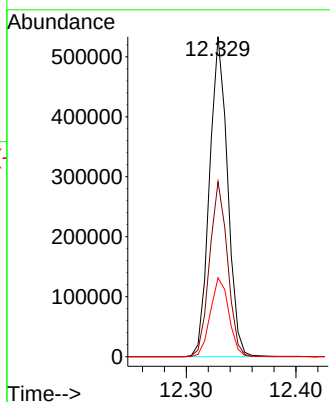
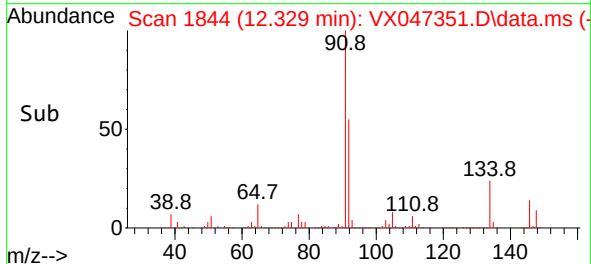
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 91 Resp: 610840
Ion Ratio Lower Upper
91 100
92 54.3 27.2 81.5
134 25.2 12.6 37.8

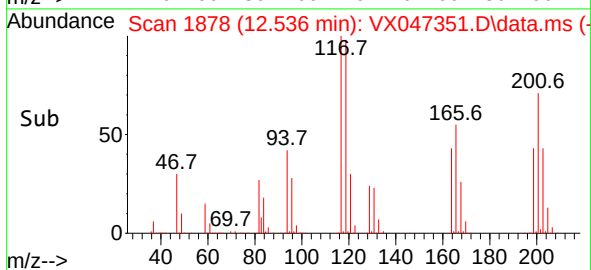
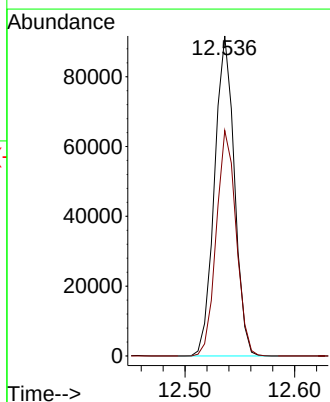
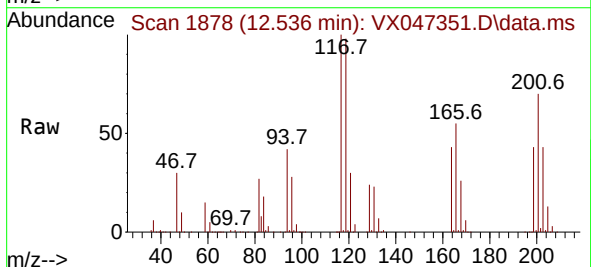
Manual Integrations
APPROVED

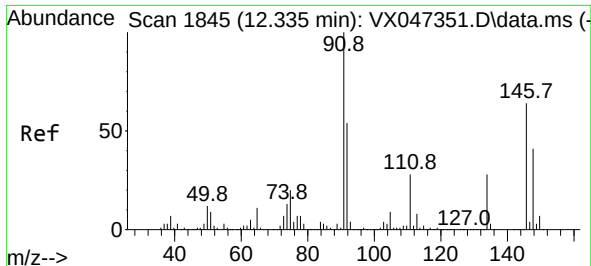
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025



#90
Hexachloroethane
Concen: 55.228 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX047351.D
Acq: 15 Aug 2025 10:22

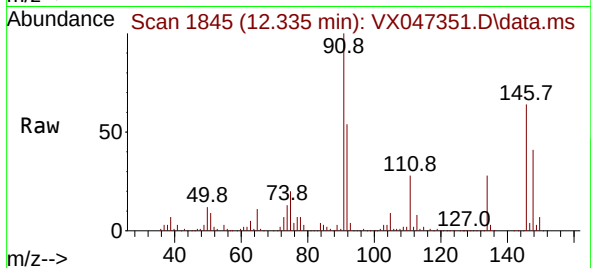
Tgt Ion:117 Resp: 115780
Ion Ratio Lower Upper
117 100
201 70.2 35.1 105.3





#91
1,2-Dichlorobenzene
Concen: 53.742 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX047351.D
Acq: 15 Aug 2025 10:22

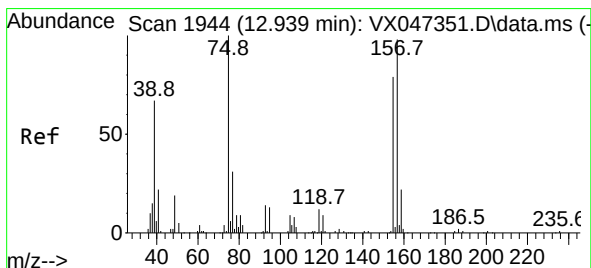
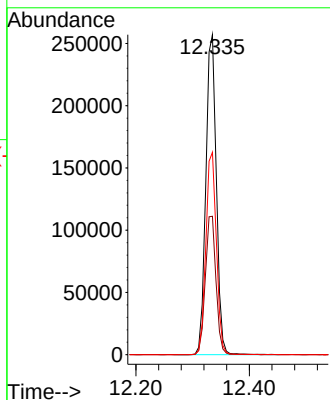
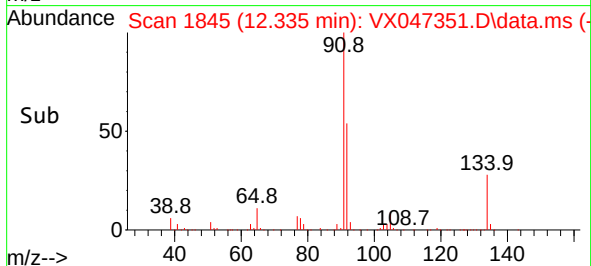
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion:146 Resp: 33028
Ion Ratio Lower Upper
146 100
111 44.1 22.1 66.1
148 63.7 31.9 95.5

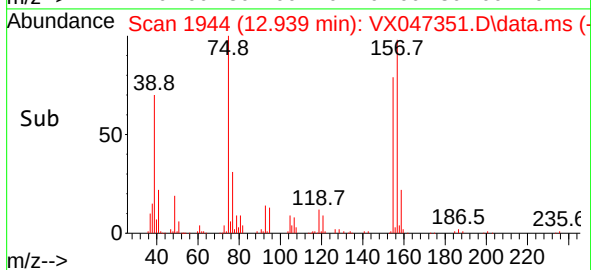
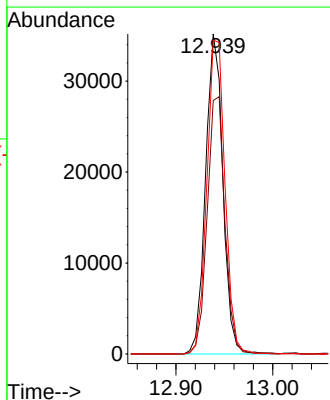
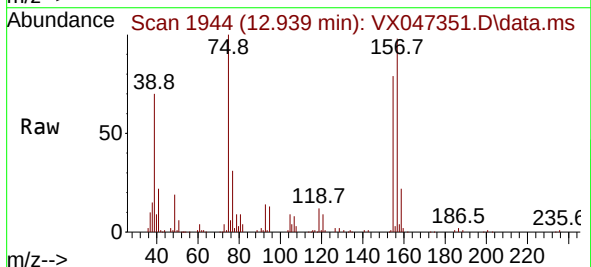
Manual Integrations
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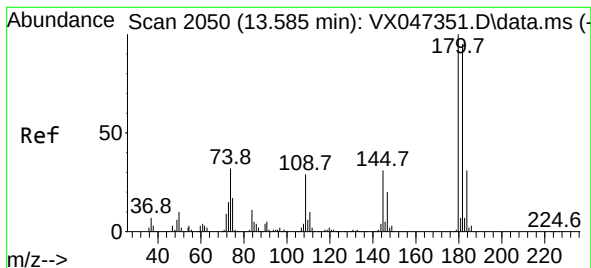
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 55.654 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX047351.D
Acq: 15 Aug 2025 10:22

Tgt Ion: 75 Resp: 43861
Ion Ratio Lower Upper
75 100
155 82.5 41.3 123.7
157 103.0 51.5 154.5





#93

1,2,4-Trichlorobenzene

Concen: 53.111 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX047351.D

Acq: 15 Aug 2025 10:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion:180 Resp: 218820

Ion Ratio Lower Upper

180 100

182 96.3 48.1 144.4

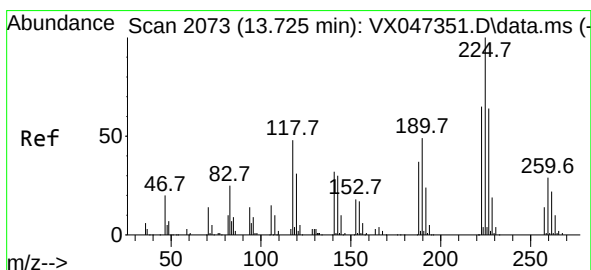
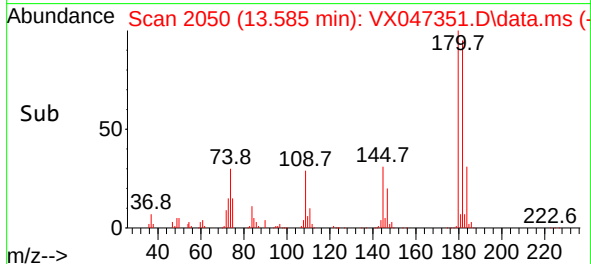
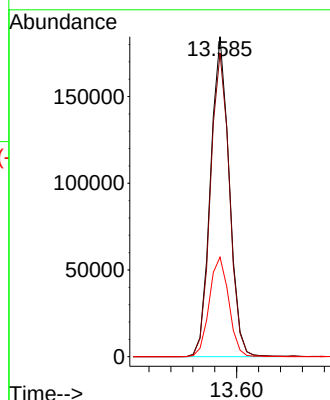
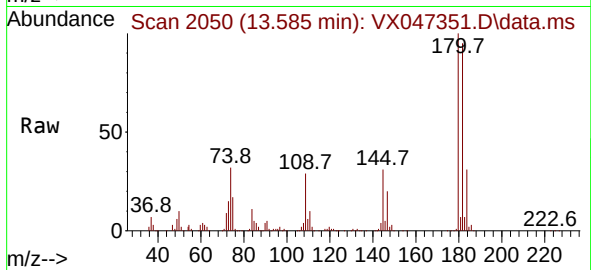
145 32.3 16.2 48.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/18/2025

Supervised By :Mahesh Dadoda 08/19/2025



#94

Hexachlorobutadiene

Concen: 48.921 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX047351.D

Acq: 15 Aug 2025 10:22

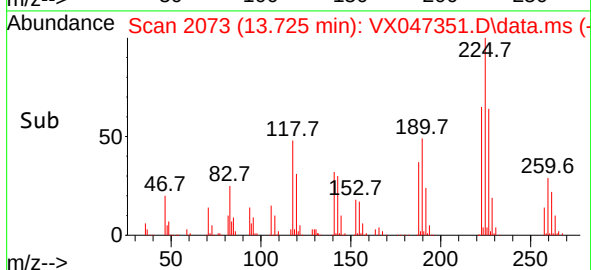
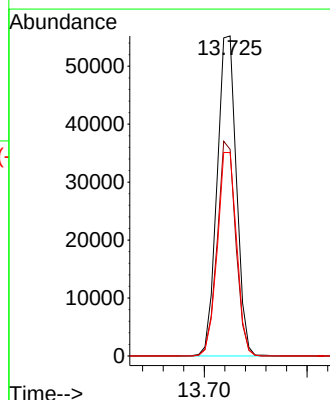
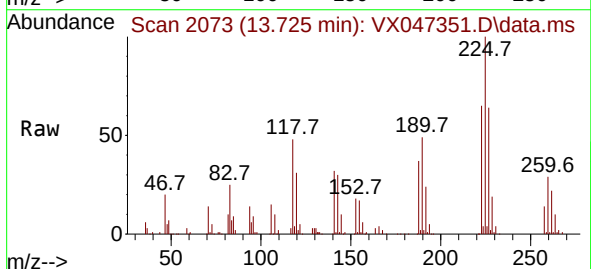
Tgt Ion:225 Resp: 71744

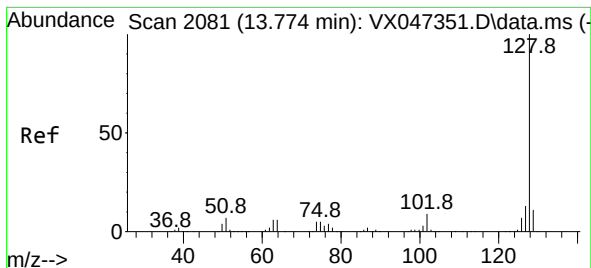
Ion Ratio Lower Upper

225 100

223 64.4 32.2 96.6

227 63.3 31.6 95.0





#95

Naphthalene

Concen: 56.930 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX047351.D

Acq: 15 Aug 2025 10:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion:128 Resp: 67030

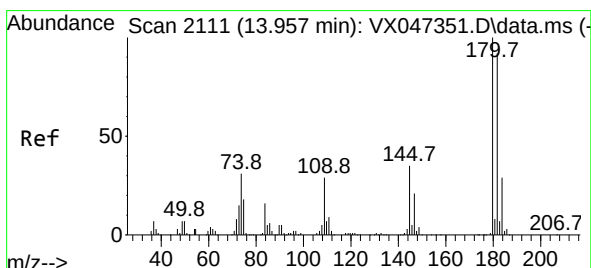
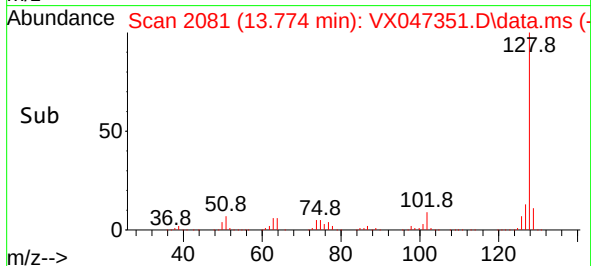
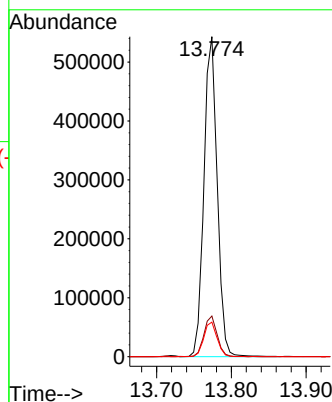
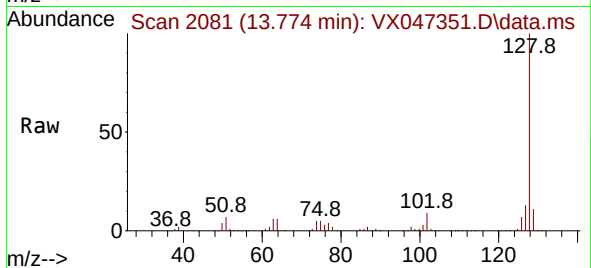
Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.1	15.1
129	10.9	8.7	13.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/18/2025

Supervised By :Mahesh Dadoda 08/19/2025



#96

1,2,3-Trichlorobenzene

Concen: 53.605 ug/l

RT: 13.957 min Scan# 2111

Delta R.T. 0.000 min

Lab File: VX047351.D

Acq: 15 Aug 2025 10:22

Tgt Ion:180 Resp: 208179

Ion	Ratio	Lower	Upper
180	100		
182	96.1	48.0	144.2
145	34.8	17.4	52.2

