

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081525\
 Data File : VX047353.D
 Acq On : 15 Aug 2025 11:05
 Operator : JC/MD
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC150

Quant Time: Aug 18 02:55:37 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

Manual Integrations APPROVED

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

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	218039	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	378315	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	330090	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	153878	50.000	ug/l	# 0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.964	65	498398	163.328	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 326.660%#	
35) Dibromofluoromethane	5.397	113	396260	161.390	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 322.780%#	
50) Toluene-d8	8.653	98	1397755	159.272	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 318.540%#	
62) 4-Bromofluorobenzene	11.079	95	508844	157.125	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 314.240%#	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.185	85	445045	160.118	ug/l	98
3) Chloromethane	1.313	50	388526	155.385	ug/l	97
4) Vinyl Chloride	1.392	62	494933	157.702	ug/l	97
5) Bromomethane	1.618	94	170864	134.788	ug/l	100
6) Chloroethane	1.703	64	276042	143.758	ug/l	97
7) Trichlorofluoromethane	1.904	101	699331	150.647	ug/l	98
8) Diethyl Ether	2.148	74	251983	154.158	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.349	101	416485	154.664	ug/l	99
10) Methyl Iodide	2.471	142	794834	172.239	ug/l	98
11) Tert butyl alcohol	2.977	59	206679	778.553	ug/l	100
12) 1,1-Dichloroethene	2.337	96	425622	155.037	ug/l	99
13) Acrolein	2.252	56	429798	766.968	ug/l	100
14) Allyl chloride	2.678	41	735481	154.247	ug/l	99
15) Acrylonitrile	3.087	53	991254	772.742	ug/l	100
16) Acetone	2.392	43	784600	684.039	ug/l	99
17) Carbon Disulfide	2.532	76	1212975	146.420	ug/l	100
18) Methyl Acetate	2.715	43	476497	160.309	ug/l	99
19) Methyl tert-butyl Ether	3.130	73	1317168	157.713	ug/l	100
20) Methylene Chloride	2.806	84	447216	147.242	ug/l	98
21) trans-1,2-Dichloroethene	3.105	96	434634	149.166	ug/l	98
22) Diisopropyl ether	3.776	45	1429793	151.699	ug/l	99
23) Vinyl Acetate	3.733	43	6020474	779.316	ug/l	100
24) 1,1-Dichloroethane	3.623	63	809793	152.005	ug/l	99
25) 2-Butanone	4.568	43	1122803	747.433	ug/l	98
26) 2,2-Dichloropropane	4.495	77	627662	156.100	ug/l	100
27) cis-1,2-Dichloroethene	4.501	96	509580	150.154	ug/l	99
28) Bromochloromethane	4.916	49	343257	154.839	ug/l	100
29) Tetrahydrofuran	5.019	42	717541	739.017	ug/l	97
30) Chloroform	5.105	83	812939	149.521	ug/l	99
31) Cyclohexane	5.483	56	727704	148.180	ug/l	98
32) 1,1,1-Trichloroethane	5.397	97	723635	154.630	ug/l	99
36) 1,1-Dichloropropene	5.702	75	570157	147.104	ug/l	99
37) Ethyl Acetate	4.727	43	593362	147.465	ug/l	97
38) Carbon Tetrachloride	5.690	117	628733	148.444	ug/l	98
39) Methylcyclohexane	7.385	83	729123	150.814	ug/l	97
40) Benzene	6.050	78	1706889	147.130	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081525\
 Data File : VX047353.D
 Acq On : 15 Aug 2025 11:05
 Operator : JC/MD
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC150

Quant Time: Aug 18 02:55:37 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

Manual Integrations
 APPROVED

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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.940	41	262323	154.600	ug/l	98
42) 1,2-Dichloroethane	6.098	62	599255	145.829	ug/l	100
43) Isopropyl Acetate	6.348	43	910348	157.486	ug/l	100
44) Trichloroethene	7.129	130	443361	149.252	ug/l	98
45) 1,2-Dichloropropane	7.434	63	433512	149.161	ug/l	99
46) Dibromomethane	7.586	93	312886	148.288	ug/l	99
47) Bromodichloromethane	7.824	83	650767	148.773	ug/l	99
48) Methyl methacrylate	7.696	41	473316	157.749	ug/l	99
49) 1,4-Dioxane	7.677	88	88481	3105.263	ug/l	97
51) 4-Methyl-2-Pentanone	8.580	43	2521407	757.992	ug/l	100
52) Toluene	8.720	92	1052008	146.750	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	624499	163.583	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	682860	158.029	ug/l	100
55) 1,1,2-Trichloroethane	9.153	97	394302	144.868	ug/l	97
56) Ethyl methacrylate	9.116	69	646154	161.020	ug/l	99
57) 1,3-Dichloropropane	9.311	76	672087	144.911	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	1468000	748.853	ug/l	99
59) 2-Hexanone	9.433	43	1737616	755.168	ug/l	100
60) Dibromochloromethane	9.525	129	476650	147.358	ug/l	99
61) 1,2-Dibromoethane	9.610	107	410057	146.099	ug/l	99
64) Tetrachloroethene	9.275	164	356989	149.518	ug/l	99
65) Chlorobenzene	10.079	112	1163848	148.370	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	405123	152.780	ug/l	100
67) Ethyl Benzene	10.195	91	2036272	150.823	ug/l	99
68) m/p-Xylenes	10.299	106	1502542	298.466	ug/l	99
69) o-Xylene	10.640	106	725154	149.683	ug/l	100
70) Styrene	10.653	104	1253652	153.150	ug/l	99
71) Bromoform	10.799	173	309626	155.427	ug/l #	99
73) Isopropylbenzene	10.963	105	1883521	156.417	ug/l	99
74) N-amyl acetate	10.842	43	790124	172.791	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	531651	150.375	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	425332m	150.704	ug/l	
77) Bromobenzene	11.195	156	451000	153.378	ug/l	99
78) n-propylbenzene	11.305	91	2235938	155.473	ug/l	99
79) 2-Chlorotoluene	11.366	91	1306418	150.272	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	1536791	155.110	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	113338	154.967	ug/l	97
82) 4-Chlorotoluene	11.451	91	1541070	150.376	ug/l	100
83) tert-Butylbenzene	11.713	119	1542621	156.062	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	1535261	154.952	ug/l	99
85) sec-Butylbenzene	11.890	105	1912224	156.078	ug/l	100
86) p-Isopropyltoluene	12.006	119	1601345	154.459	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	841394	149.783	ug/l	100
88) 1,4-Dichlorobenzene	12.036	146	837395	144.939	ug/l	100
89) n-Butylbenzene	12.329	91	1489473	154.462	ug/l	100
90) Hexachloroethane	12.536	117	303295	166.757	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	798192	149.701	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.939	75	115101	168.342	ug/l	97
93) 1,2,4-Trichlorobenzene	13.585	180	555658	155.453	ug/l	100
94) Hexachlorobutadiene	13.725	225	176870	139.013	ug/l	98
95) Naphthalene	13.774	128	1715681	167.959	ug/l	99
96) 1,2,3-Trichlorobenzene	13.957	180	535287	158.872	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081525\
Data File : VX047353.D
Acq On : 15 Aug 2025 11:05
Operator : JC/MD
Sample : VSTDICC150
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

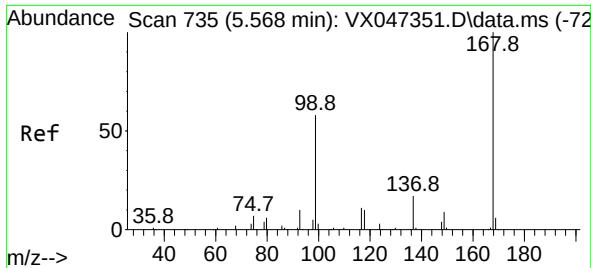
Manual Integrations
APPROVED

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

Quant Time: Aug 18 02:55:37 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

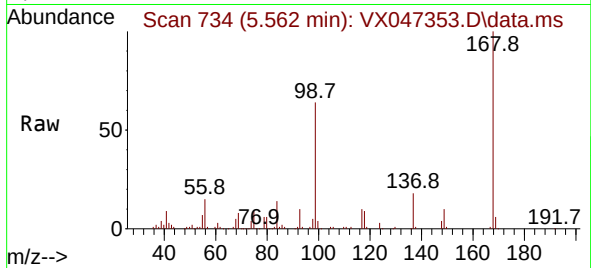
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX047353.D
Acq: 15 Aug 2025 11:05

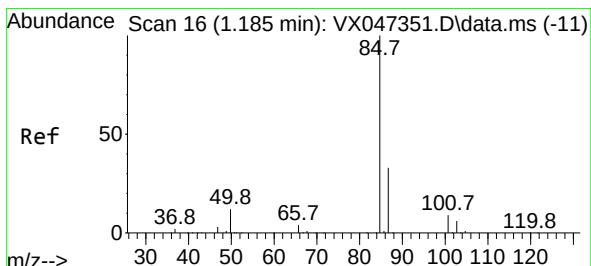
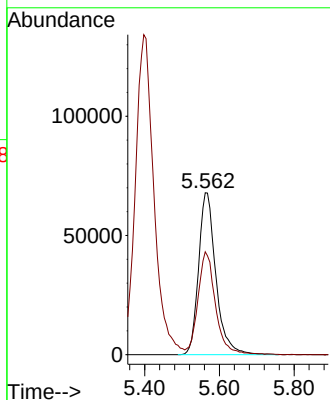
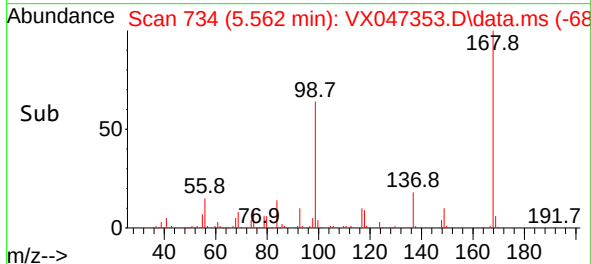
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion:168 Resp: 218039
Ion Ratio Lower Upper
168 100
99 63.3 47.9 71.9

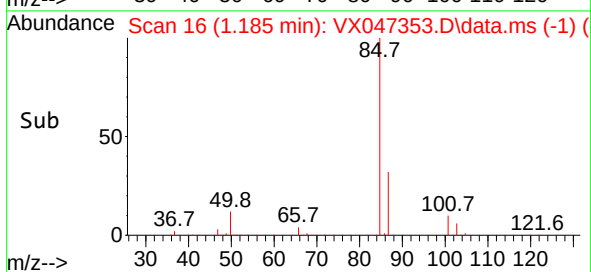
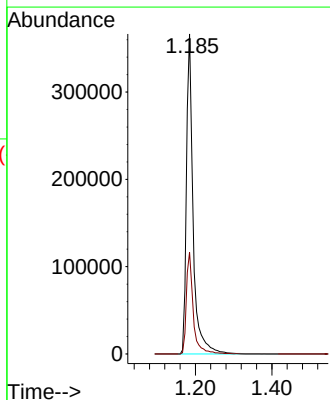
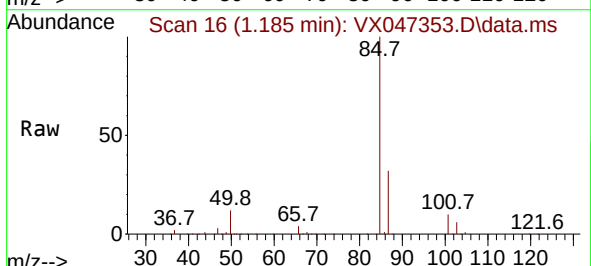
Manual Integrations
APPROVED

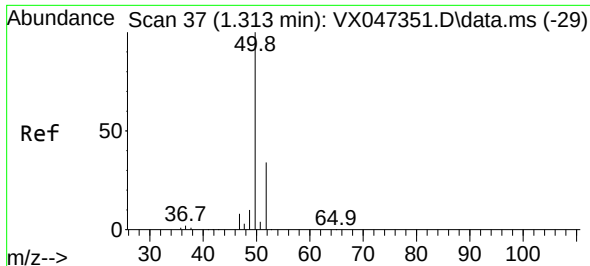
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025



#2
Dichlorodifluoromethane
Concen: 160.118 ug/l
RT: 1.185 min Scan# 16
Delta R.T. 0.000 min
Lab File: VX047353.D
Acq: 15 Aug 2025 11:05

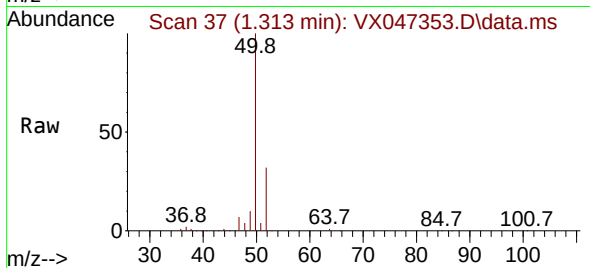
Tgt Ion: 85 Resp: 445045
Ion Ratio Lower Upper
85 100
87 31.8 16.4 49.1





#3
Chloromethane
Concen: 155.385 ug/l
RT: 1.313 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX047353.D
Acq: 15 Aug 2025 11:05

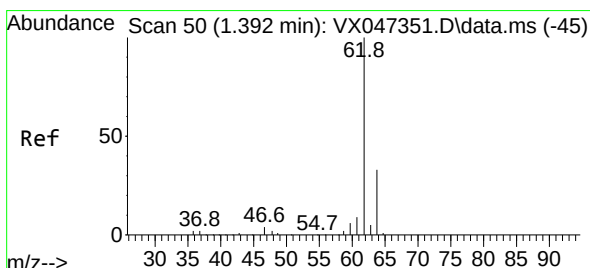
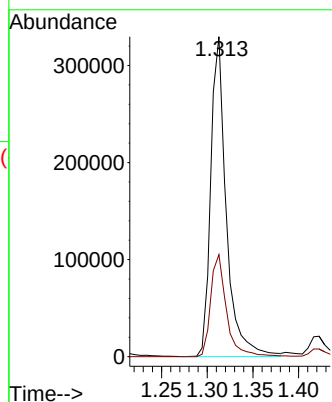
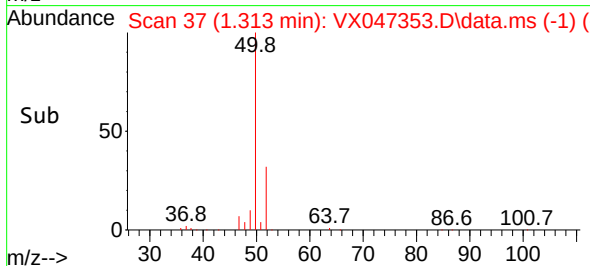
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



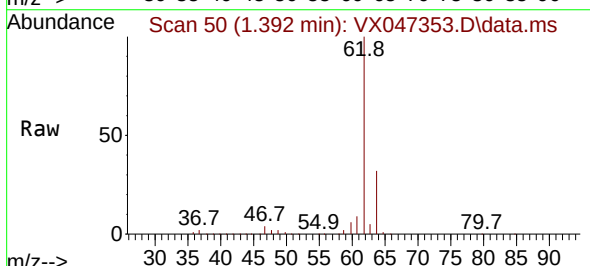
Tgt Ion: 50 Resp: 388520
Ion Ratio Lower Upper
50 100
52 31.9 27.0 40.4

Manual Integrations
APPROVED

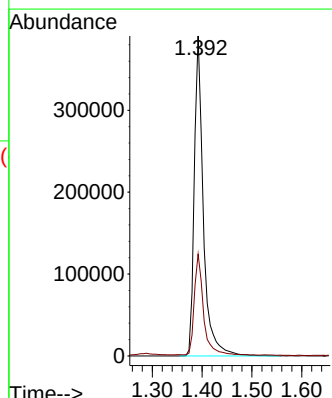
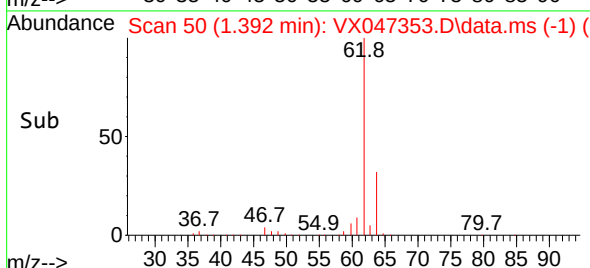
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025

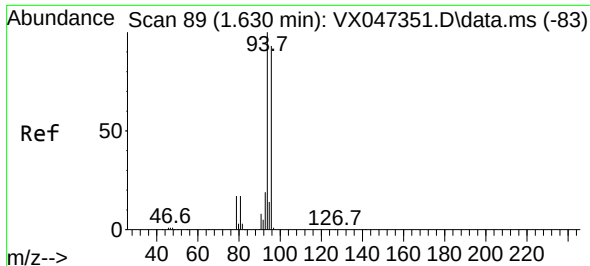


#4
Vinyl Chloride
Concen: 157.702 ug/l
RT: 1.392 min Scan# 50
Delta R.T. 0.000 min
Lab File: VX047353.D
Acq: 15 Aug 2025 11:05



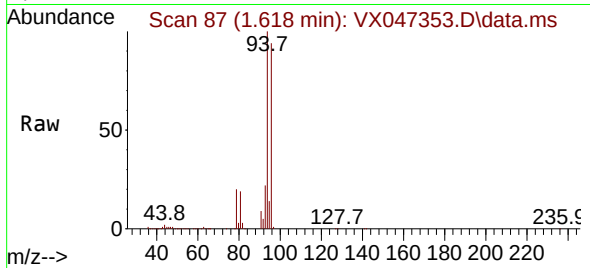
Tgt Ion: 62 Resp: 494933
Ion Ratio Lower Upper
62 100
64 31.6 26.5 39.7





#5
Bromomethane
Concen: 134.788 ug/l
RT: 1.618 min Scan# 81
Delta R.T. -0.012 min
Lab File: VX047353.D
Acq: 15 Aug 2025 11:05

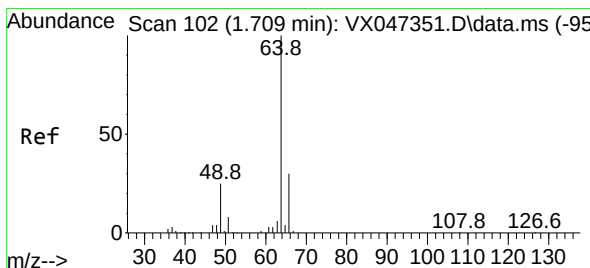
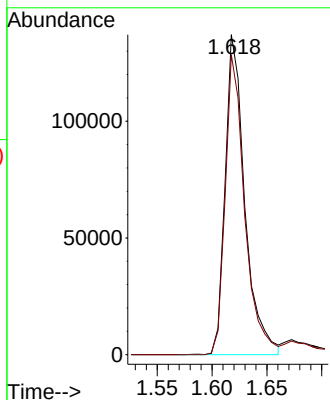
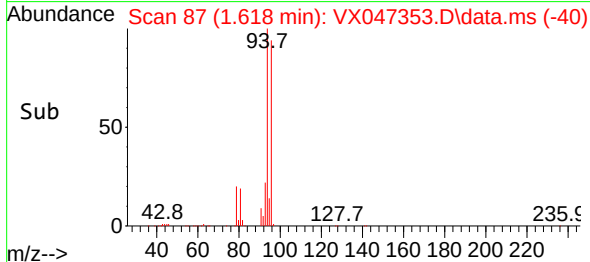
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



Tgt Ion: 94 Resp: 170864
Ion Ratio Lower Upper
94 100
96 93.7 74.7 112.1

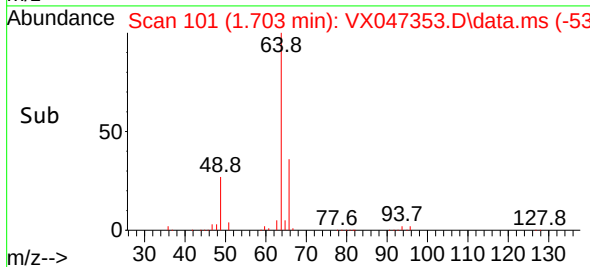
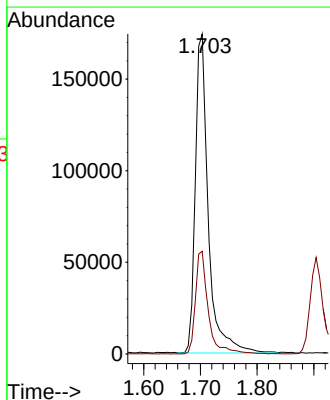
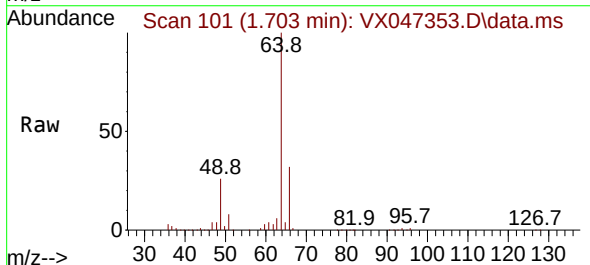
Manual Integrations
APPROVED

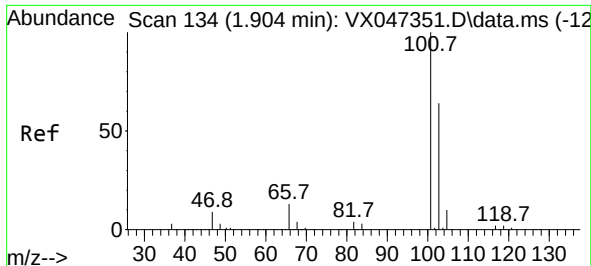
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025



#6
Chloroethane
Concen: 143.758 ug/l
RT: 1.703 min Scan# 101
Delta R.T. -0.006 min
Lab File: VX047353.D
Acq: 15 Aug 2025 11:05

Tgt Ion: 64 Resp: 276042
Ion Ratio Lower Upper
64 100
66 32.2 24.4 36.6





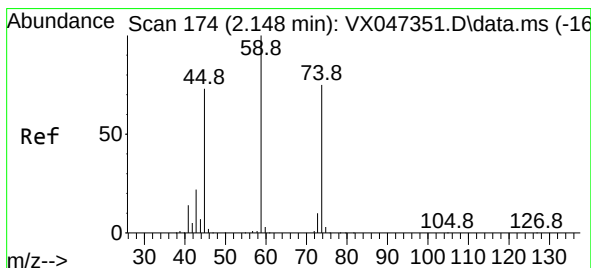
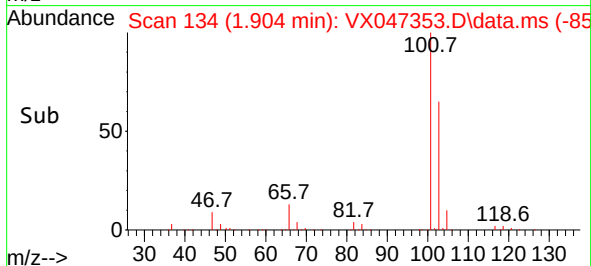
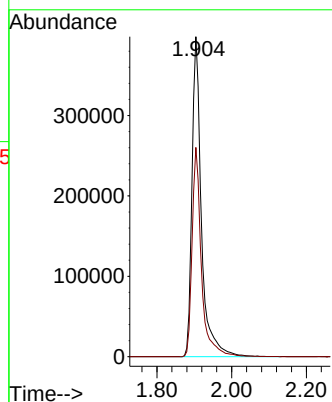
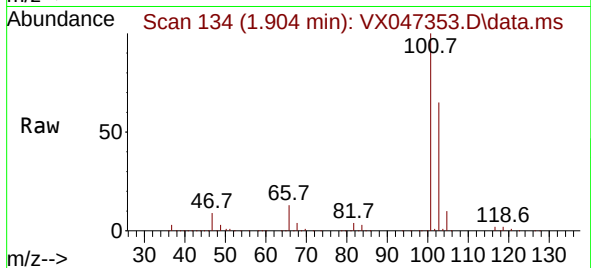
#7
Trichlorofluoromethane
Concen: 150.647 ug/l
RT: 1.904 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX047353.D
Acq: 15 Aug 2025 11:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion:101 Resp: 69933
Ion Ratio Lower Upper
101 100
103 65.4 50.9 76.3

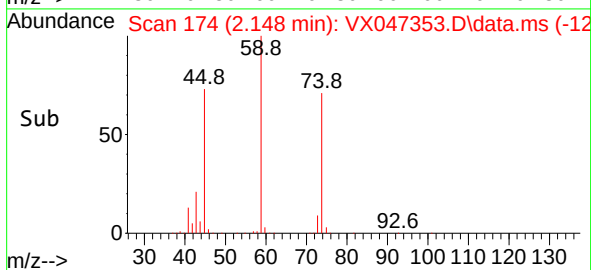
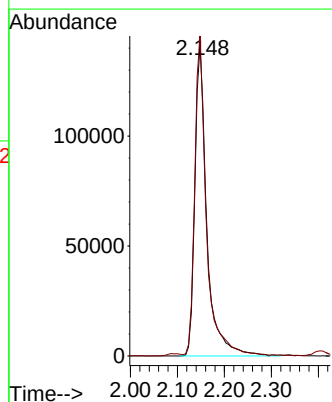
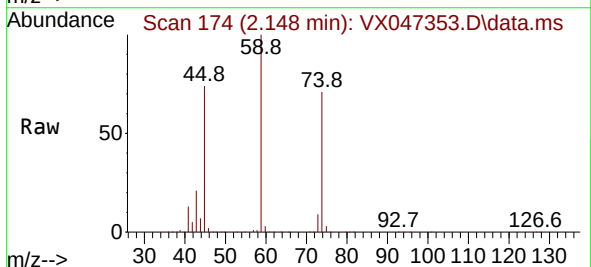
Manual Integrations
APPROVED

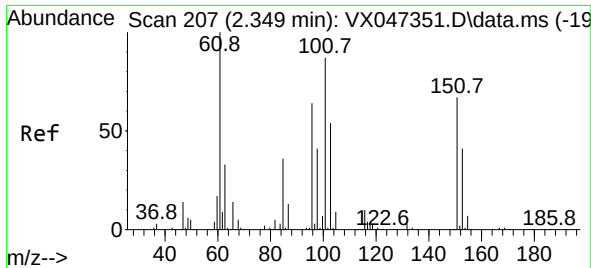
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025



#8
Diethyl Ether
Concen: 154.158 ug/l
RT: 2.148 min Scan# 174
Delta R.T. 0.000 min
Lab File: VX047353.D
Acq: 15 Aug 2025 11:05

Tgt Ion: 74 Resp: 251983
Ion Ratio Lower Upper
74 100
45 101.1 51.3 154.0





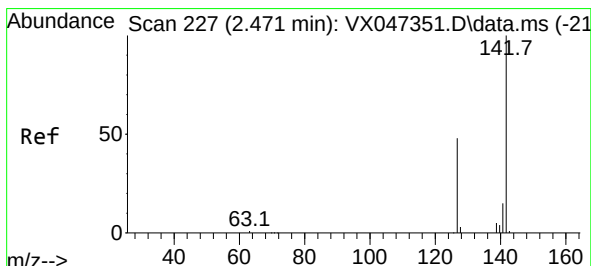
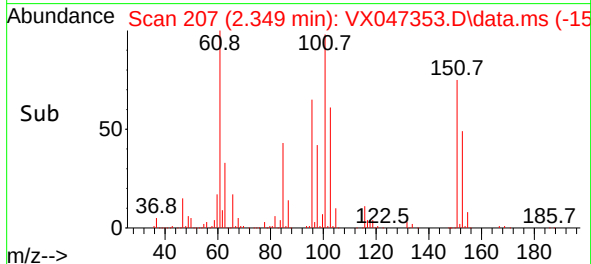
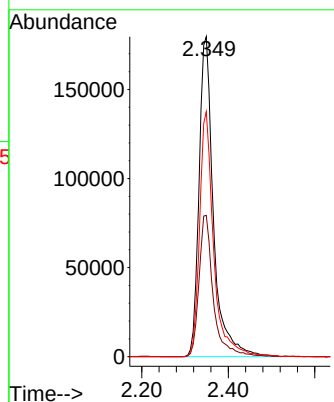
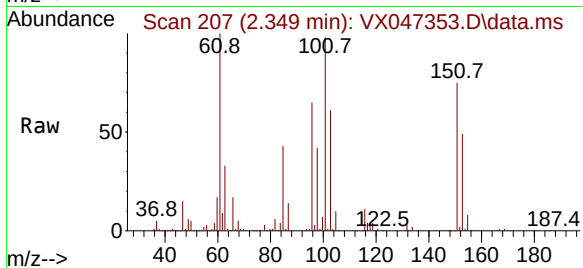
#9
1,1,2-Trichlorotrifluoroethane
Concen: 154.664 ug/l
RT: 2.349 min Scan# 207
Delta R.T. 0.000 min
Lab File: VX047353.D
Acq: 15 Aug 2025 11:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion:101 Resp: 41648
Ion Ratio Lower Upper
101 100
85 43.8 34.3 51.5
151 74.9 59.2 88.8

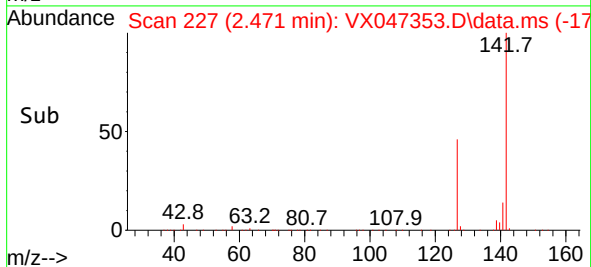
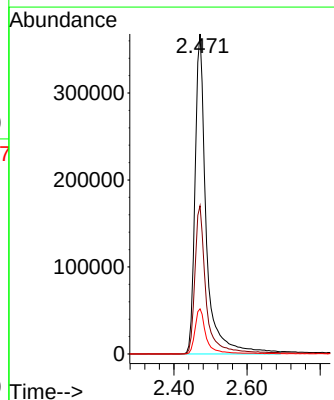
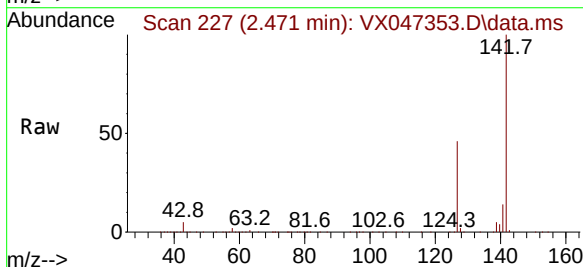
Manual Integrations
APPROVED

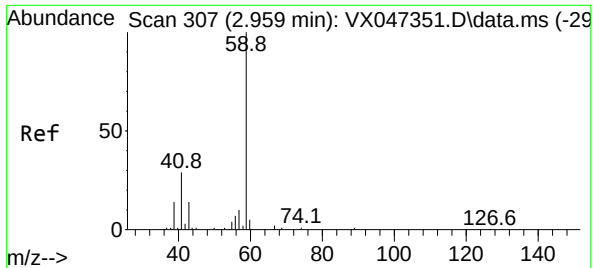
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025



#10
Methyl Iodide
Concen: 172.239 ug/l
RT: 2.471 min Scan# 227
Delta R.T. 0.000 min
Lab File: VX047353.D
Acq: 15 Aug 2025 11:05

Tgt Ion:142 Resp: 794834
Ion Ratio Lower Upper
142 100
127 47.1 36.1 54.1
141 14.0 11.1 16.7





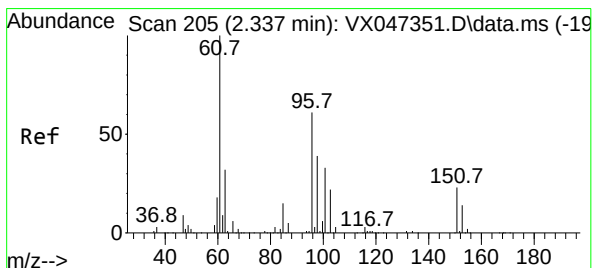
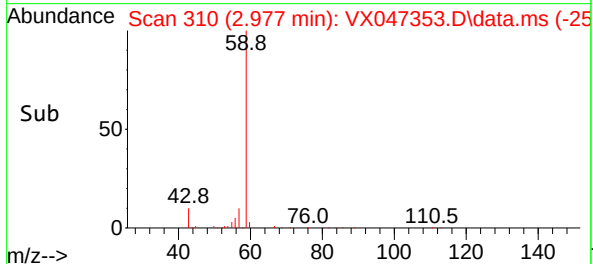
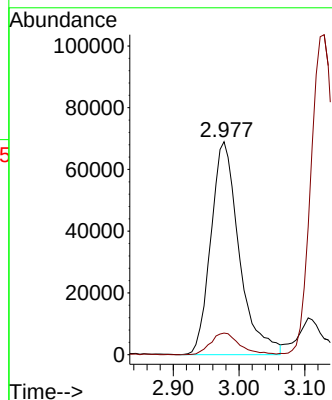
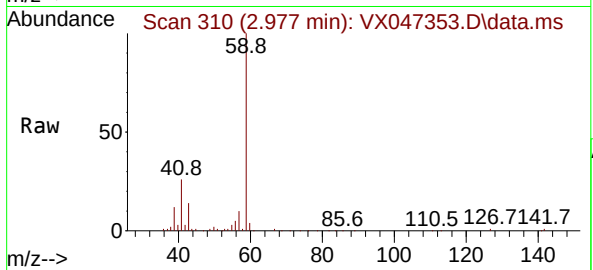
#11
Tert butyl alcohol
Concen: 778.553 ug/l
RT: 2.977 min Scan# 310
Delta R.T. 0.018 min
Lab File: VX047353.D
Acq: 15 Aug 2025 11:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 59 Resp: 206679
Ion Ratio Lower Upper
59 100
57 10.4 8.3 12.5

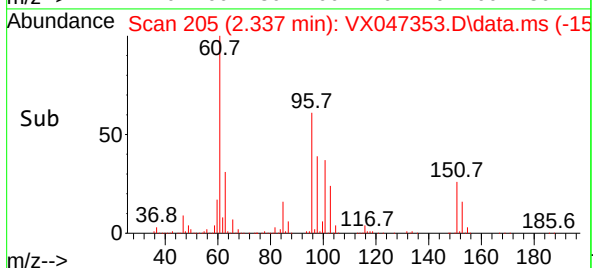
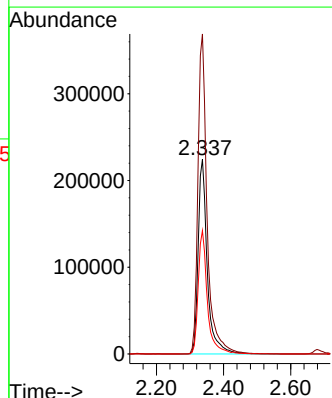
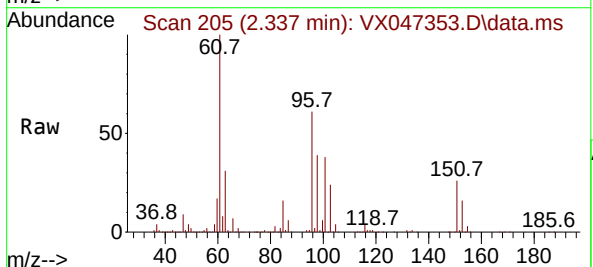
Manual Integrations
APPROVED

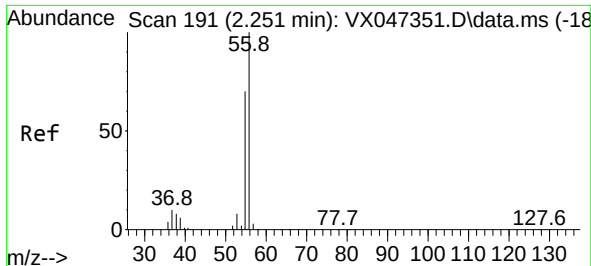
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025



#12
1,1-Dichloroethene
Concen: 155.037 ug/l
RT: 2.337 min Scan# 205
Delta R.T. 0.000 min
Lab File: VX047353.D
Acq: 15 Aug 2025 11:05

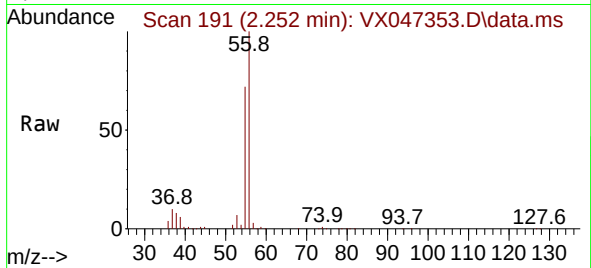
Tgt Ion: 96 Resp: 425622
Ion Ratio Lower Upper
96 100
61 164.5 132.2 198.2
98 63.5 51.2 76.8





#13
Acrolein
Concen: 766.968 ug/l
RT: 2.252 min Scan# 191
Delta R.T. 0.000 min
Lab File: VX047353.D
Acq: 15 Aug 2025 11:05

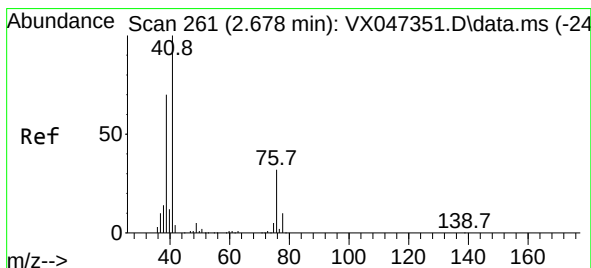
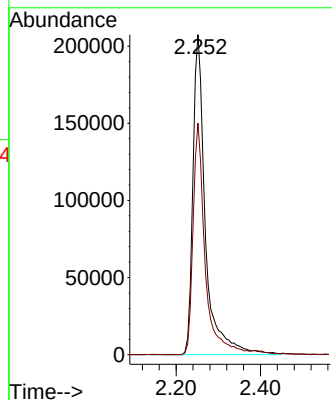
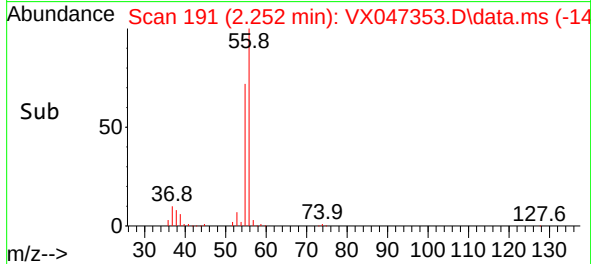
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion: 56 Resp: 429798
Ion Ratio Lower Upper
56 100
55 69.4 55.5 83.3

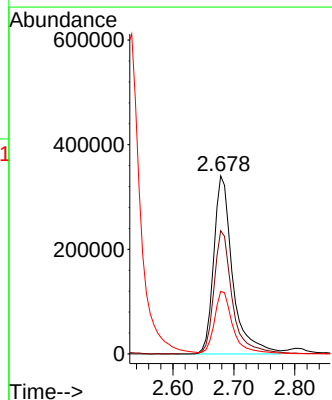
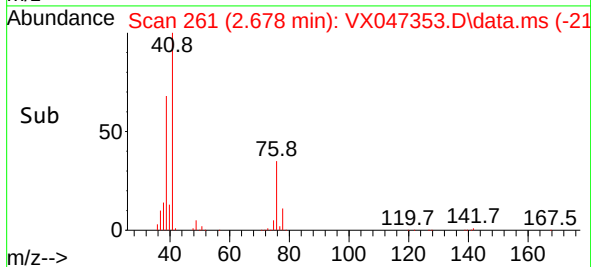
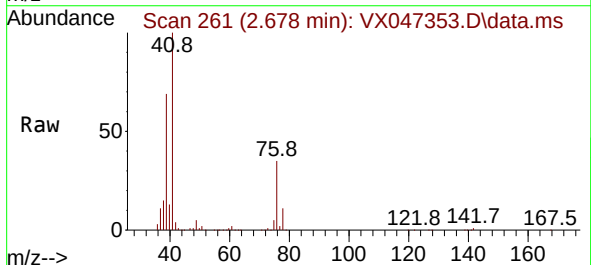
Manual Integrations
APPROVED

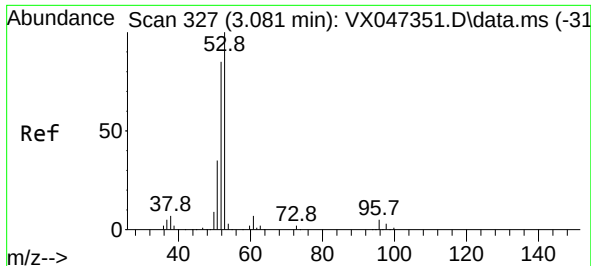
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025



#14
Allyl chloride
Concen: 154.247 ug/l
RT: 2.678 min Scan# 261
Delta R.T. 0.000 min
Lab File: VX047353.D
Acq: 15 Aug 2025 11:05

Tgt Ion: 41 Resp: 735481
Ion Ratio Lower Upper
41 100
39 67.1 54.6 81.8
76 34.3 27.6 41.4





#15

Acrylonitrile

Concen: 772.742 ug/l

RT: 3.087 min Scan# 31

Delta R.T. 0.006 min

Lab File: VX047353.D

Acq: 15 Aug 2025 11:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

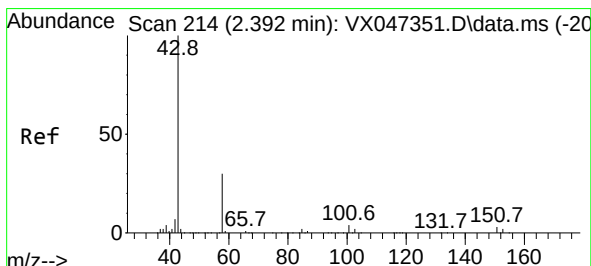
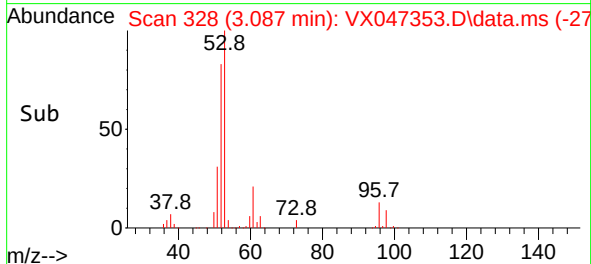
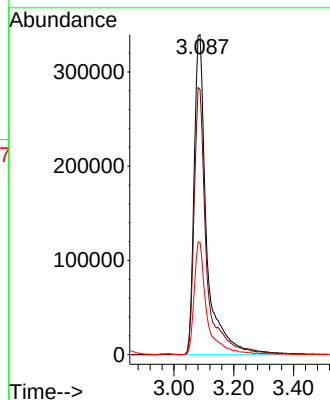
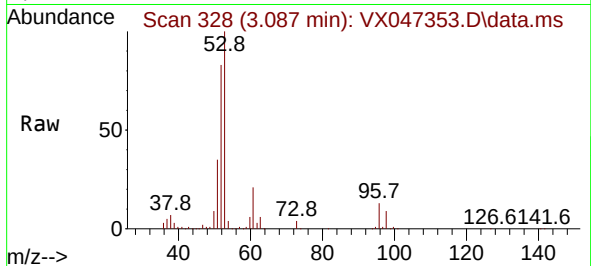
Tgt Ion: 53	Resp: 991254
Ion Ratio	Lower Upper
53	100
52	82.3 65.8 98.6
51	35.4 28.2 42.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/18/2025

Supervised By :Mahesh Dadoda 08/19/2025



#16

Acetone

Concen: 684.039 ug/l

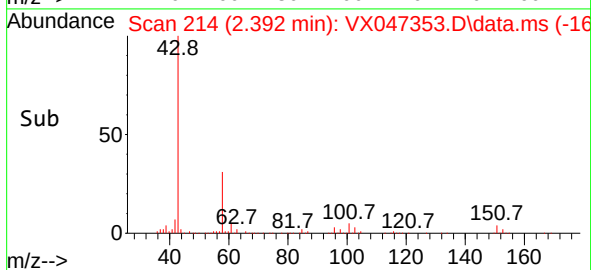
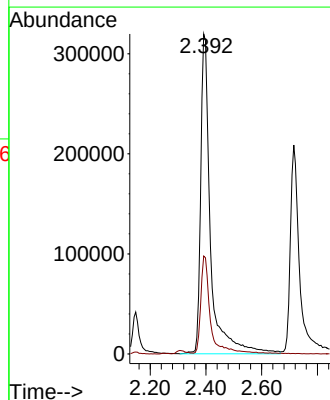
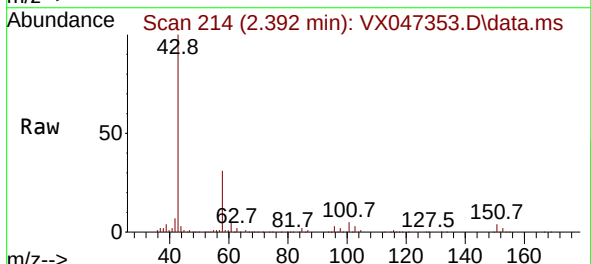
RT: 2.392 min Scan# 214

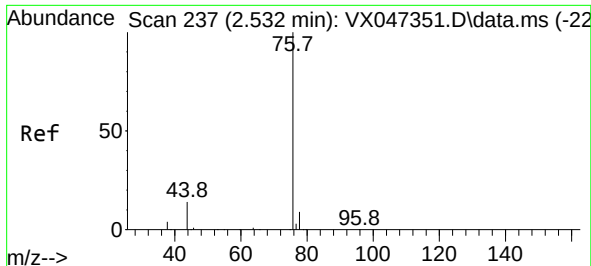
Delta R.T. 0.000 min

Lab File: VX047353.D

Acq: 15 Aug 2025 11:05

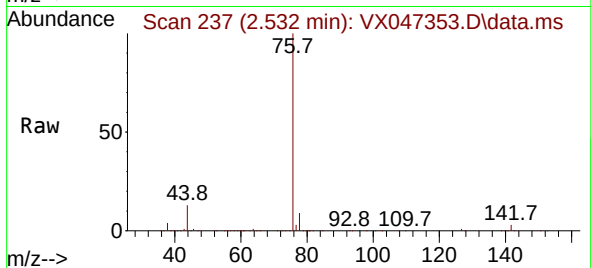
Tgt Ion: 43	Resp: 784600
Ion Ratio	Lower Upper
43	100
58	30.4 24.8 37.2





#17
Carbon Disulfide
Concen: 146.420 ug/l
RT: 2.532 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX047353.D
Acq: 15 Aug 2025 11:05

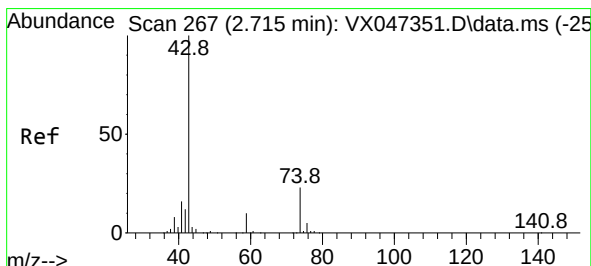
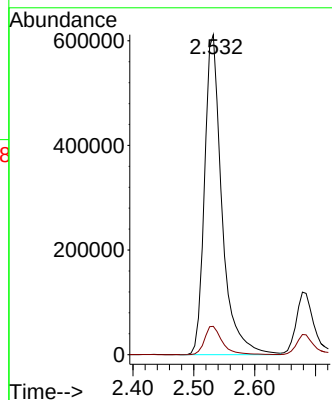
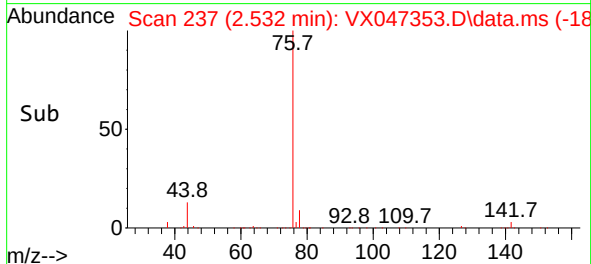
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion: 76 Resp: 121297
Ion Ratio Lower Upper
76 100
78 8.9 7.2 10.8

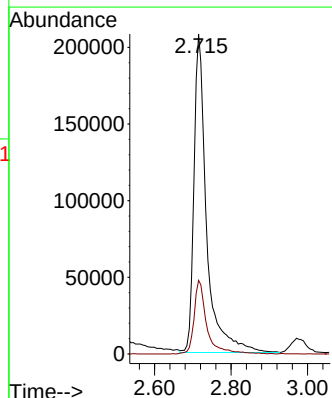
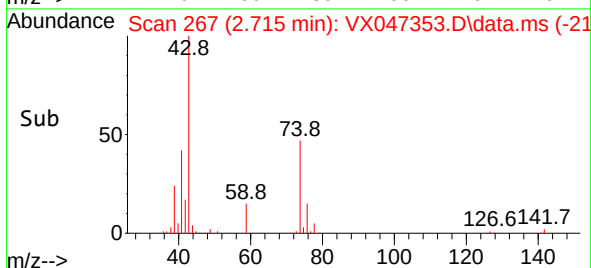
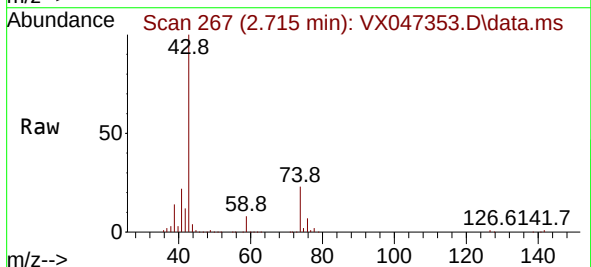
Manual Integrations
APPROVED

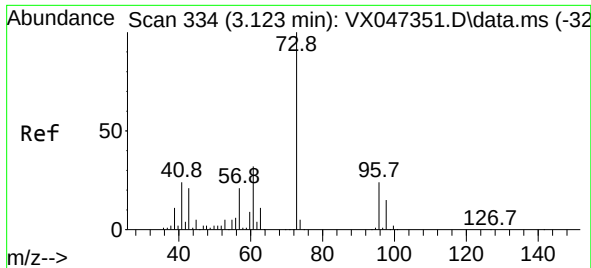
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025



#18
Methyl Acetate
Concen: 160.309 ug/l
RT: 2.715 min Scan# 267
Delta R.T. 0.000 min
Lab File: VX047353.D
Acq: 15 Aug 2025 11:05

Tgt Ion: 43 Resp: 476497
Ion Ratio Lower Upper
43 100
74 23.3 18.4 27.6





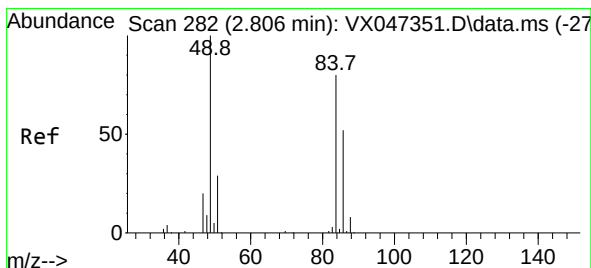
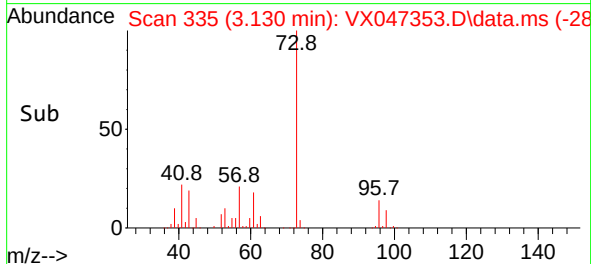
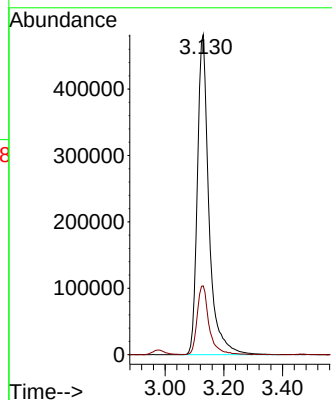
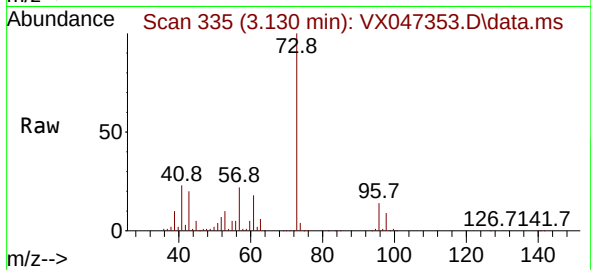
#19
Methyl tert-butyl Ether
Concen: 157.713 ug/l
RT: 3.130 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX047353.D
Acq: 15 Aug 2025 11:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 73 Resp: 131716
Ion Ratio Lower Upper
73 100
57 21.5 17.0 25.6

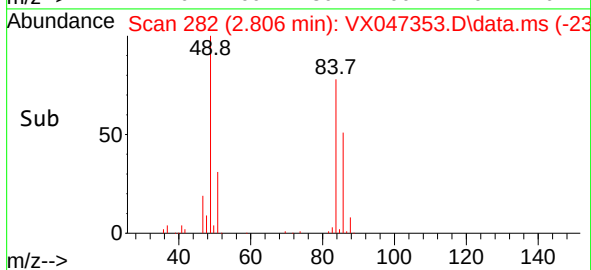
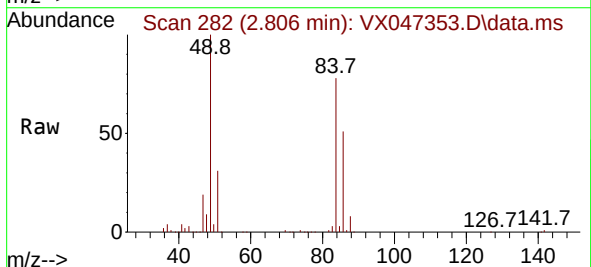
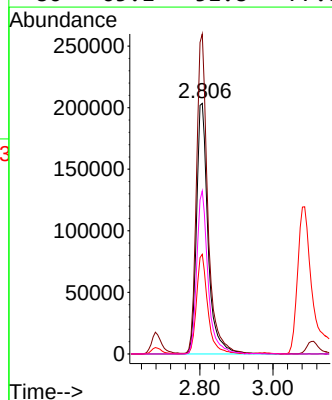
Manual Integrations
APPROVED

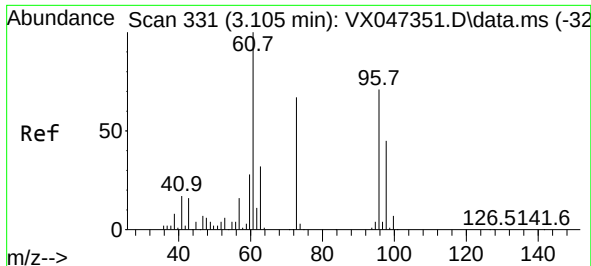
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025



#20
Methylene Chloride
Concen: 147.242 ug/l
RT: 2.806 min Scan# 282
Delta R.T. 0.000 min
Lab File: VX047353.D
Acq: 15 Aug 2025 11:05

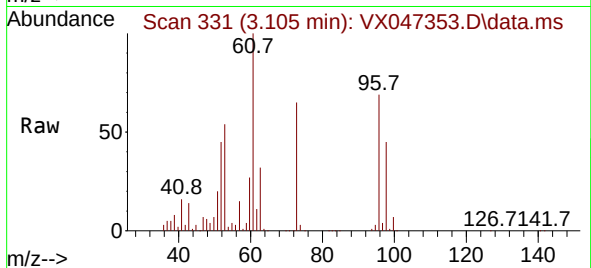
Tgt Ion: 84 Resp: 447216
Ion Ratio Lower Upper
84 100
49 127.5 100.1 150.1
51 39.7 29.5 44.3
86 65.1 51.8 77.8





#21
trans-1,2-Dichloroethene
Concen: 149.166 ug/l
RT: 3.105 min Scan# 331
Delta R.T. 0.000 min
Lab File: VX047353.D
Acq: 15 Aug 2025 11:05

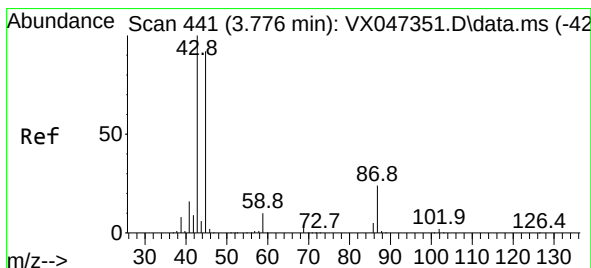
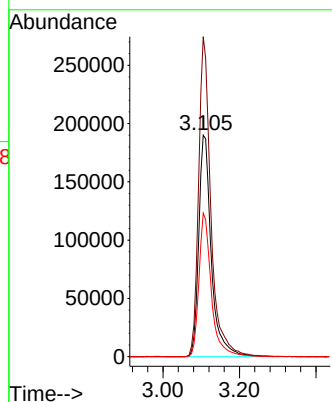
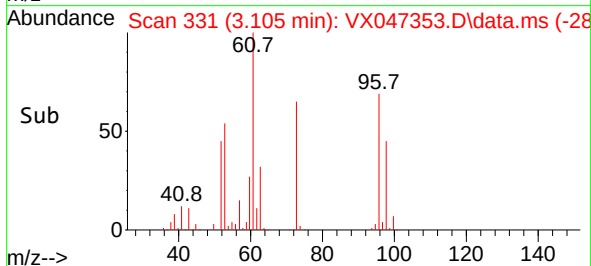
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion: 96 Resp: 434634
Ion Ratio Lower Upper
96 100
61 144.3 112.6 169.0
98 64.8 50.9 76.3

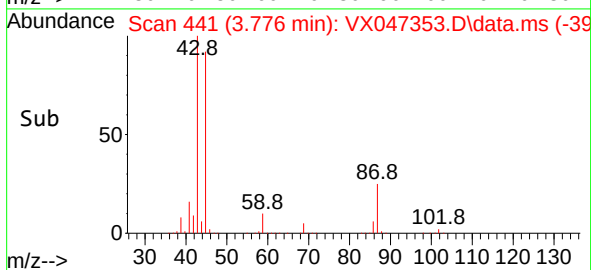
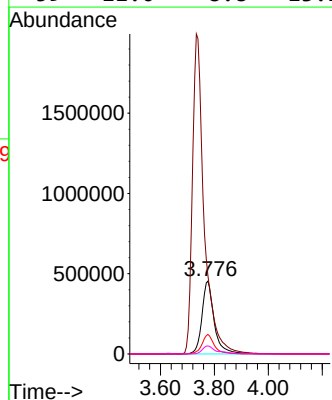
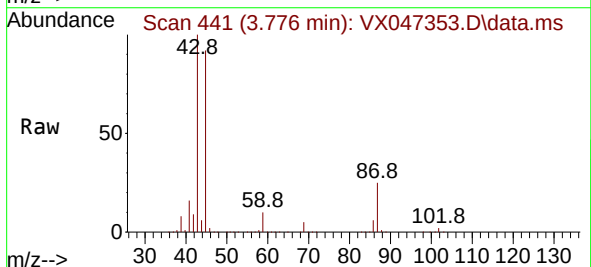
Manual Integrations
APPROVED

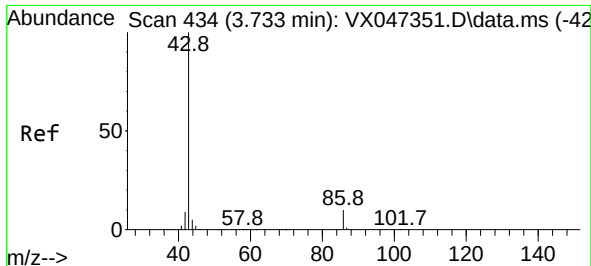
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025



#22
Diisopropyl ether
Concen: 151.699 ug/l
RT: 3.776 min Scan# 441
Delta R.T. 0.000 min
Lab File: VX047353.D
Acq: 15 Aug 2025 11:05

Tgt Ion: 45 Resp: 1429793
Ion Ratio Lower Upper
45 100
43 108.1 86.8 130.2
87 26.8 20.4 30.6
59 11.0 8.8 13.2





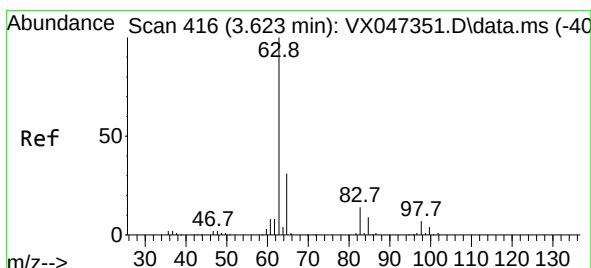
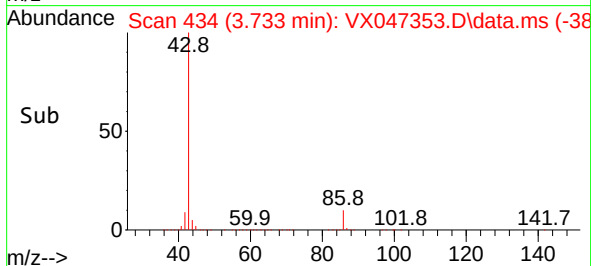
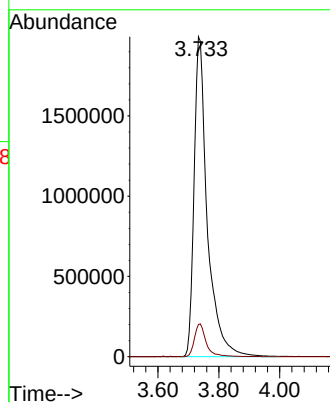
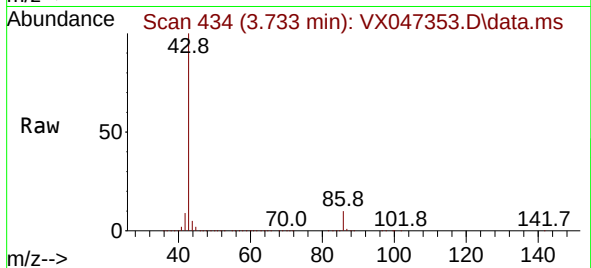
#23
 Vinyl Acetate
 Concen: 779.316 ug/l
 RT: 3.733 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX047353.D
 Acq: 15 Aug 2025 11:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tgt Ion: 43 Resp: 6020474
 Ion Ratio Lower Upper
 43 100
 86 10.0 7.9 11.9

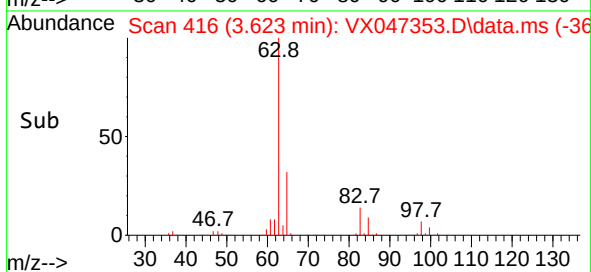
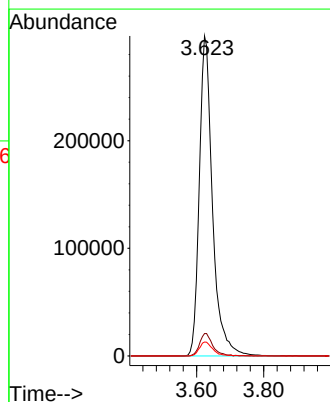
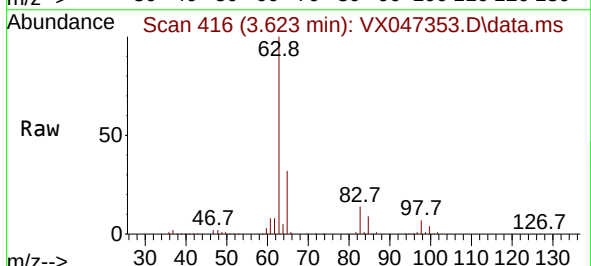
Manual Integrations
 APPROVED

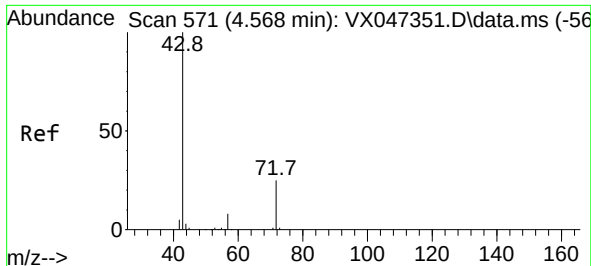
Reviewed By :John Carlone 08/18/2025
 Supervised By :Mahesh Dadoda 08/19/2025



#24
 1,1-Dichloroethane
 Concen: 152.005 ug/l
 RT: 3.623 min Scan# 416
 Delta R.T. 0.000 min
 Lab File: VX047353.D
 Acq: 15 Aug 2025 11:05

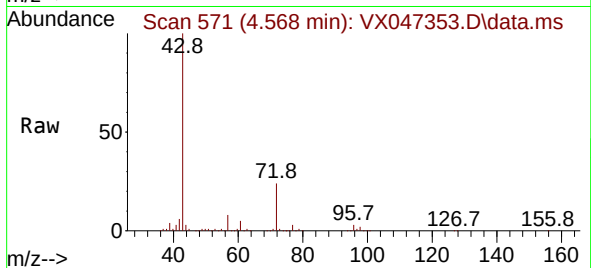
Tgt Ion: 63 Resp: 809793
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.3 9.9
 100 4.3 2.1 6.3





#25
2-Butanone
Concen: 747.433 ug/l
RT: 4.568 min Scan# 571
Delta R.T. 0.000 min
Lab File: VX047353.D
Acq: 15 Aug 2025 11:05

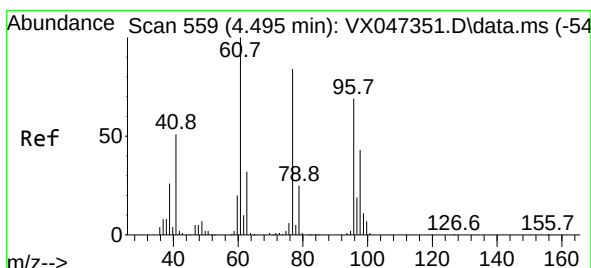
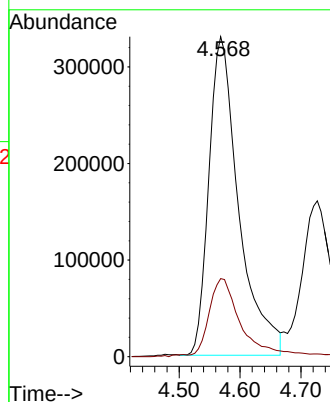
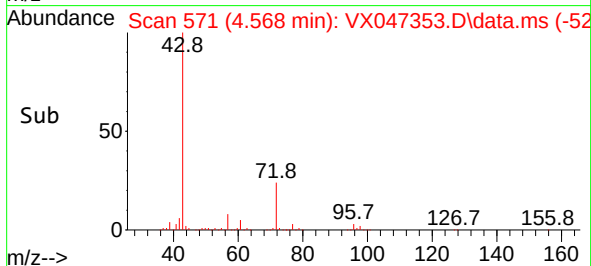
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion: 43 Resp: 112280
Ion Ratio Lower Upper
43 100
72 23.9 19.8 29.8

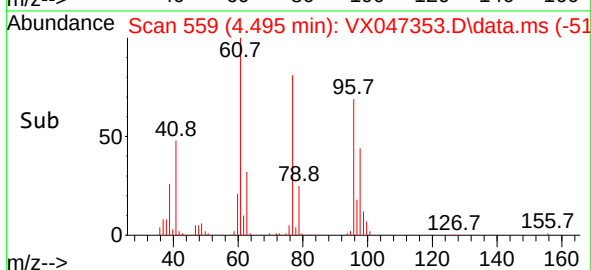
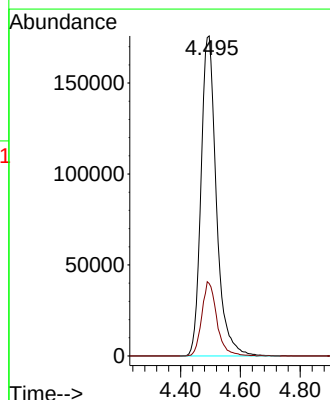
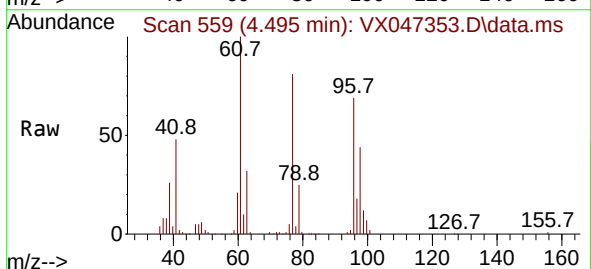
Manual Integrations
APPROVED

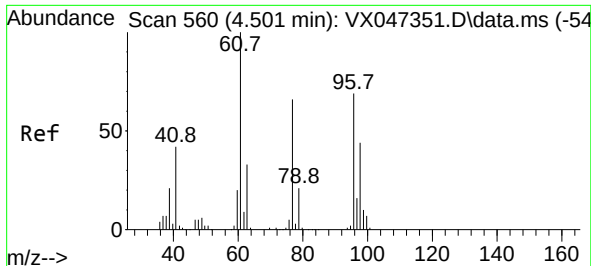
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025



#26
2,2-Dichloropropane
Concen: 156.100 ug/l
RT: 4.495 min Scan# 559
Delta R.T. 0.000 min
Lab File: VX047353.D
Acq: 15 Aug 2025 11:05

Tgt Ion: 77 Resp: 627662
Ion Ratio Lower Upper
77 100
97 22.7 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 150.154 ug/l

RT: 4.501 min Scan# 50

Delta R.T. 0.000 min

Lab File: VX047353.D

Acq: 15 Aug 2025 11:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tgt Ion: 96 Resp: 509580

Ion Ratio Lower Upper

96 100

61 146.3 0.0 296.6

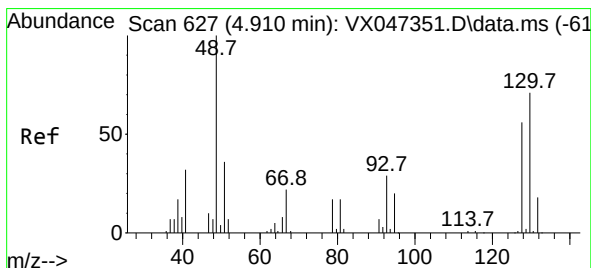
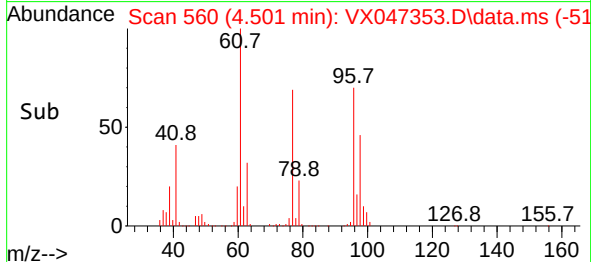
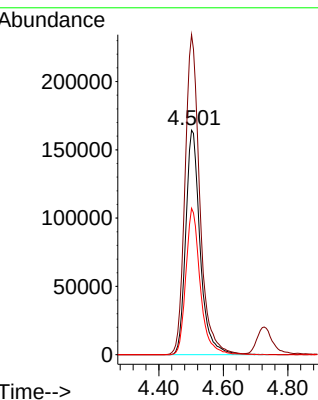
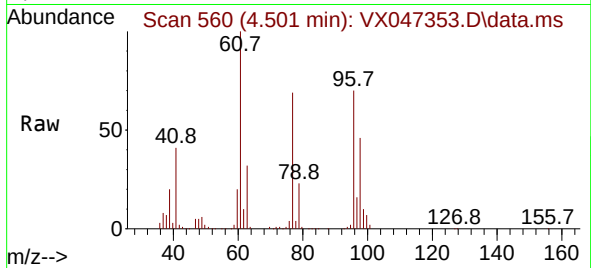
98 64.9 0.0 130.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/18/2025

Supervised By :Mahesh Dadoda 08/19/2025



#28

Bromochloromethane

Concen: 154.839 ug/l

RT: 4.916 min Scan# 628

Delta R.T. 0.006 min

Lab File: VX047353.D

Acq: 15 Aug 2025 11:05

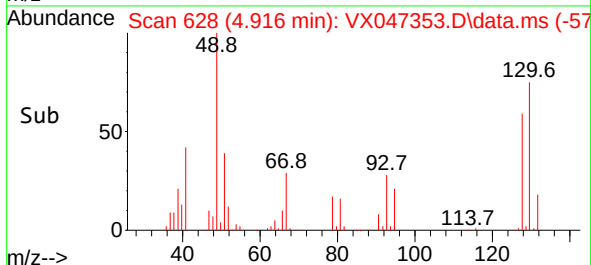
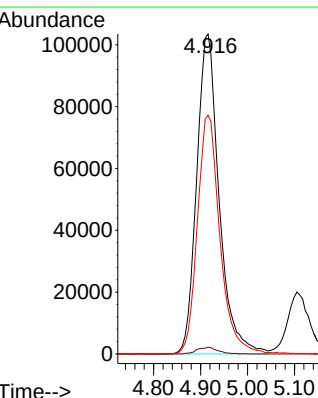
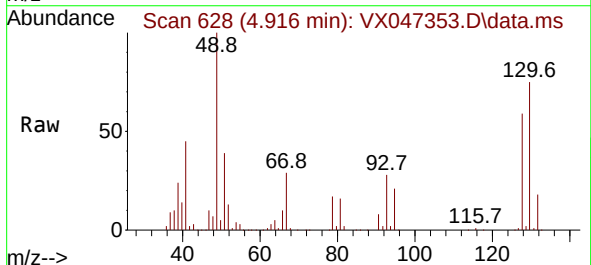
Tgt Ion: 49 Resp: 343257

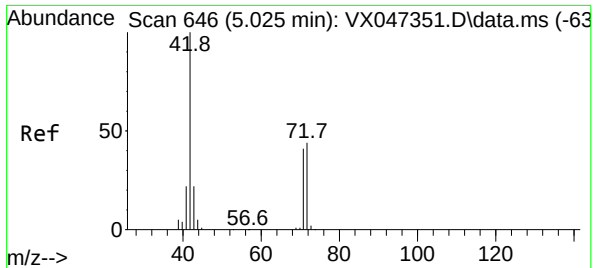
Ion Ratio Lower Upper

49 100

129 2.0 0.0 4.0

130 75.0 59.8 89.6





#29

Tetrahydrofuran

Concen: 739.017 ug/l

RT: 5.019 min Scan# 646

Delta R.T. -0.006 min

Lab File: VX047353.D

Acq: 15 Aug 2025 11:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion: 42 Resp: 71754

Ion Ratio Lower Upper

42 100

72 45.7 34.6 51.8

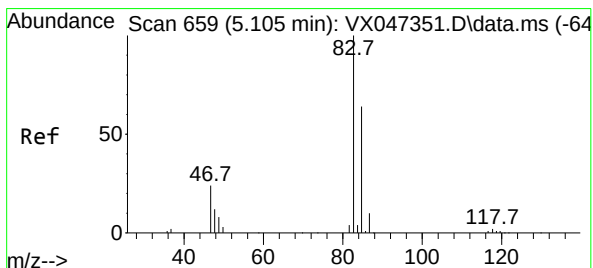
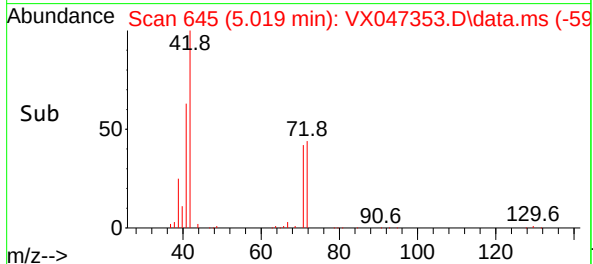
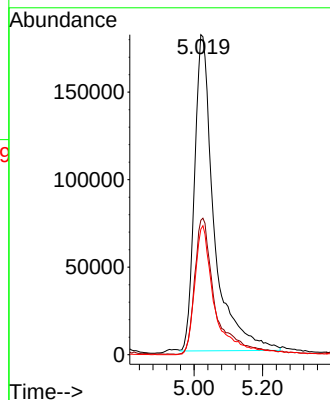
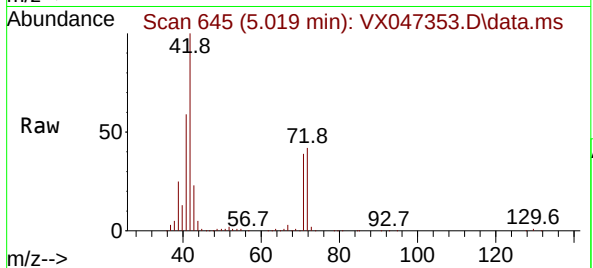
71 42.1 32.6 49.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/18/2025

Supervised By :Mahesh Dadoda 08/19/2025



#30

Chloroform

Concen: 149.521 ug/l

RT: 5.105 min Scan# 659

Delta R.T. 0.000 min

Lab File: VX047353.D

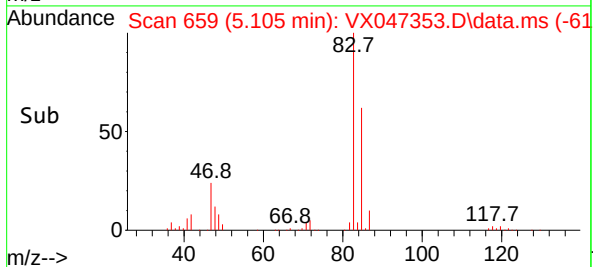
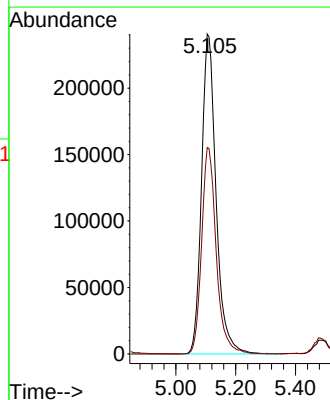
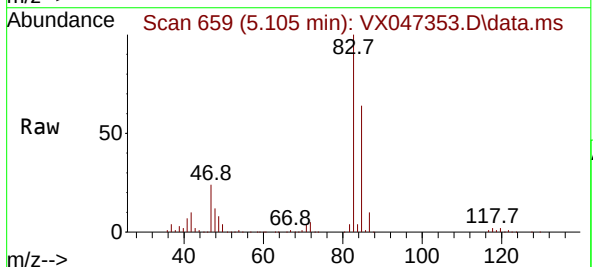
Acq: 15 Aug 2025 11:05

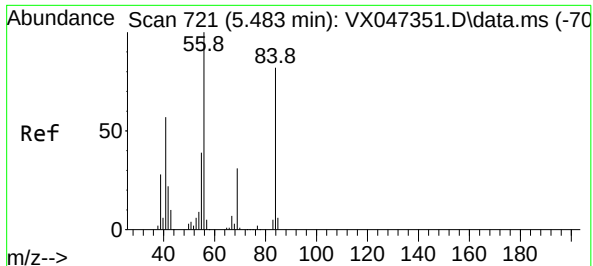
Tgt Ion: 83 Resp: 812939

Ion Ratio Lower Upper

83 100

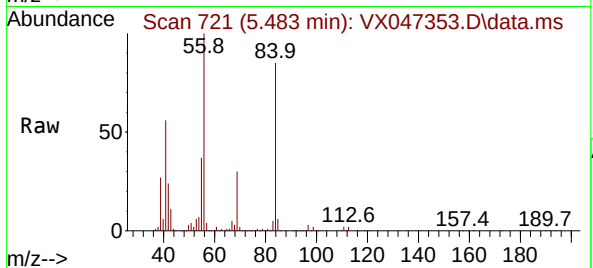
85 64.5 51.2 76.8





#31
Cyclohexane
Concen: 148.180 ug/l
RT: 5.483 min Scan# 721
Delta R.T. 0.000 min
Lab File: VX047353.D
Acq: 15 Aug 2025 11:05

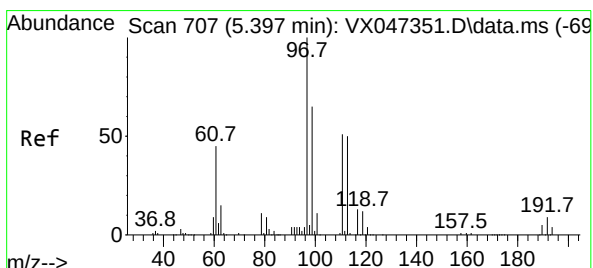
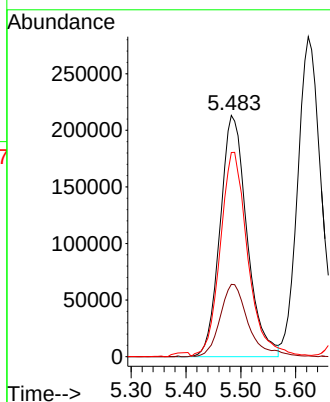
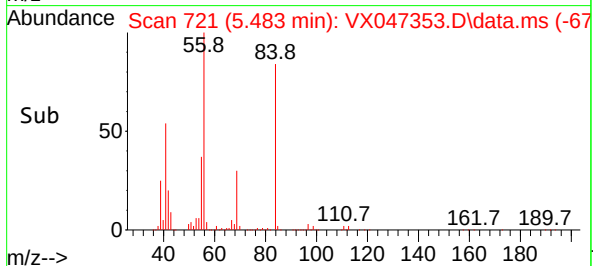
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion: 56 Resp: 727704
Ion Ratio Lower Upper
56 100
69 29.6 24.3 36.5
84 83.0 65.3 97.9

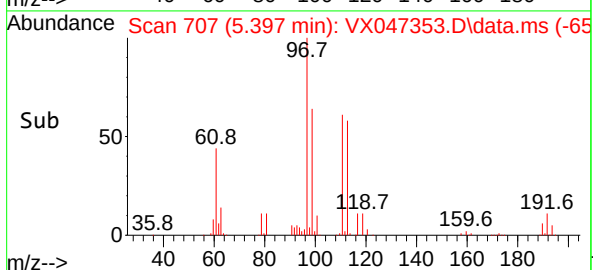
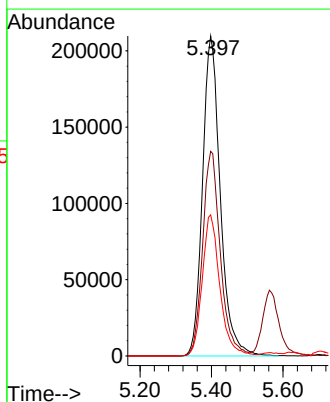
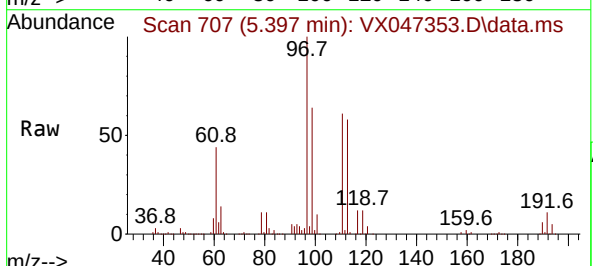
Manual Integrations
APPROVED

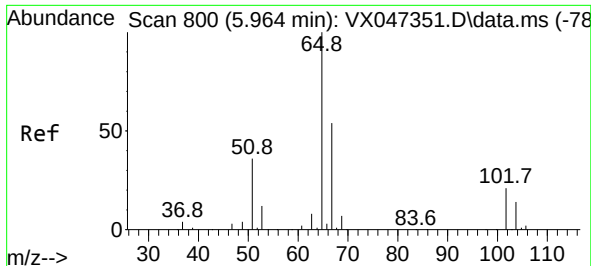
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025



#32
1,1,1-Trichloroethane
Concen: 154.630 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX047353.D
Acq: 15 Aug 2025 11:05

Tgt Ion: 97 Resp: 723635
Ion Ratio Lower Upper
97 100
99 63.8 51.4 77.0
61 43.8 35.7 53.5





#33
1,2-Dichloroethane-d4
Concen: 163.328 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX047353.D
Acq: 15 Aug 2025 11:05

Instrument :

MSVOA_X

ClientSampleId :

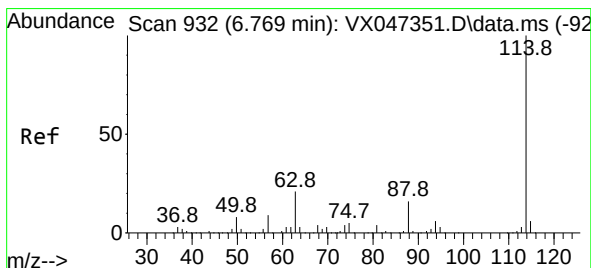
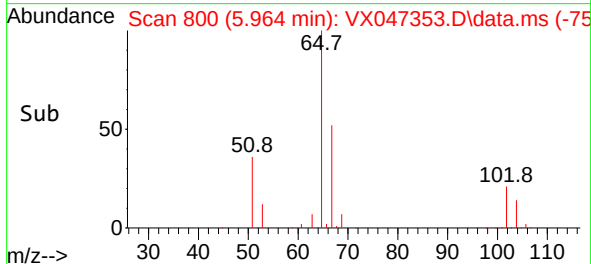
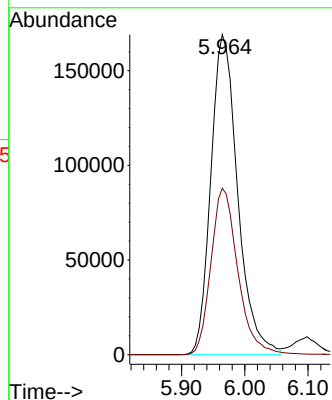
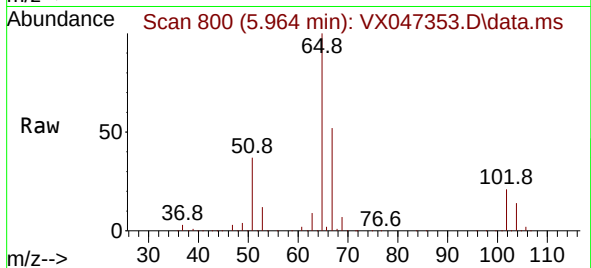
VSTDIC150

Tgt Ion: 65 Resp: 498398
Ion Ratio Lower Upper
65 100
67 52.3 0.0 106.0

Manual Integrations

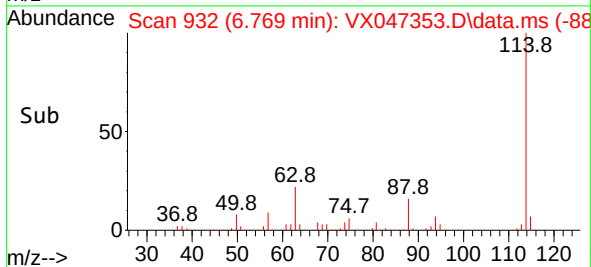
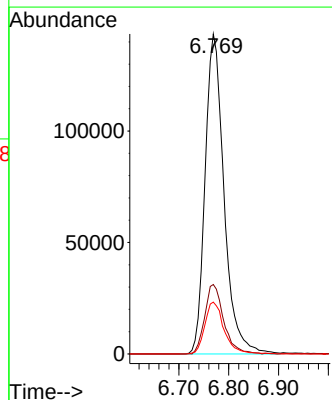
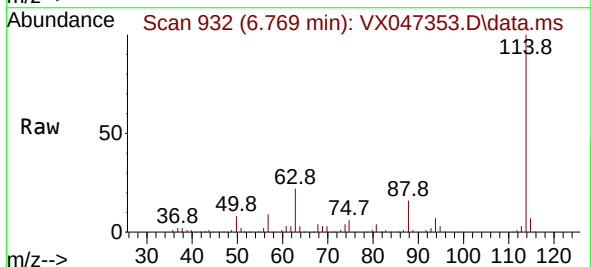
APPROVED

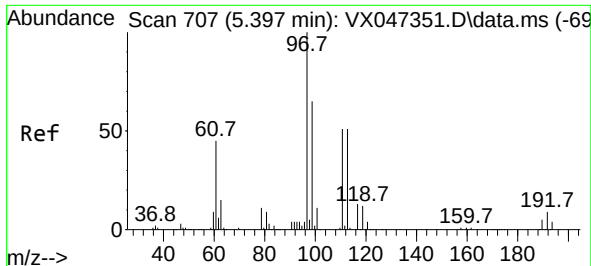
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX047353.D
Acq: 15 Aug 2025 11:05

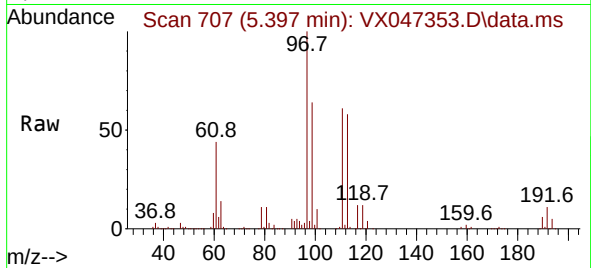
Tgt Ion:114 Resp: 378315
Ion Ratio Lower Upper
114 100
63 21.7 0.0 42.4
88 16.2 0.0 33.0





#35
Dibromofluoromethane
Concen: 161.390 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX047353.D
Acq: 15 Aug 2025 11:05

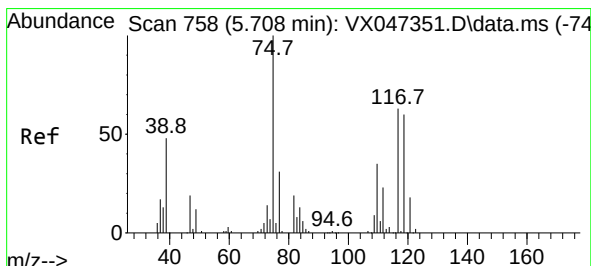
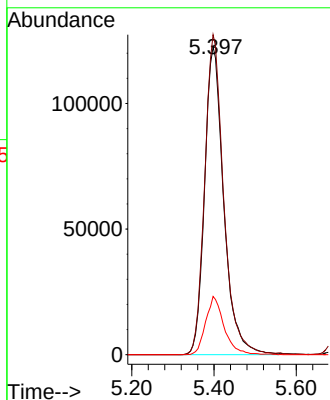
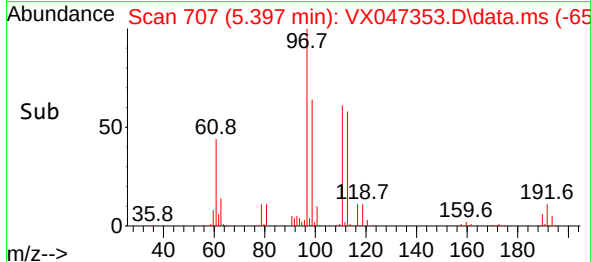
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



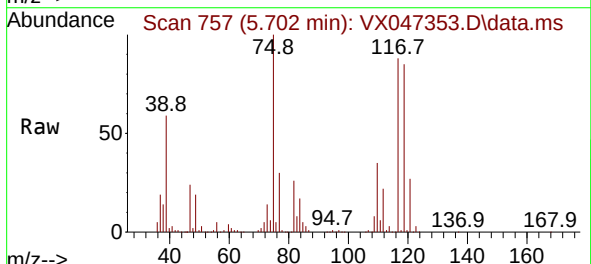
Tgt Ion: 113 Resp: 396260
Ion Ratio Lower Upper
113 100
111 103.1 81.4 122.2
192 18.2 14.1 21.1

Manual Integrations
APPROVED

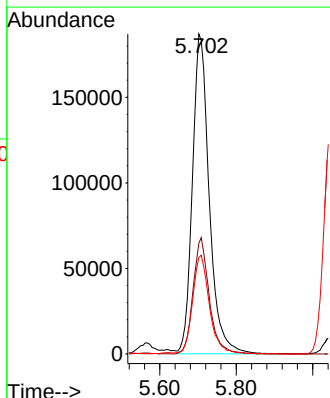
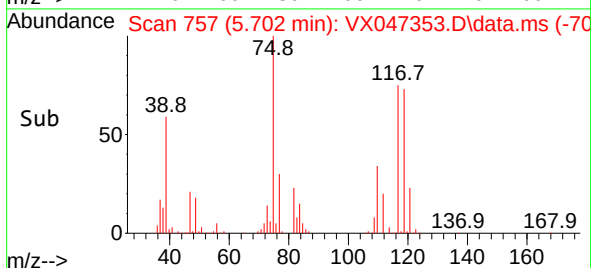
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025

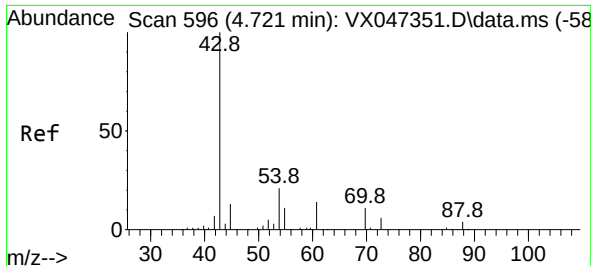


#36
1,1-Dichloropropene
Concen: 147.104 ug/l
RT: 5.702 min Scan# 757
Delta R.T. -0.006 min
Lab File: VX047353.D
Acq: 15 Aug 2025 11:05



Tgt Ion: 75 Resp: 570157
Ion Ratio Lower Upper
75 100
110 35.1 17.4 52.2
77 31.0 24.4 36.6





#37

Ethyl Acetate

Concen: 147.465 ug/l

RT: 4.727 min Scan# 597

Delta R.T. 0.006 min

Lab File: VX047353.D

Acq: 15 Aug 2025 11:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tgt Ion: 43 Resp: 593362

Ion Ratio Lower Upper

43 100

61 10.7 9.4 14.2

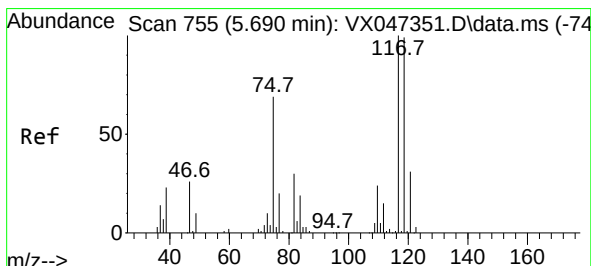
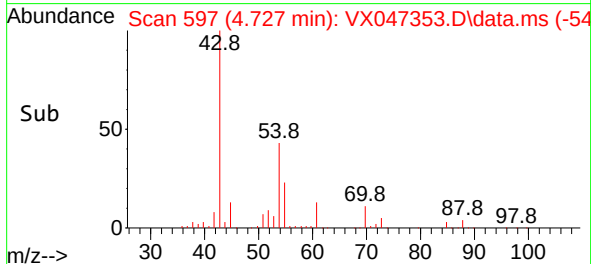
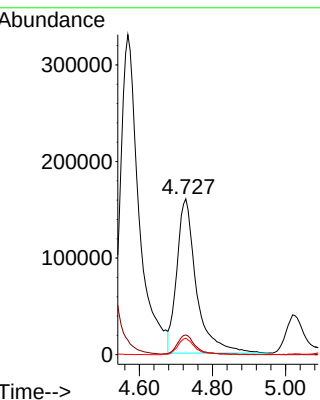
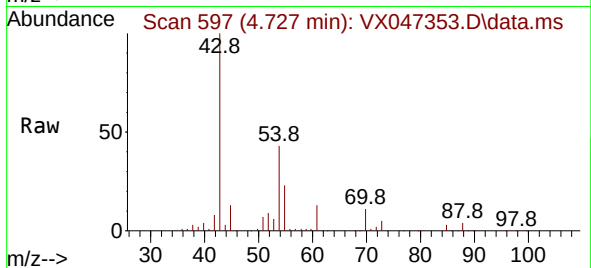
70 9.6 7.0 10.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/18/2025

Supervised By :Mahesh Dadoda 08/19/2025



#38

Carbon Tetrachloride

Concen: 148.444 ug/l

RT: 5.690 min Scan# 755

Delta R.T. 0.000 min

Lab File: VX047353.D

Acq: 15 Aug 2025 11:05

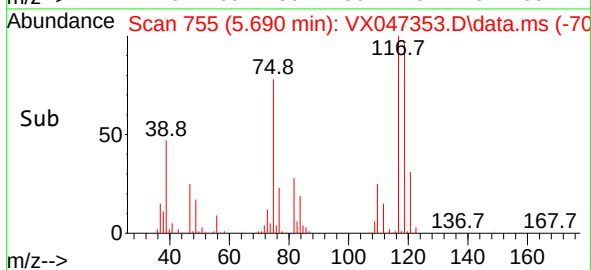
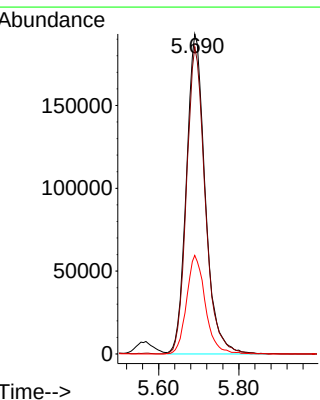
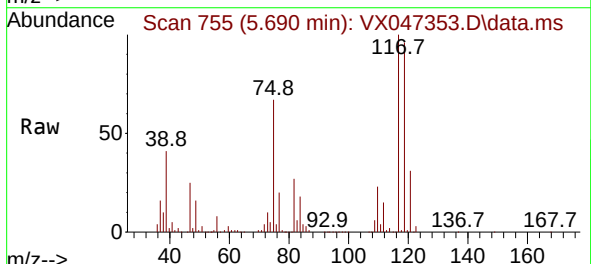
Tgt Ion:117 Resp: 628733

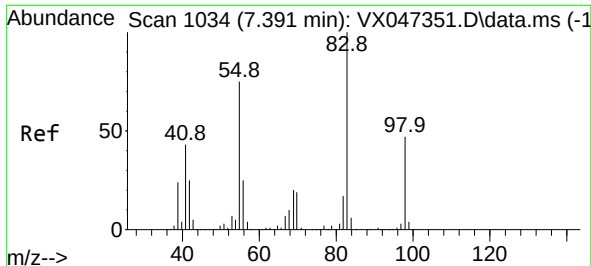
Ion Ratio Lower Upper

117 100

119 96.0 78.5 117.7

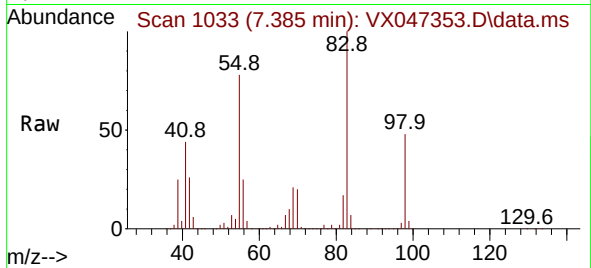
121 30.8 24.7 37.1





#39
Methylcyclohexane
Concen: 150.814 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. -0.006 min
Lab File: VX047353.D
Acq: 15 Aug 2025 11:05

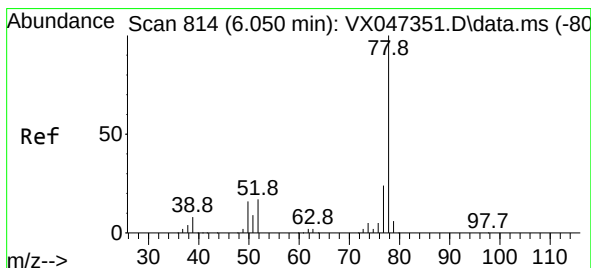
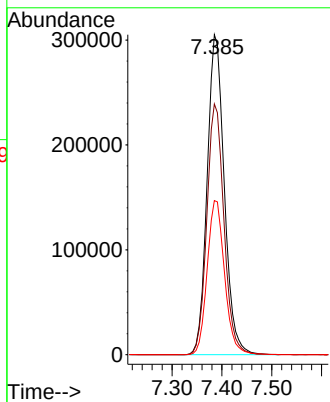
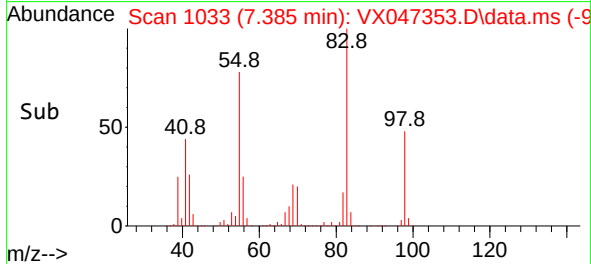
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



Tgt Ion: 83 Resp: 72912
Ion Ratio Lower Upper
83 100
55 78.4 60.0 90.0
98 48.1 37.2 55.8

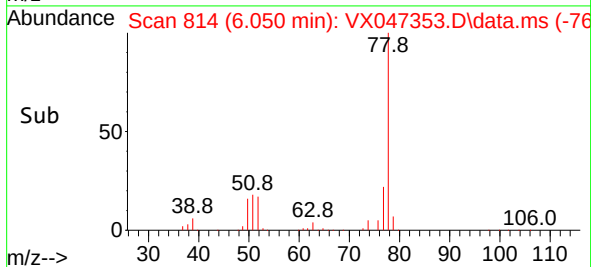
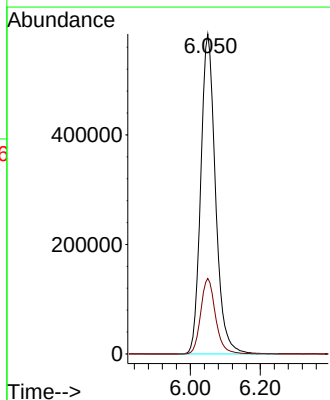
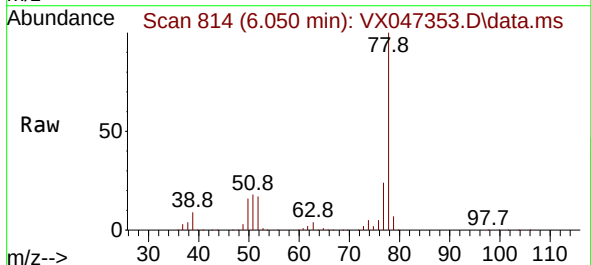
Manual Integrations
APPROVED

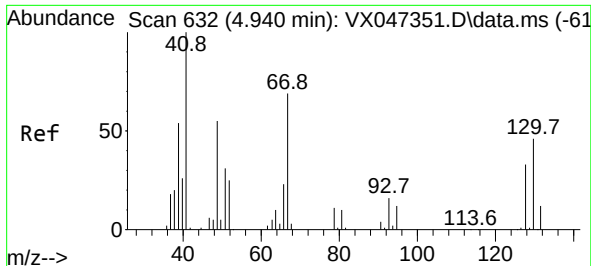
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025



#40
Benzene
Concen: 147.130 ug/l
RT: 6.050 min Scan# 814
Delta R.T. 0.000 min
Lab File: VX047353.D
Acq: 15 Aug 2025 11:05

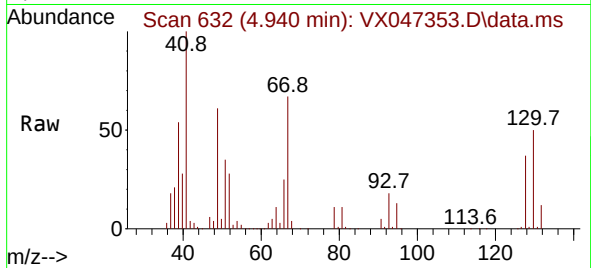
Tgt Ion: 78 Resp: 1706889
Ion Ratio Lower Upper
78 100
77 23.6 19.0 28.4





#41
Methacrylonitrile
Concen: 154.600 ug/l
RT: 4.940 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX047353.D
Acq: 15 Aug 2025 11:05

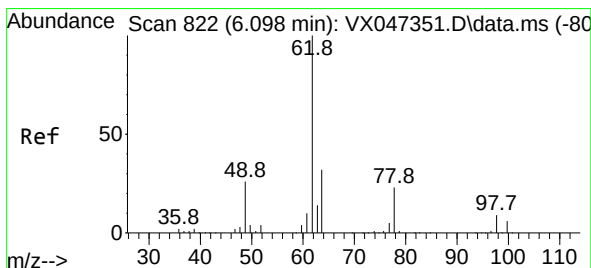
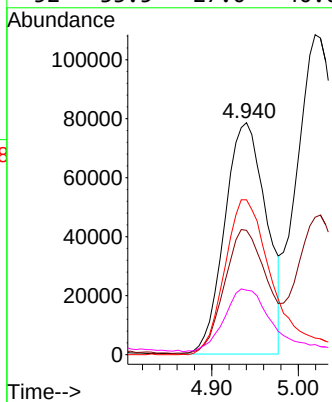
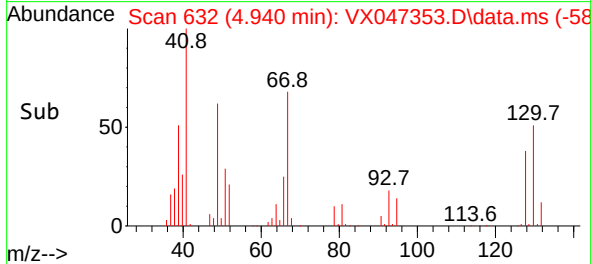
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion: 41 Resp: 26232
Ion Ratio Lower Upper
41 100
39 53.5 45.4 68.2
67 81.1 64.0 96.0
52 33.5 27.0 40.6

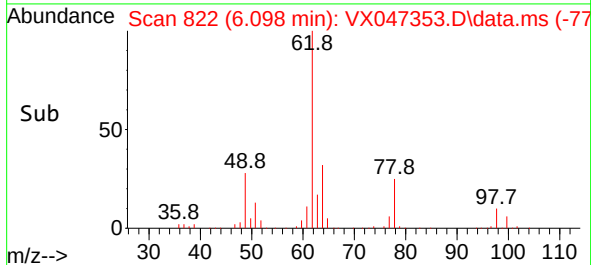
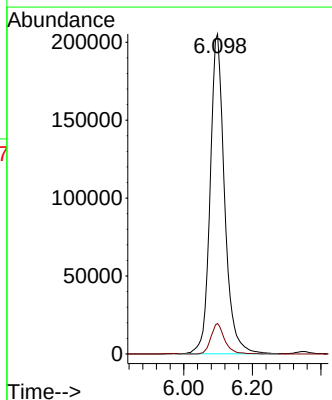
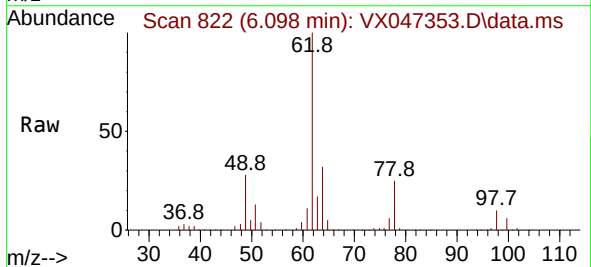
Manual Integrations
APPROVED

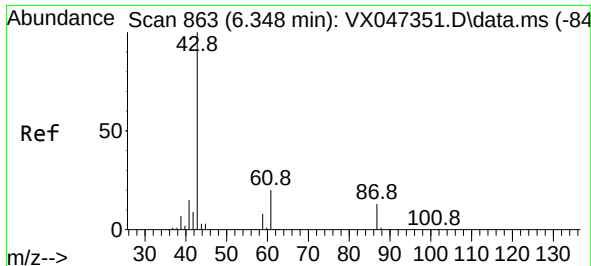
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025



#42
1,2-Dichloroethane
Concen: 145.829 ug/l
RT: 6.098 min Scan# 822
Delta R.T. 0.000 min
Lab File: VX047353.D
Acq: 15 Aug 2025 11:05

Tgt Ion: 62 Resp: 599255
Ion Ratio Lower Upper
62 100
98 9.1 0.0 18.0





#43

Isopropyl Acetate

Concen: 157.486 ug/l

RT: 6.348 min Scan# 863

Delta R.T. 0.000 min

Lab File: VX047353.D

Acq: 15 Aug 2025 11:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tgt Ion: 43 Resp: 910348

Ion Ratio Lower Upper

43 100

61 19.5 15.4 23.0

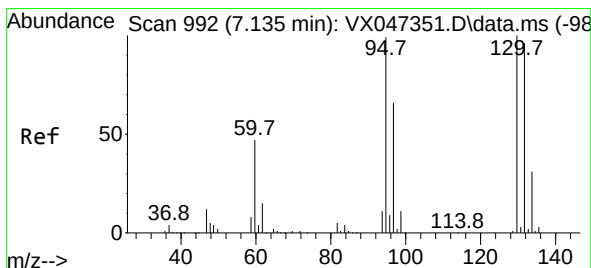
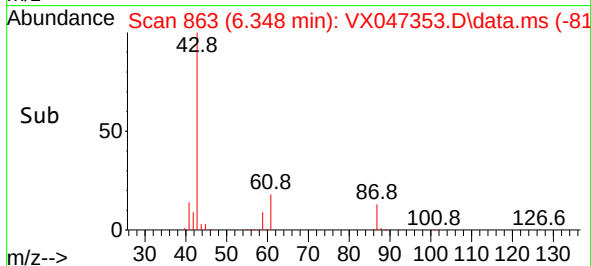
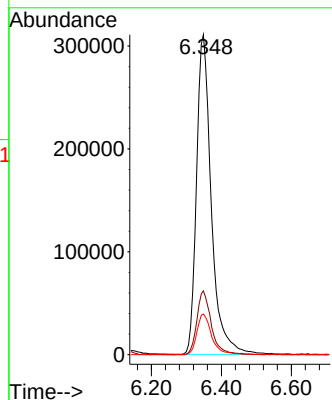
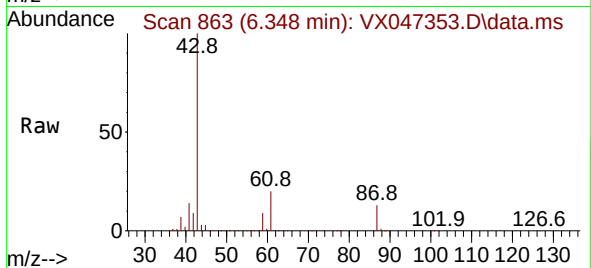
87 12.7 10.2 15.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/18/2025

Supervised By :Mahesh Dadoda 08/19/2025



#44

Trichloroethene

Concen: 149.252 ug/l

RT: 7.129 min Scan# 991

Delta R.T. -0.006 min

Lab File: VX047353.D

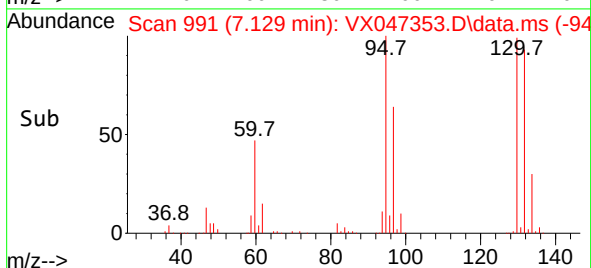
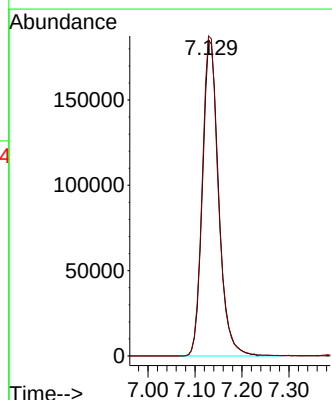
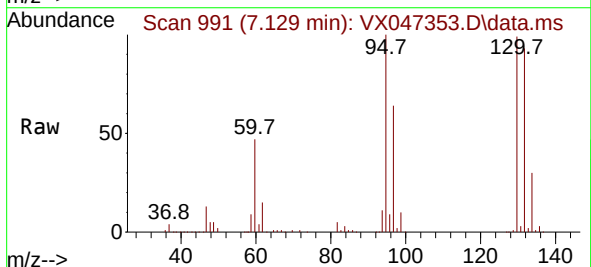
Acq: 15 Aug 2025 11:05

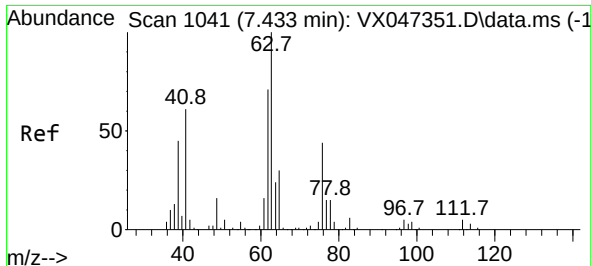
Tgt Ion:130 Resp: 443361

Ion Ratio Lower Upper

130 100

95 101.2 0.0 198.6





#45

1,2-Dichloropropane

Concen: 149.161 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. 0.000 min

Lab File: VX047353.D

Acq: 15 Aug 2025 11:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tgt Ion: 63 Resp: 433512

Ion Ratio Lower Upper

63 100

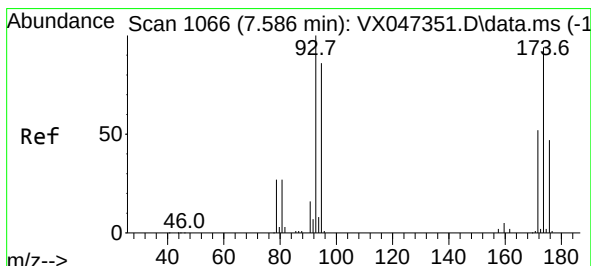
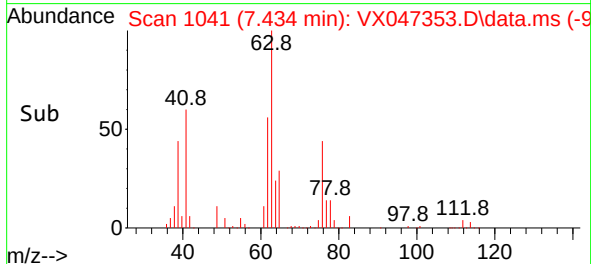
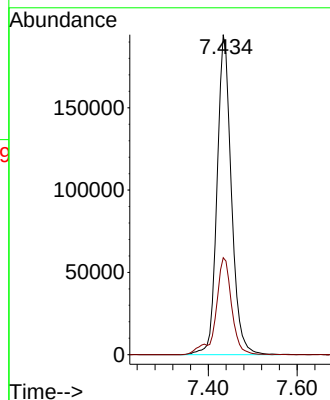
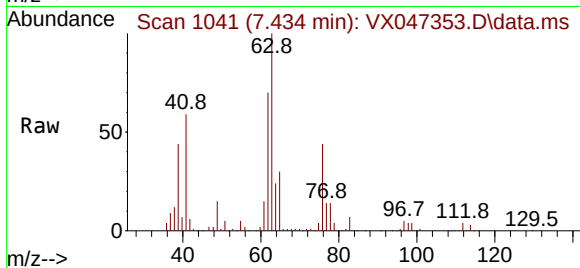
65 30.3 23.8 35.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/18/2025

Supervised By :Mahesh Dadoda 08/19/2025



#46

Dibromomethane

Concen: 148.288 ug/l

RT: 7.586 min Scan# 1066

Delta R.T. 0.000 min

Lab File: VX047353.D

Acq: 15 Aug 2025 11:05

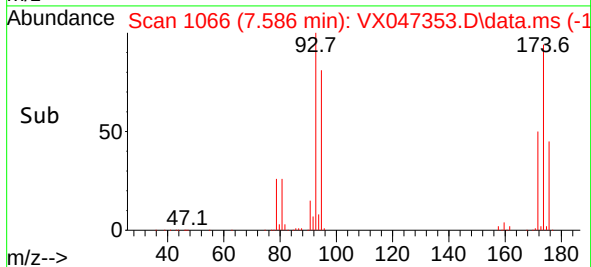
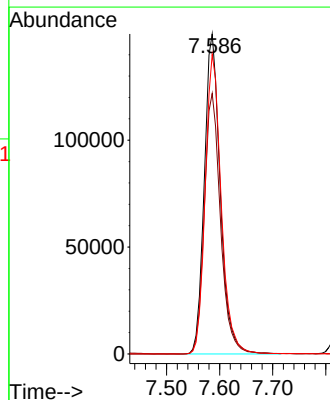
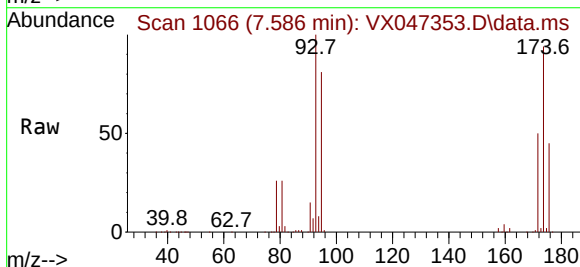
Tgt Ion: 93 Resp: 312886

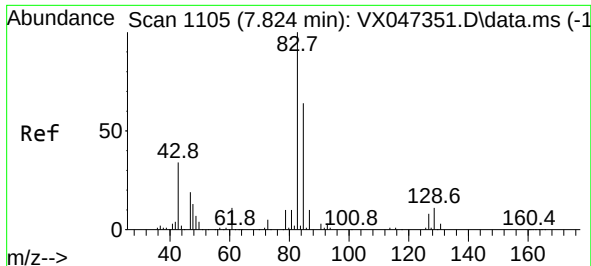
Ion Ratio Lower Upper

93 100

95 82.9 68.0 102.0

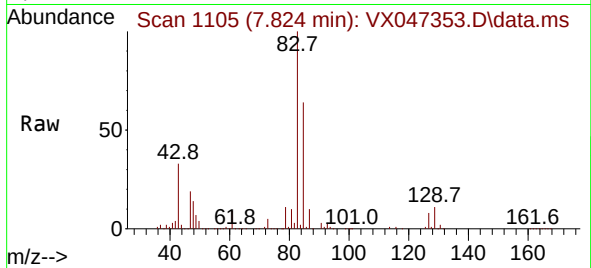
174 93.9 75.8 113.6





#47
Bromodichloromethane
Concen: 148.773 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX047353.D
Acq: 15 Aug 2025 11:05

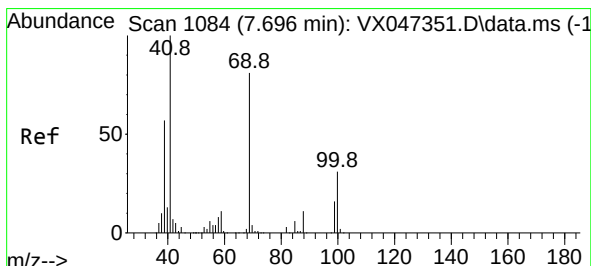
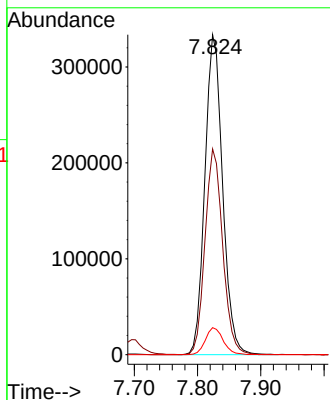
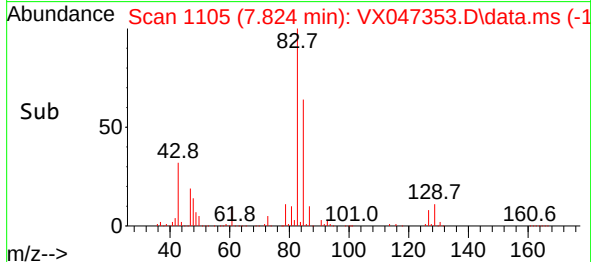
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion: 83 Resp: 65076
Ion Ratio Lower Upper
83 100
85 64.3 51.0 76.6
127 8.5 7.0 10.4

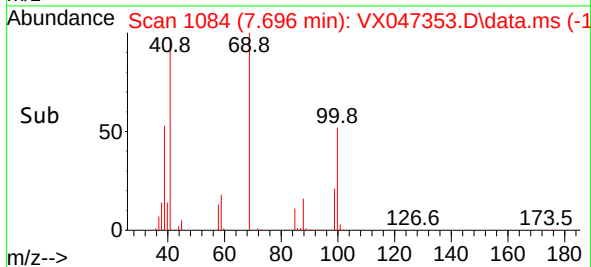
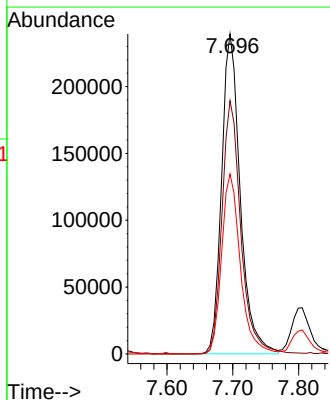
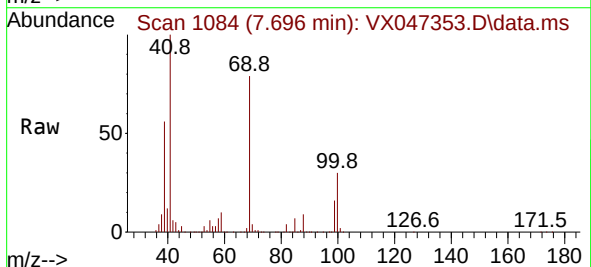
Manual Integrations
APPROVED

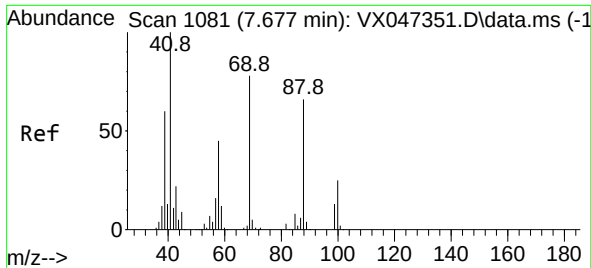
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025



#48
Methyl methacrylate
Concen: 157.749 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.000 min
Lab File: VX047353.D
Acq: 15 Aug 2025 11:05

Tgt Ion: 41 Resp: 473316
Ion Ratio Lower Upper
41 100
69 80.0 65.0 97.4
39 56.4 45.7 68.5





#49

1,4-Dioxane

Concen: 3105.263 ug/l

RT: 7.677 min Scan# 1081

Delta R.T. 0.000 min

Lab File: VX047353.D

Acq: 15 Aug 2025 11:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tgt Ion: 88 Resp: 8848

Ion Ratio Lower Upper

88 100

43 42.2 32.4 48.6

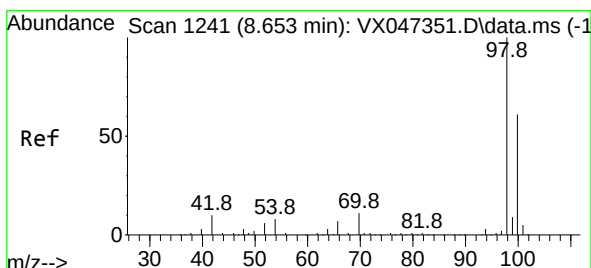
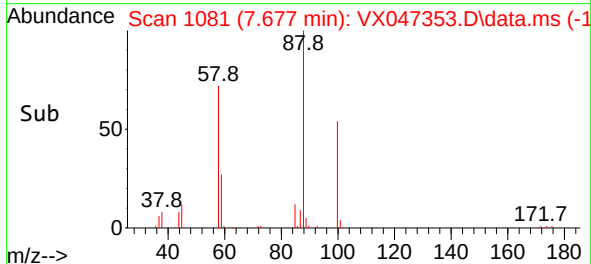
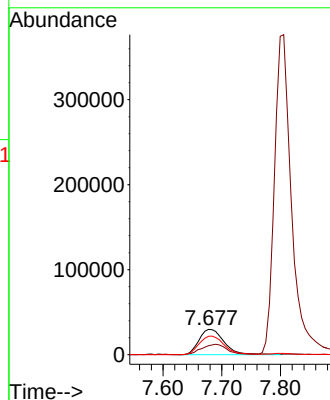
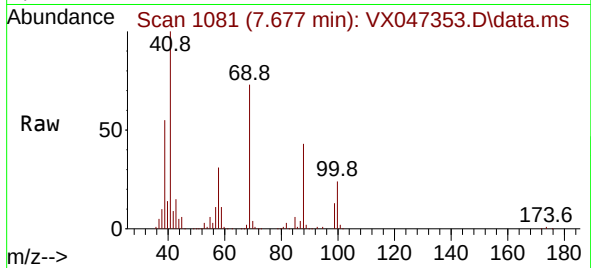
58 73.1 56.9 85.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/18/2025

Supervised By :Mahesh Dadoda 08/19/2025



#50

Toluene-d8

Concen: 159.272 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.000 min

Lab File: VX047353.D

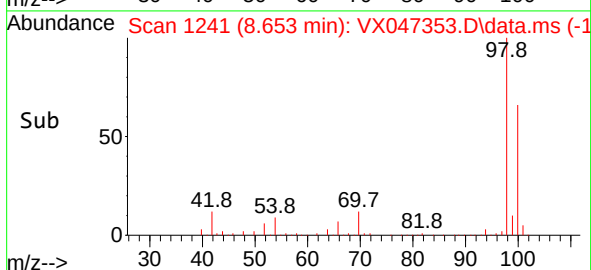
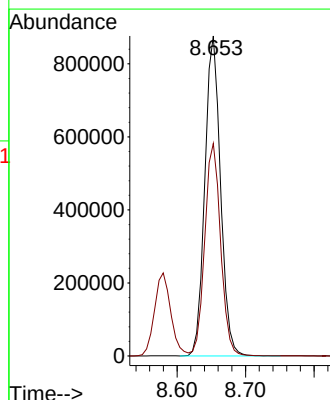
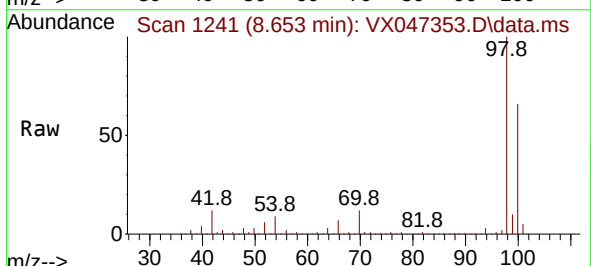
Acq: 15 Aug 2025 11:05

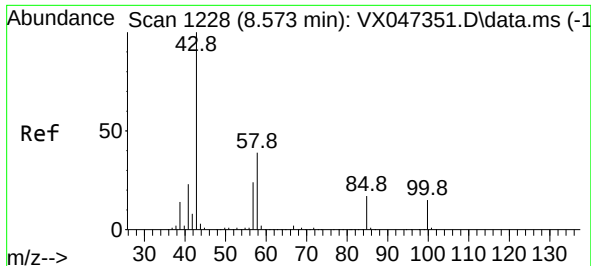
Tgt Ion: 98 Resp: 1397755

Ion Ratio Lower Upper

98 100

100 67.3 53.9 80.9





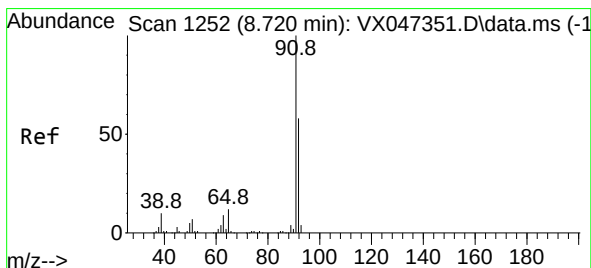
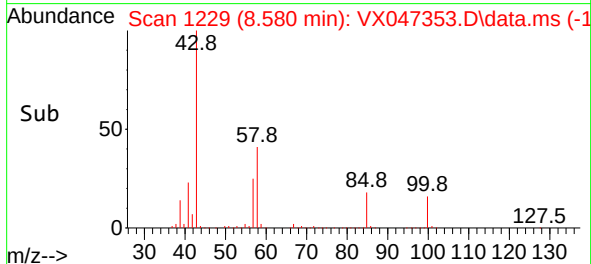
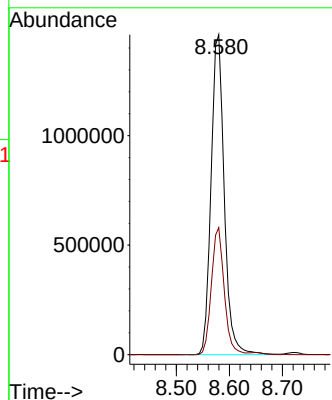
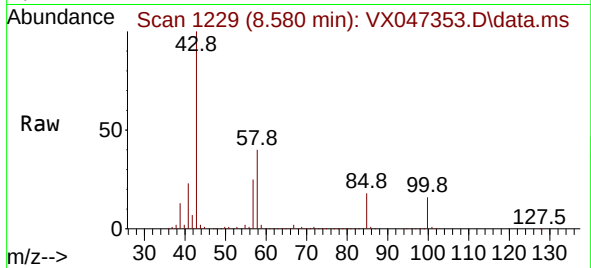
#51
4-Methyl-2-Pentanone
Concen: 757.992 ug/l
RT: 8.580 min Scan# 1228
Delta R.T. 0.006 min
Lab File: VX047353.D
Acq: 15 Aug 2025 11:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 43 Resp: 252140
Ion Ratio Lower Upper
43 100
58 38.7 31.2 46.8

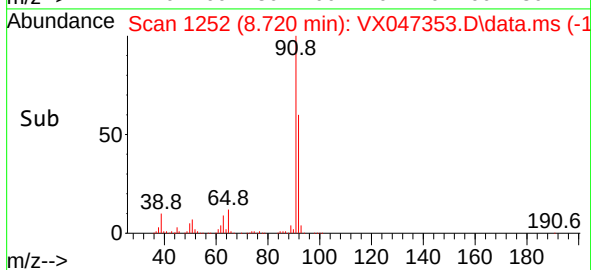
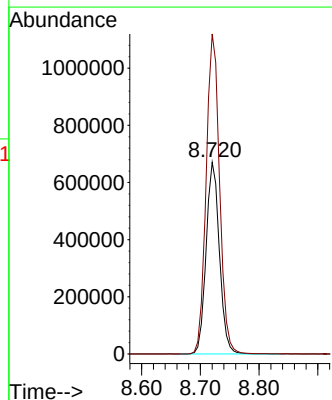
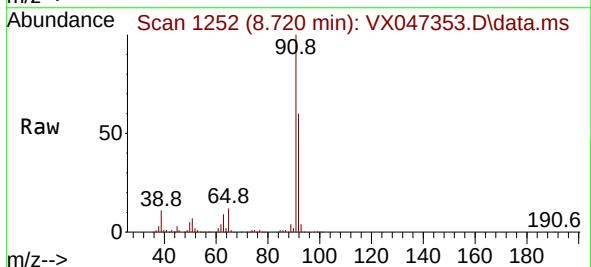
Manual Integrations
APPROVED

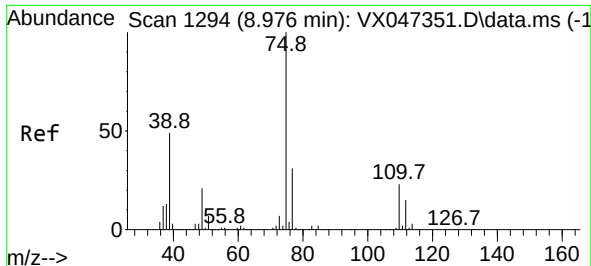
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025



#52
Toluene
Concen: 146.750 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX047353.D
Acq: 15 Aug 2025 11:05

Tgt Ion: 92 Resp: 1052008
Ion Ratio Lower Upper
92 100
91 168.9 136.3 204.5





#53
 t-1,3-Dichloropropene
 Concen: 163.583 ug/l
 RT: 8.976 min Scan# 1294
 Delta R.T. 0.000 min
 Lab File: VX047353.D
 Acq: 15 Aug 2025 11:05

Instrument :

MSVOA_X

ClientSampleId :

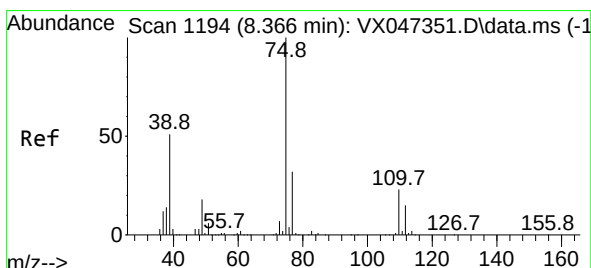
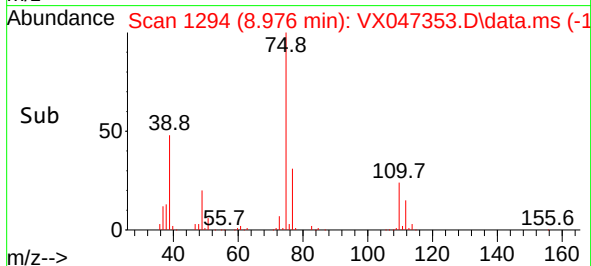
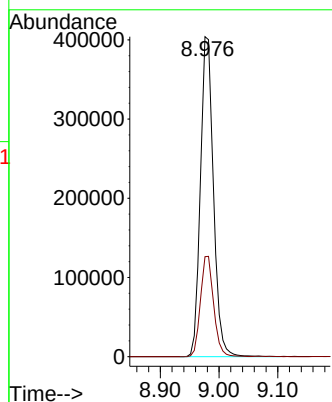
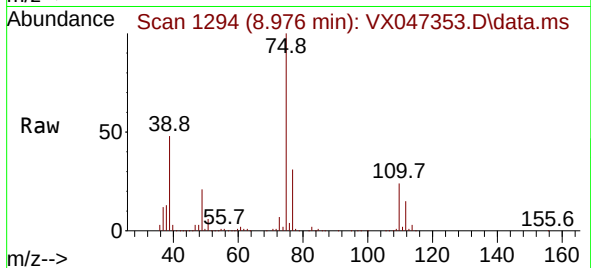
VSTDIC150

Tgt Ion: 75 Resp: 624499
 Ion Ratio Lower Upper
 75 100
 77 31.3 24.7 37.1

Manual Integrations

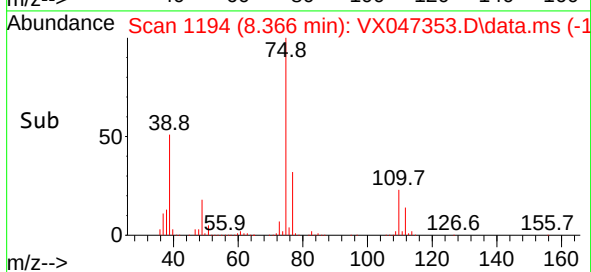
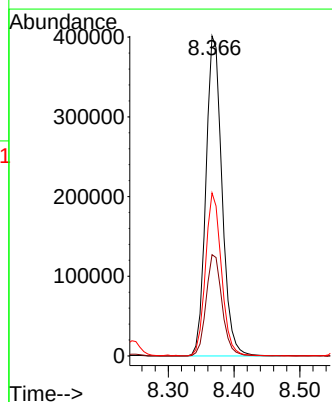
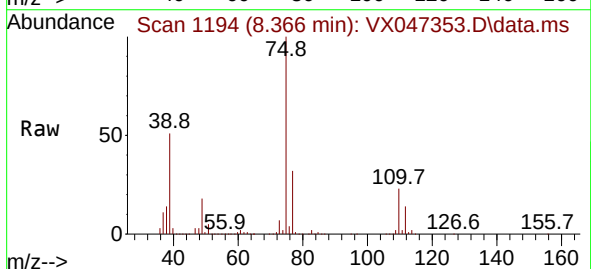
APPROVED

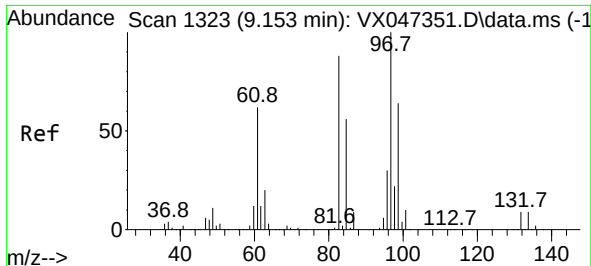
Reviewed By :John Carlone 08/18/2025
 Supervised By :Mahesh Dadoda 08/19/2025



#54
 cis-1,3-Dichloropropene
 Concen: 158.029 ug/l
 RT: 8.366 min Scan# 1194
 Delta R.T. 0.000 min
 Lab File: VX047353.D
 Acq: 15 Aug 2025 11:05

Tgt Ion: 75 Resp: 682860
 Ion Ratio Lower Upper
 75 100
 77 31.7 25.6 38.4
 39 50.9 40.9 61.3





#55

1,1,2-Trichloroethane

Concen: 144.868 ug/l

RT: 9.153 min Scan# 1323

Delta R.T. 0.000 min

Lab File: VX047353.D

Acq: 15 Aug 2025 11:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion: 97 Resp: 394302

Ion Ratio Lower Upper

97 100

83 85.0 70.6 106.0

85 54.5 44.7 67.1

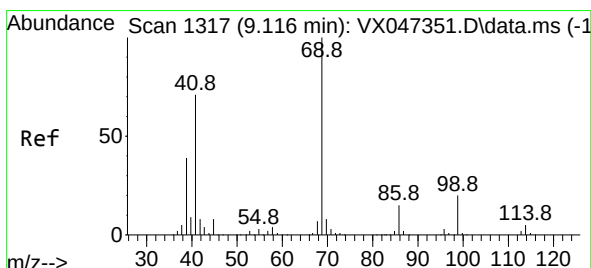
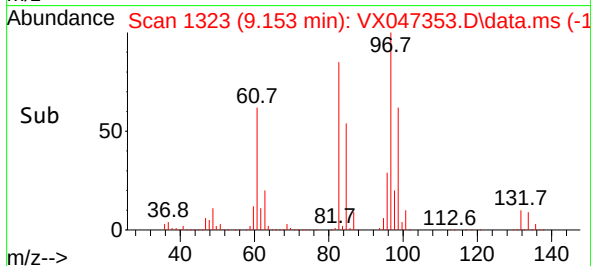
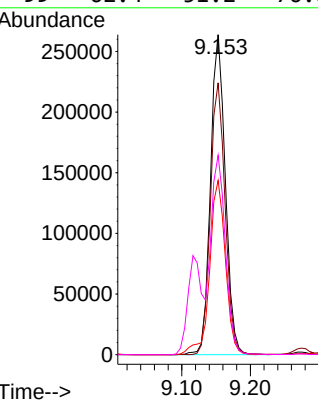
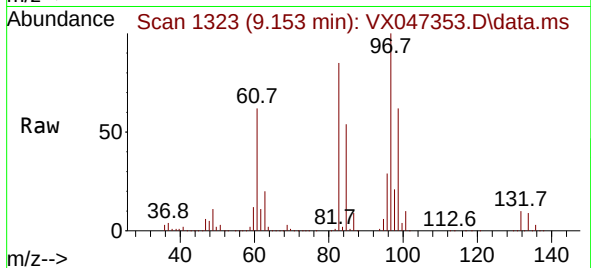
99 62.4 51.2 76.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/18/2025

Supervised By :Mahesh Dadoda 08/19/2025



#56

Ethyl methacrylate

Concen: 161.020 ug/l

RT: 9.116 min Scan# 1317

Delta R.T. 0.000 min

Lab File: VX047353.D

Acq: 15 Aug 2025 11:05

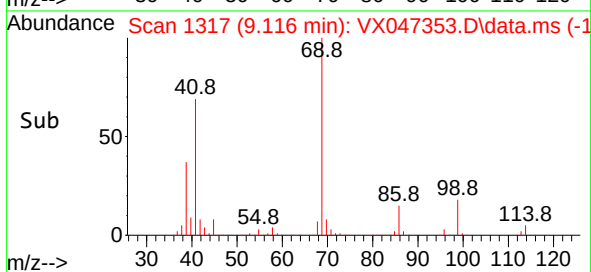
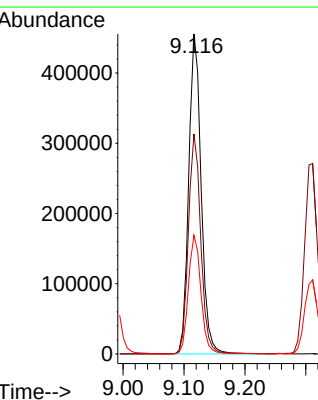
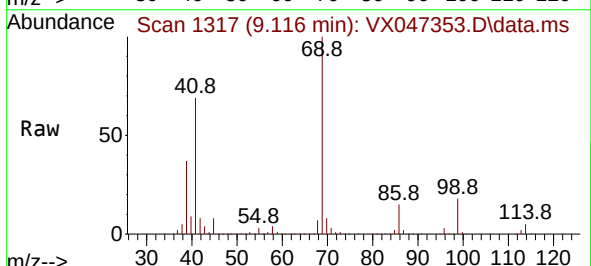
Tgt Ion: 69 Resp: 646154

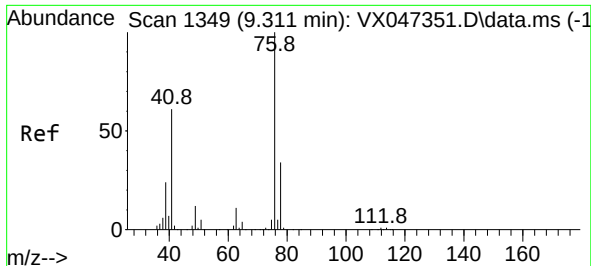
Ion Ratio Lower Upper

69 100

41 68.4 55.3 82.9

39 37.1 30.2 45.2





#57

1,3-Dichloropropane

Concen: 144.911 ug/l

RT: 9.311 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX047353.D

Acq: 15 Aug 2025 11:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tgt Ion: 76 Resp: 67208

Ion Ratio Lower Upper

76 100

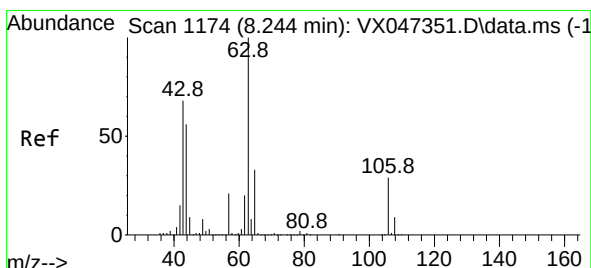
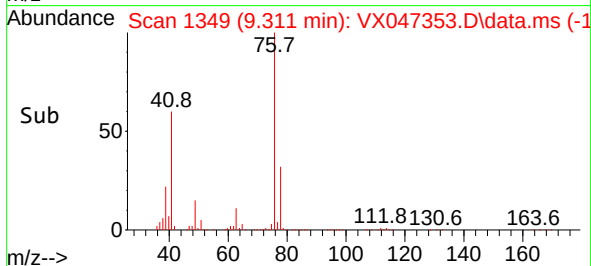
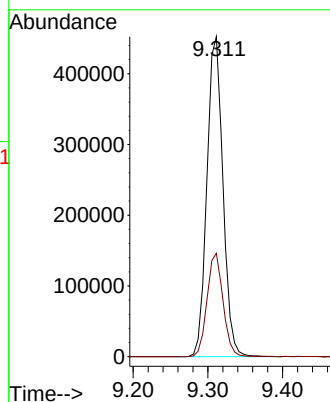
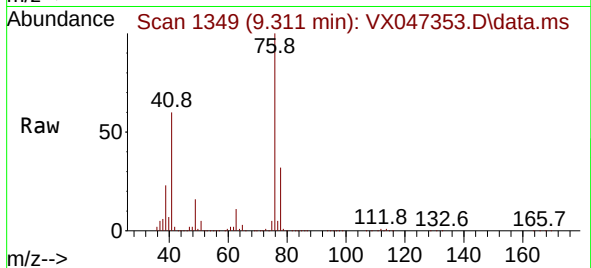
78 32.3 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/18/2025

Supervised By :Mahesh Dadoda 08/19/2025



#58

2-Chloroethyl Vinyl ether

Concen: 748.853 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. 0.000 min

Lab File: VX047353.D

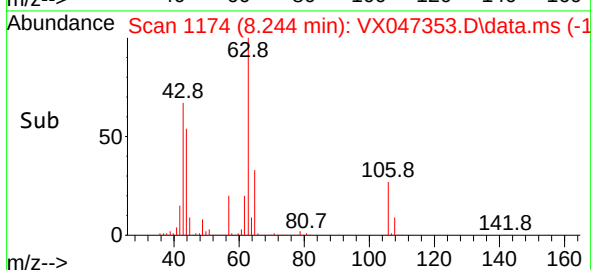
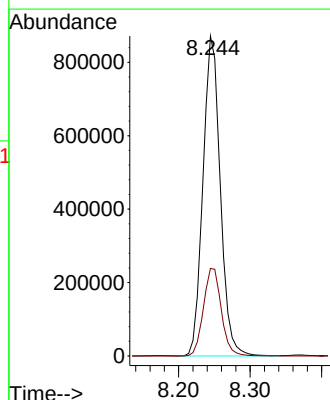
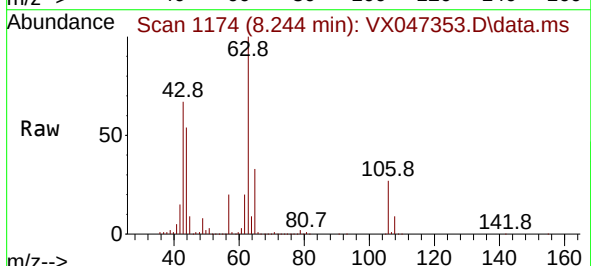
Acq: 15 Aug 2025 11:05

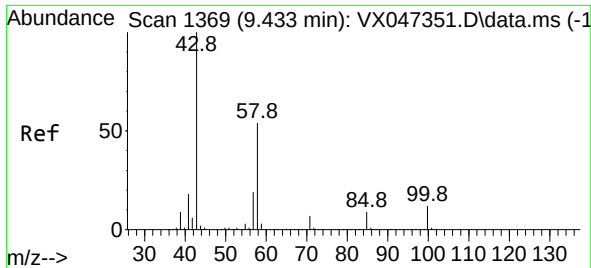
Tgt Ion: 63 Resp: 1468000

Ion Ratio Lower Upper

63 100

106 28.2 22.8 34.2





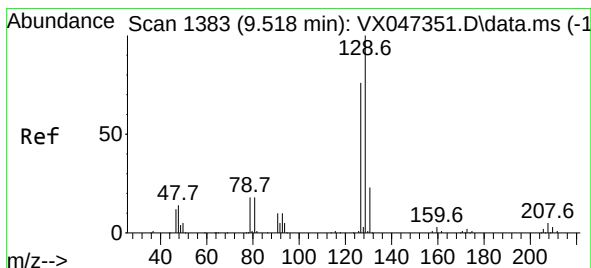
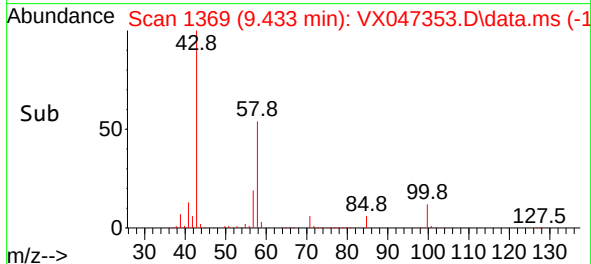
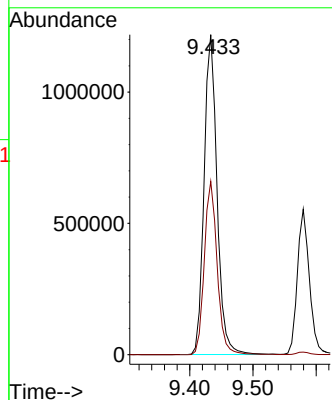
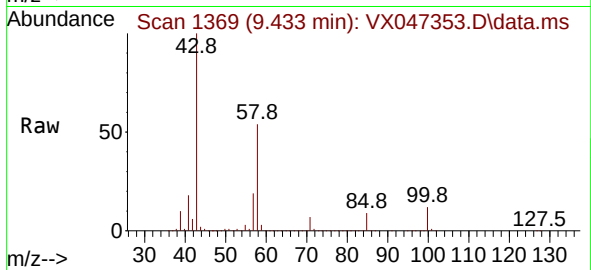
#59
2-Hexanone
Concen: 755.168 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX047353.D
Acq: 15 Aug 2025 11:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 43 Resp: 1737610
Ion Ratio Lower Upper
43 100
58 53.9 26.9 80.7

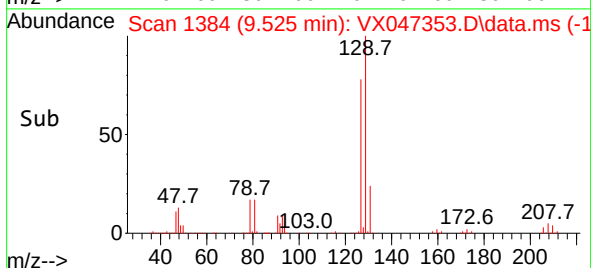
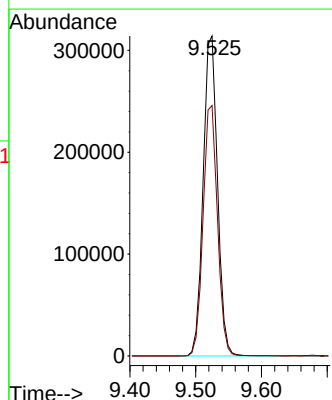
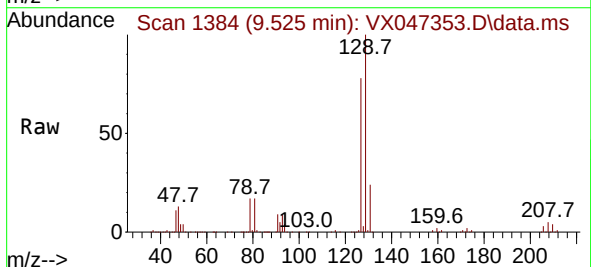
Manual Integrations
APPROVED

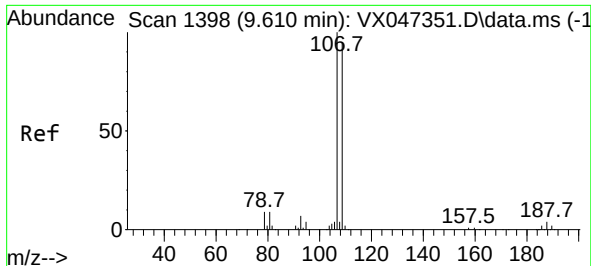
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025



#60
Dibromochloromethane
Concen: 147.358 ug/l
RT: 9.525 min Scan# 1384
Delta R.T. 0.006 min
Lab File: VX047353.D
Acq: 15 Aug 2025 11:05

Tgt Ion:129 Resp: 476650
Ion Ratio Lower Upper
129 100
127 78.5 38.9 116.6





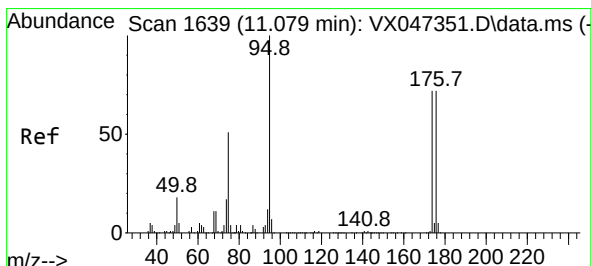
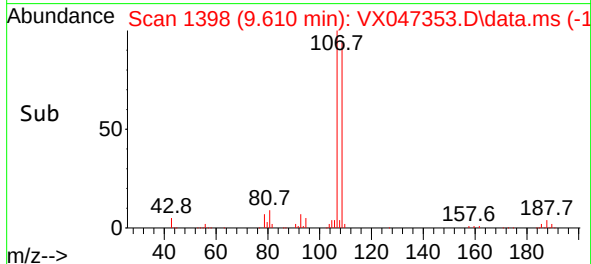
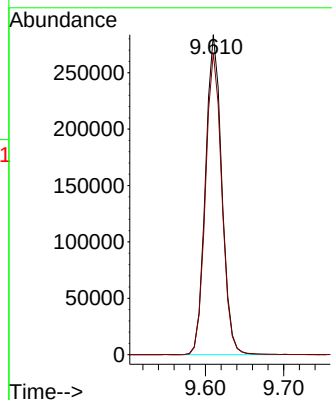
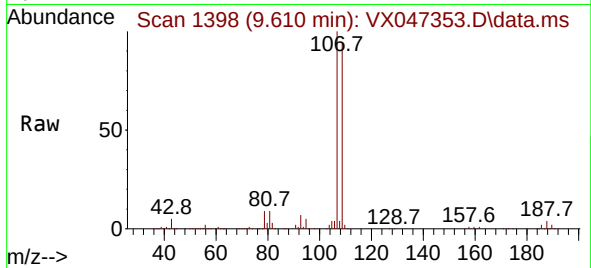
#61
1,2-Dibromoethane
Concen: 146.099 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX047353.D
Acq: 15 Aug 2025 11:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion:107 Resp: 41005
Ion Ratio Lower Upper
107 100
109 94.5 76.2 114.2

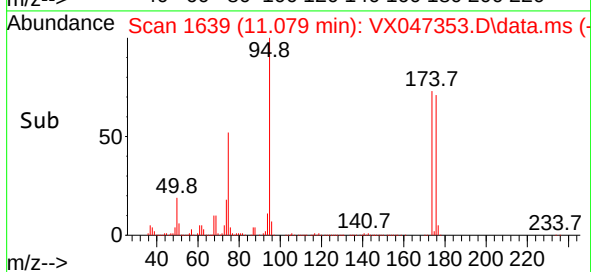
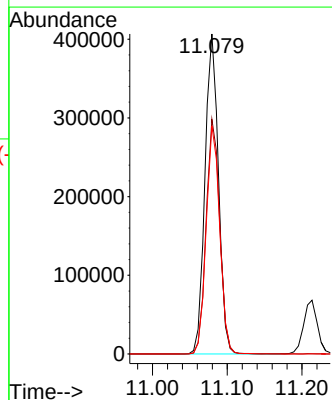
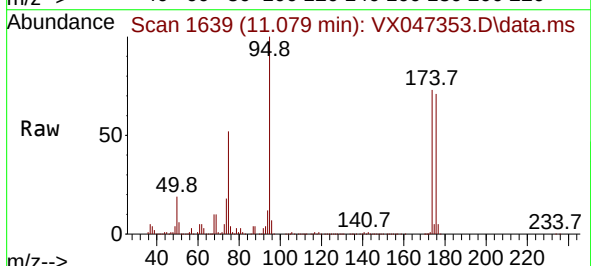
Manual Integrations
APPROVED

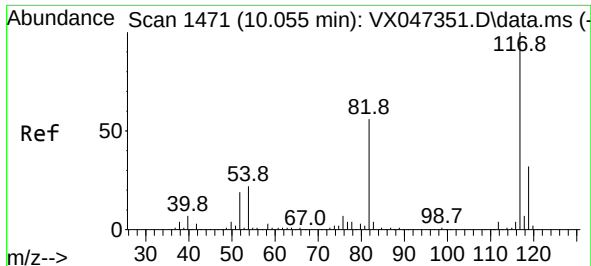
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025



#62
4-Bromofluorobenzene
Concen: 157.125 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047353.D
Acq: 15 Aug 2025 11:05

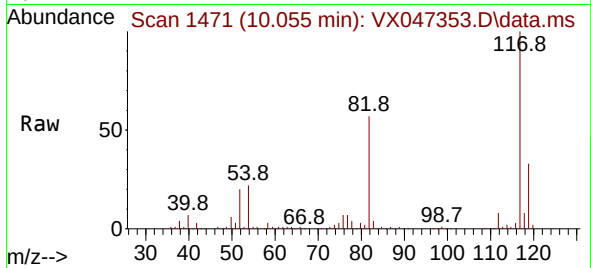
Tgt Ion: 95 Resp: 508844
Ion Ratio Lower Upper
95 100
174 74.2 0.0 148.0
176 71.3 0.0 145.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX047353.D
Acq: 15 Aug 2025 11:05

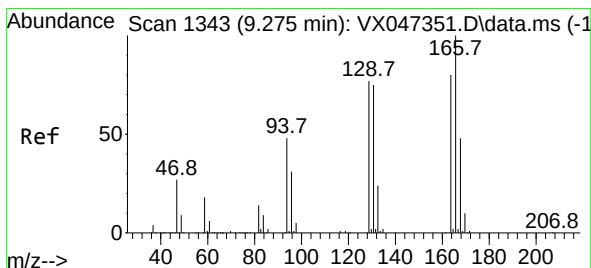
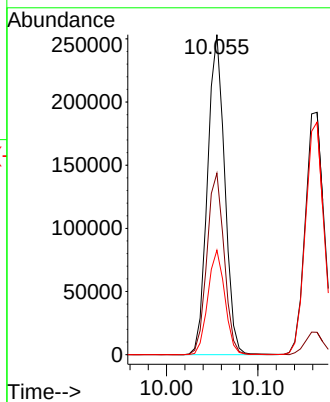
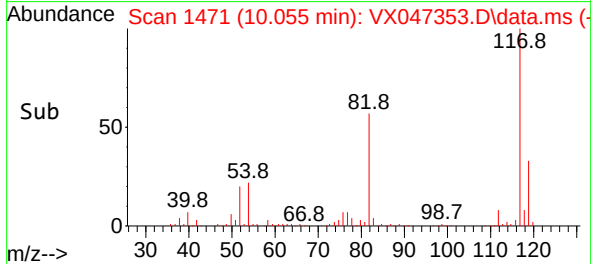
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion:117 Resp: 330090
Ion Ratio Lower Upper
117 100
82 56.7 45.0 67.4
119 32.7 25.8 38.8

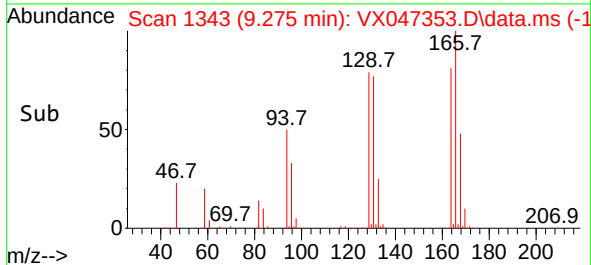
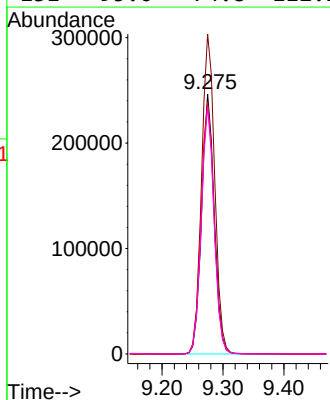
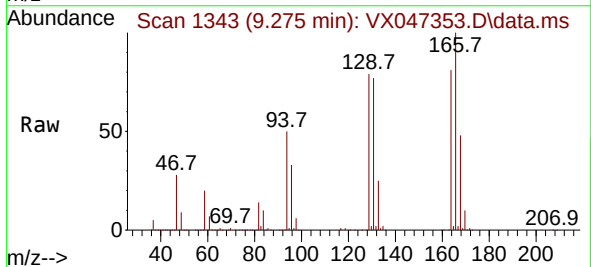
Manual Integrations
APPROVED

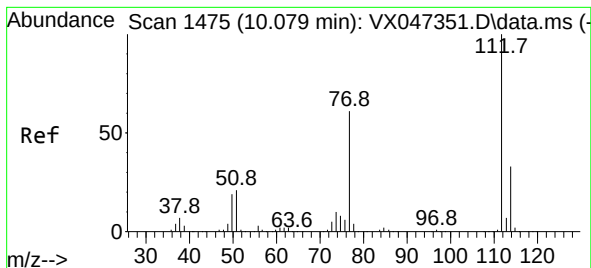
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025



#64
Tetrachloroethene
Concen: 149.518 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX047353.D
Acq: 15 Aug 2025 11:05

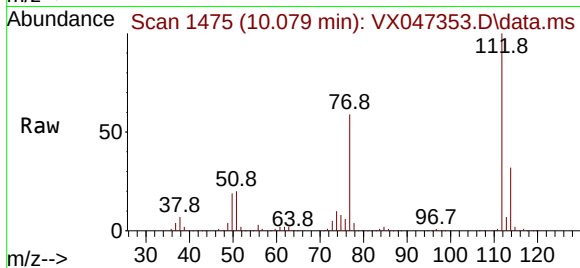
Tgt Ion:164 Resp: 356989
Ion Ratio Lower Upper
164 100
166 123.0 100.3 150.5
129 96.8 77.7 116.5
131 95.0 74.8 112.2





#65
Chlorobenzene
Concen: 148.370 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX047353.D
Acq: 15 Aug 2025 11:05

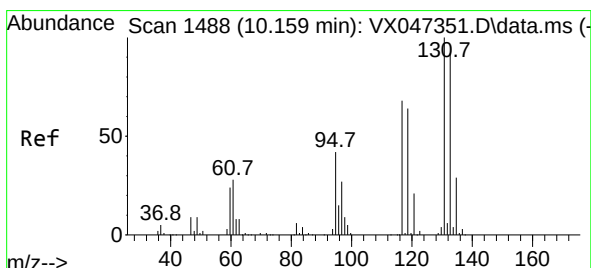
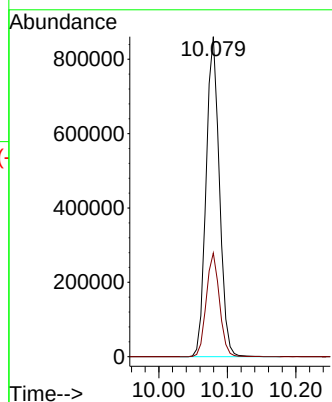
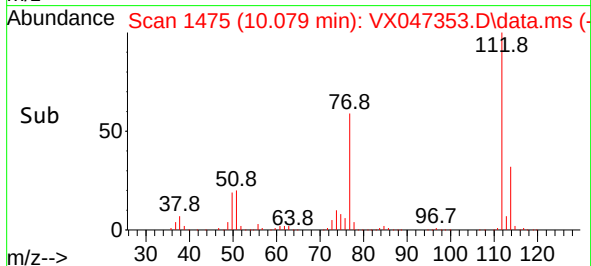
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



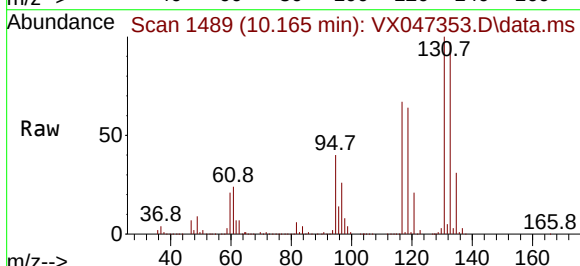
Tgt Ion:112 Resp: 116384
Ion Ratio Lower Upper
112 100
114 32.4 26.4 39.6

Manual Integrations
APPROVED

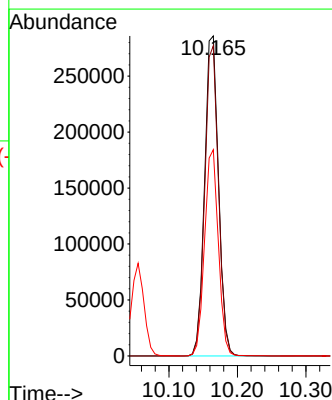
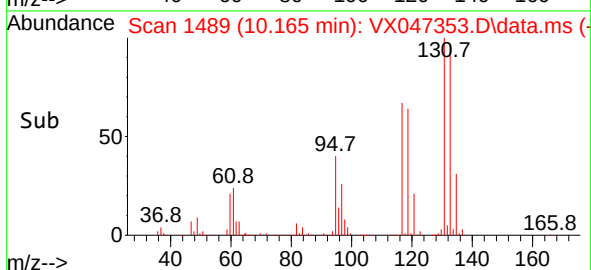
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025

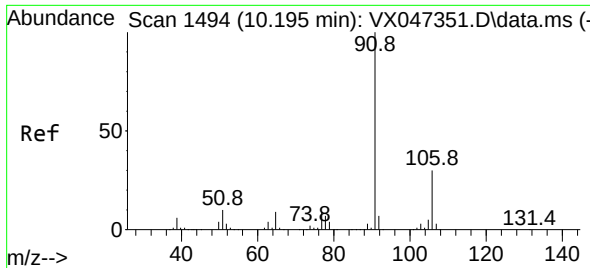


#66
1,1,1,2-Tetrachloroethane
Concen: 152.780 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.006 min
Lab File: VX047353.D
Acq: 15 Aug 2025 11:05



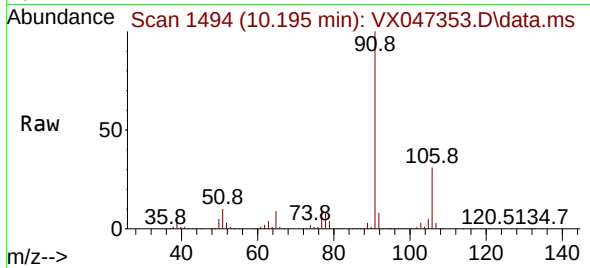
Tgt Ion:131 Resp: 405123
Ion Ratio Lower Upper
131 100
133 95.4 47.6 142.9
119 63.9 32.3 96.8





#67
Ethyl Benzene
Concen: 150.823 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX047353.D
Acq: 15 Aug 2025 11:05

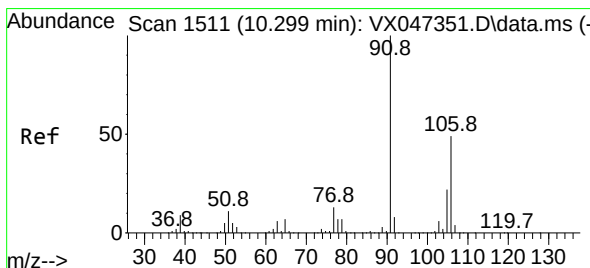
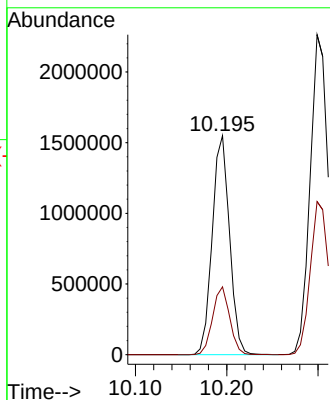
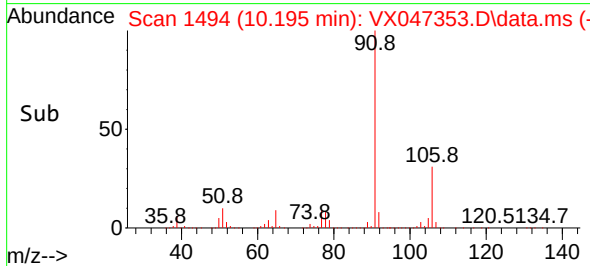
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



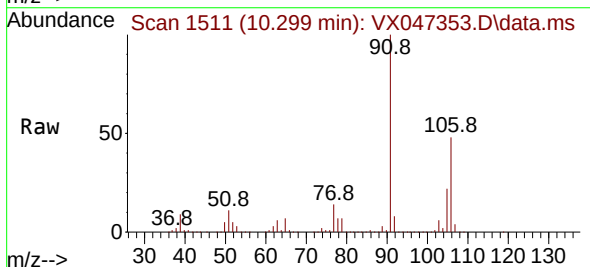
Tgt Ion: 91 Resp: 2036272
Ion Ratio Lower Upper
91 100
106 31.0 24.4 36.6

Manual Integrations
APPROVED

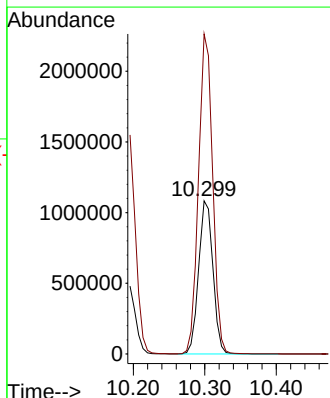
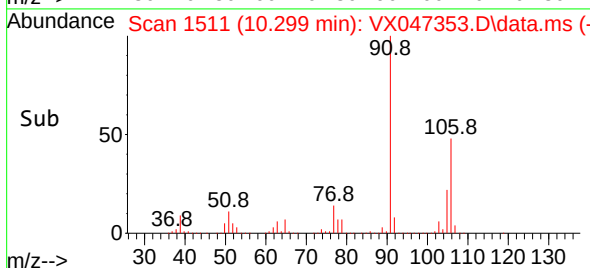
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025

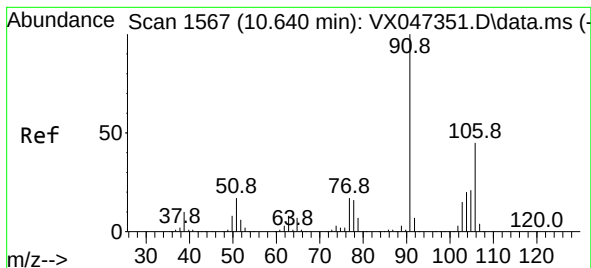


#68
m/p-Xylenes
Concen: 298.466 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX047353.D
Acq: 15 Aug 2025 11:05



Tgt Ion:106 Resp: 1502542
Ion Ratio Lower Upper
106 100
91 207.4 164.7 247.1





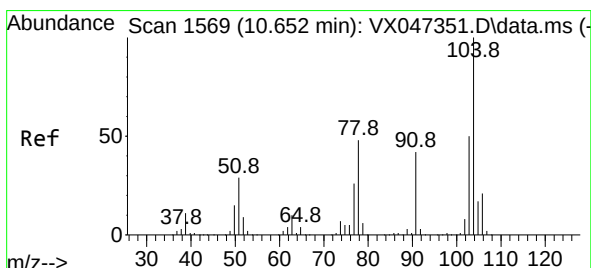
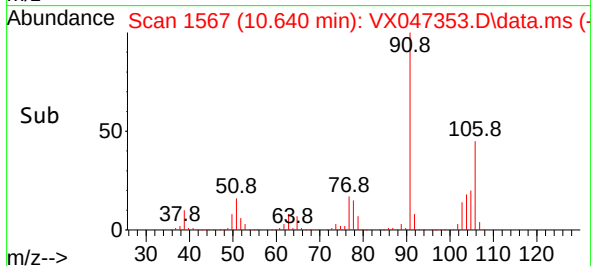
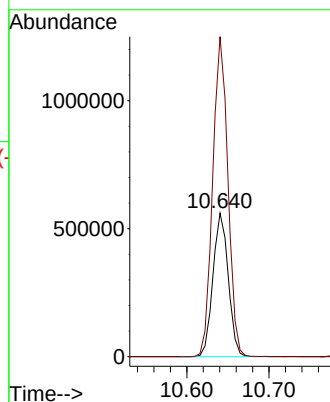
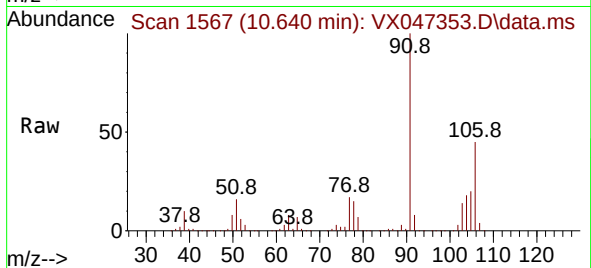
#69
o-Xylene
Concen: 149.683 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX047353.D
Acq: 15 Aug 2025 11:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion:106 Resp: 725154
Ion Ratio Lower Upper
106 100
91 221.6 110.6 331.8

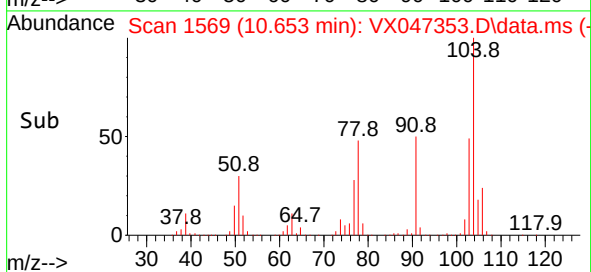
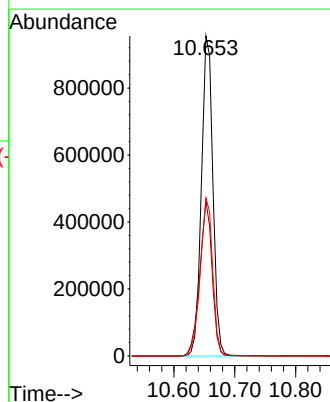
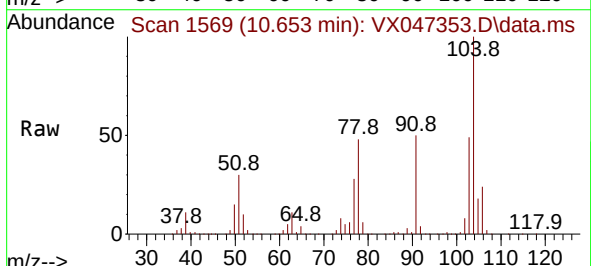
Manual Integrations
APPROVED

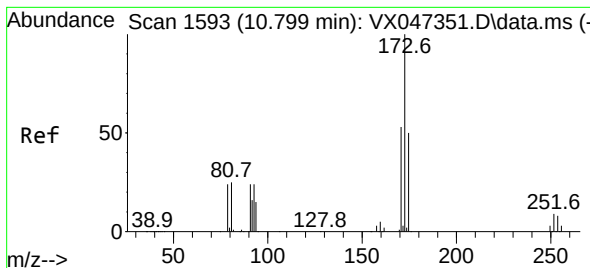
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025



#70
Styrene
Concen: 153.150 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX047353.D
Acq: 15 Aug 2025 11:05

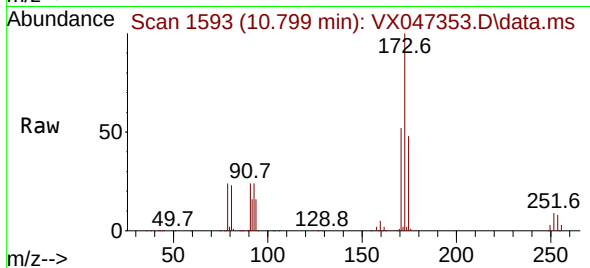
Tgt Ion:104 Resp: 1253652
Ion Ratio Lower Upper
104 100
78 52.1 41.8 62.8
103 53.9 43.6 65.4





#71
Bromoform
Concen: 155.427 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX047353.D
Acq: 15 Aug 2025 11:05

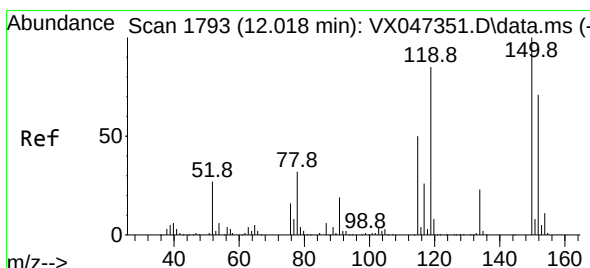
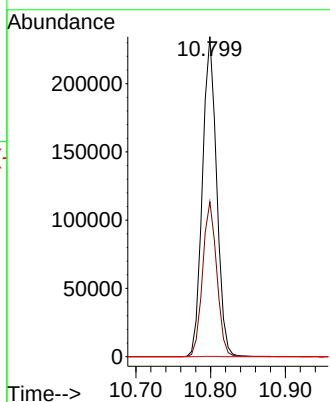
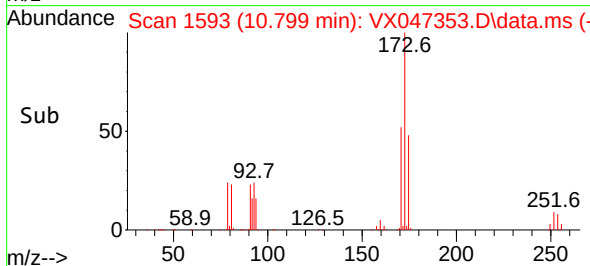
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



Tgt Ion:173 Resp: 309620
Ion Ratio Lower Upper
173 100
175 48.2 24.4 73.4
254 0.1 0.1 0.1

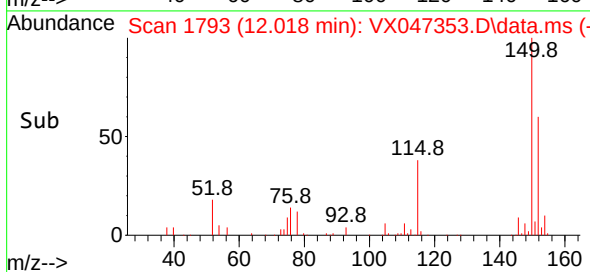
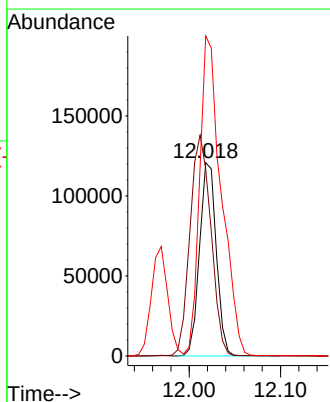
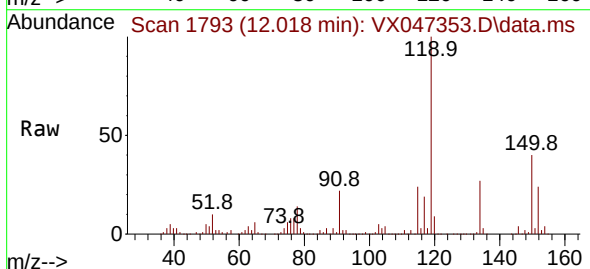
Manual Integrations
APPROVED

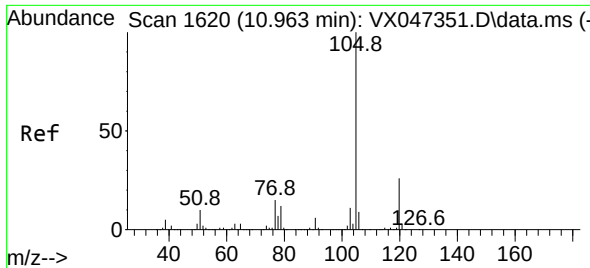
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX047353.D
Acq: 15 Aug 2025 11:05

Tgt Ion:152 Resp: 153878
Ion Ratio Lower Upper
152 100
115 142.6 44.6 133.8#
150 214.2 0.0 349.8





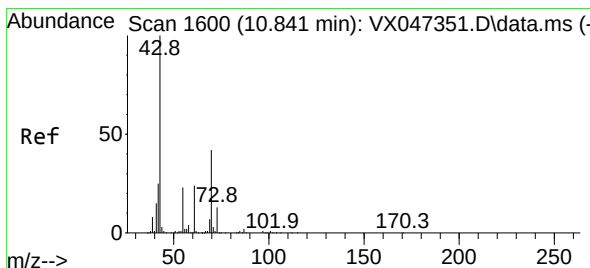
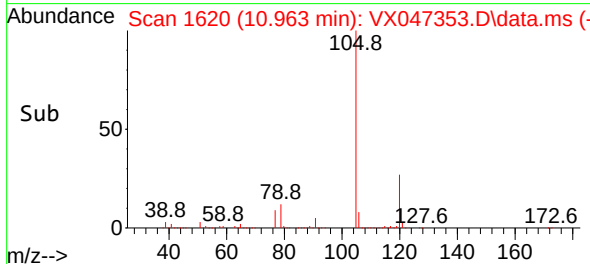
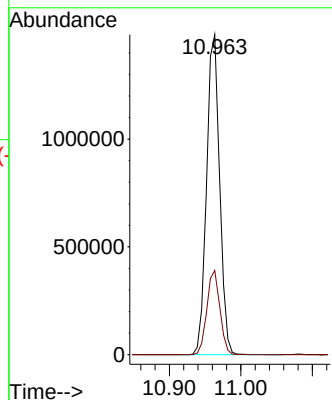
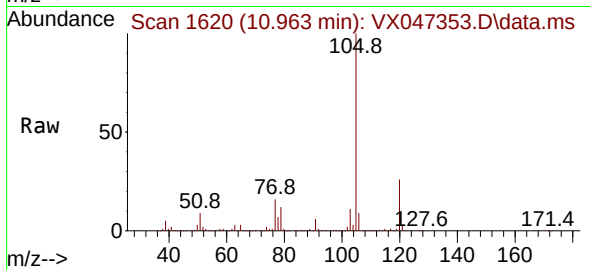
#73
Isopropylbenzene
Concen: 156.417 ug/l
RT: 10.963 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX047353.D
Acq: 15 Aug 2025 11:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion:105 Resp: 188352
Ion Ratio Lower Upper
105 100
120 26.2 12.9 38.6

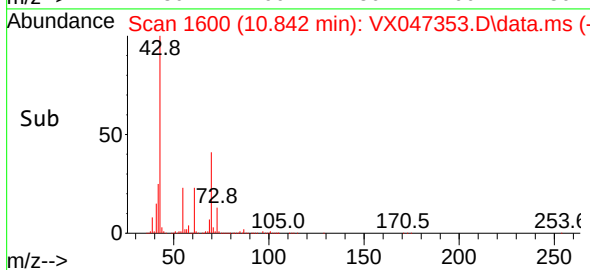
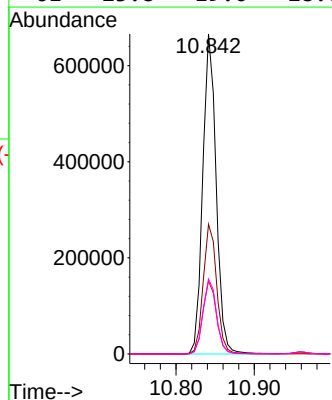
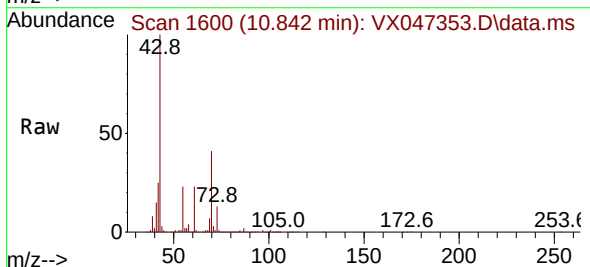
Manual Integrations
APPROVED

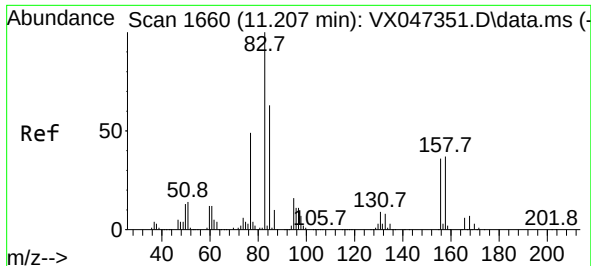
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025



#74
N-ethyl acetate
Concen: 172.791 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX047353.D
Acq: 15 Aug 2025 11:05

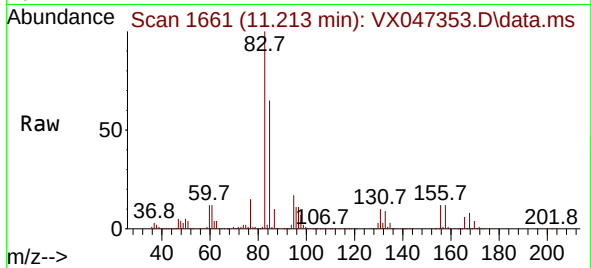
Tgt Ion: 43 Resp: 790124
Ion Ratio Lower Upper
43 100
70 41.1 33.1 49.7
55 23.3 19.0 28.6
61 23.8 19.0 28.6





#75
1,1,2,2-Tetrachloroethane
Concen: 150.375 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.006 min
Lab File: VX047353.D
Acq: 15 Aug 2025 11:05

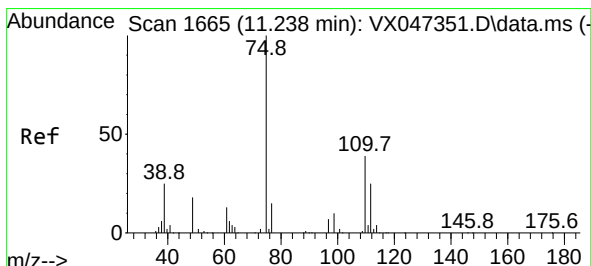
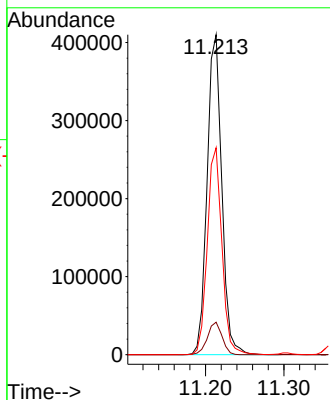
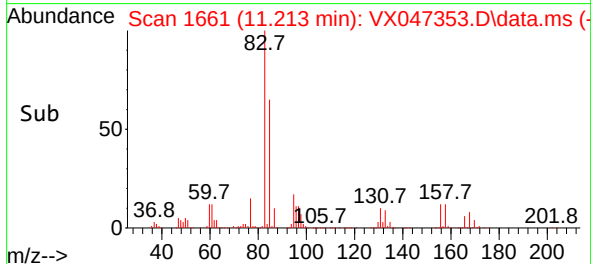
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion: 83 Resp: 53165
Ion Ratio Lower Upper
83 100
131 10.1 5.0 15.0
85 64.4 31.7 95.1

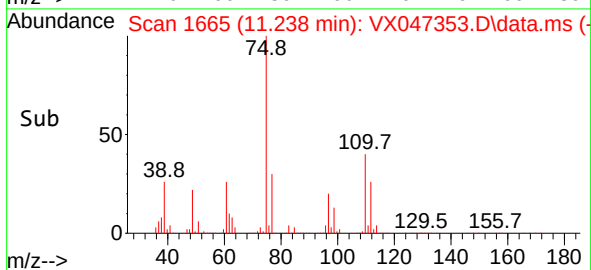
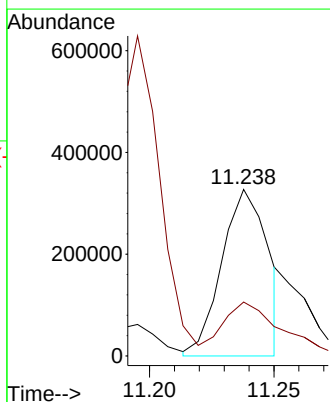
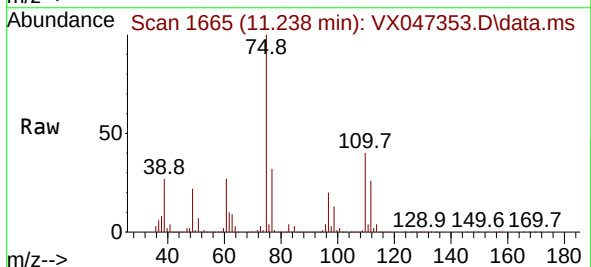
Manual Integrations
APPROVED

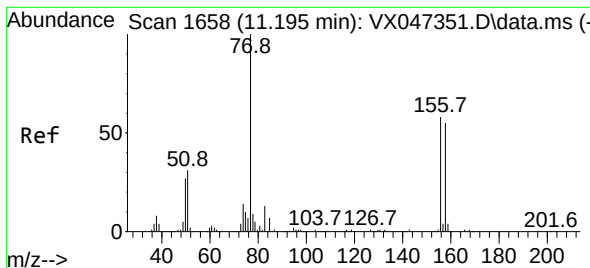
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025



#76
1,2,3-Trichloropropane
Concen: 150.704 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX047353.D
Acq: 15 Aug 2025 11:05

Tgt Ion: 75 Resp: 425332
Ion Ratio Lower Upper
75 100
77 41.1 19.4 58.2





#77

Bromobenzene

Concen: 153.378 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX047353.D

Acq: 15 Aug 2025 11:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion:156 Resp: 451000

Ion Ratio Lower Upper

156 100

77 172.9 86.3 258.9

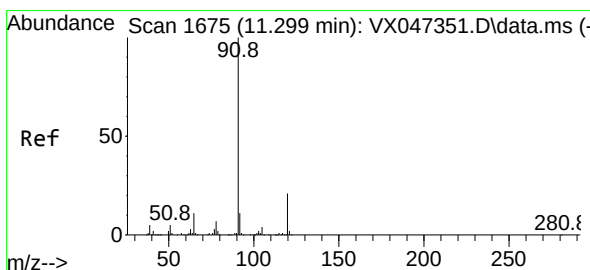
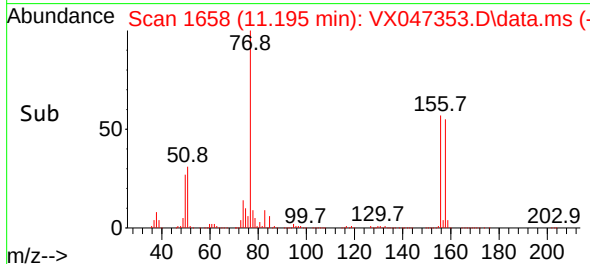
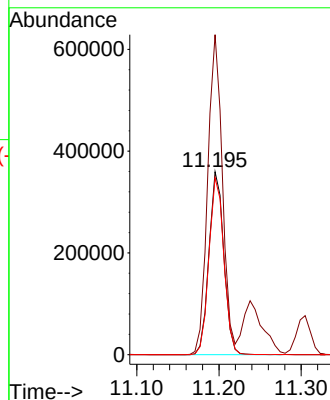
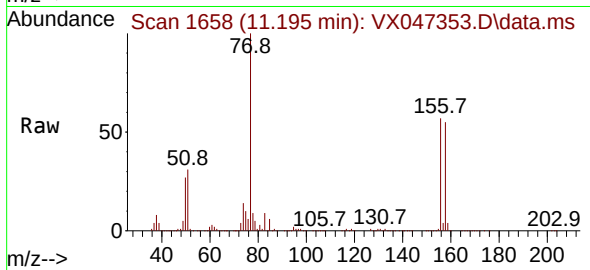
158 97.4 48.0 144.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/18/2025

Supervised By :Mahesh Dadoda 08/19/2025



#78

n-propylbenzene

Concen: 155.473 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.006 min

Lab File: VX047353.D

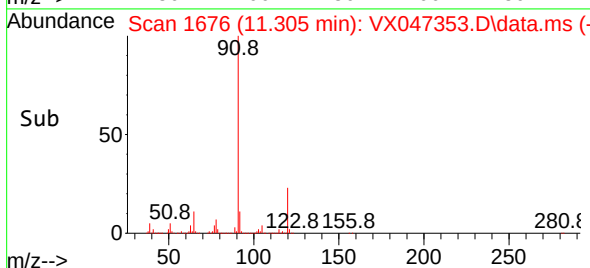
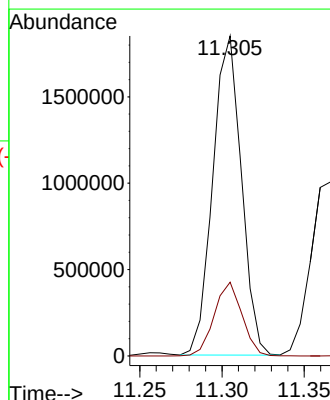
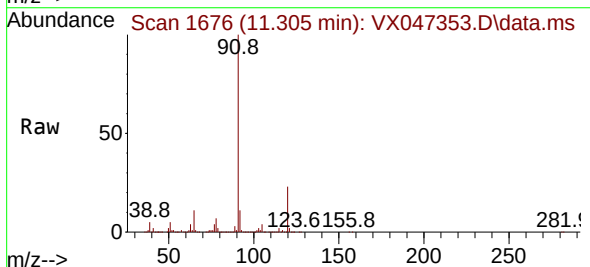
Acq: 15 Aug 2025 11:05

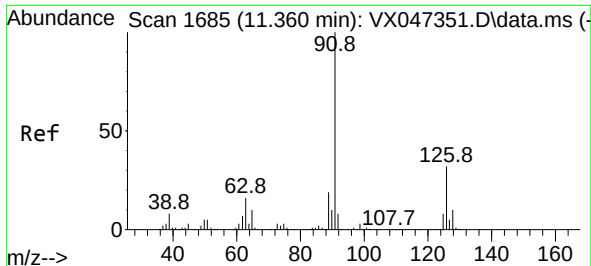
Tgt Ion: 91 Resp: 2235938

Ion Ratio Lower Upper

91 100

120 22.5 11.0 33.0





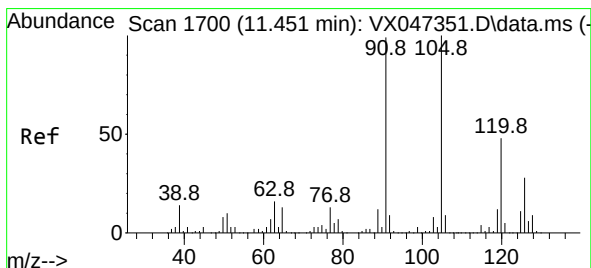
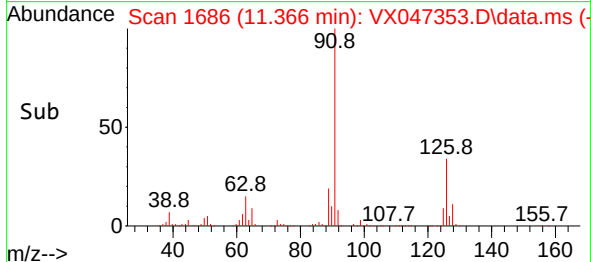
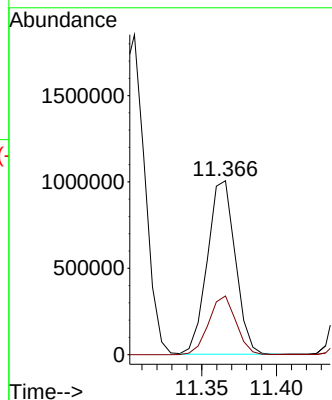
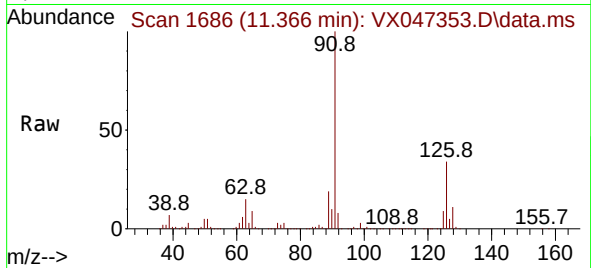
#79
2-Chlorotoluene
Concen: 150.272 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VX047353.D
Acq: 15 Aug 2025 11:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 91 Resp: 1306418
Ion Ratio Lower Upper
91 100
126 33.0 16.7 50.1

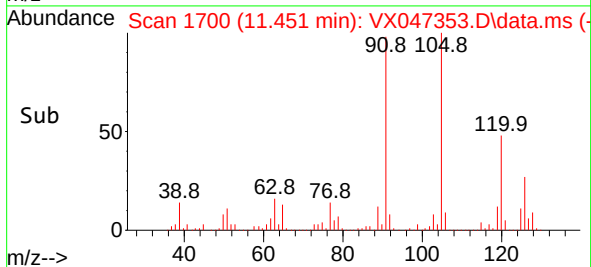
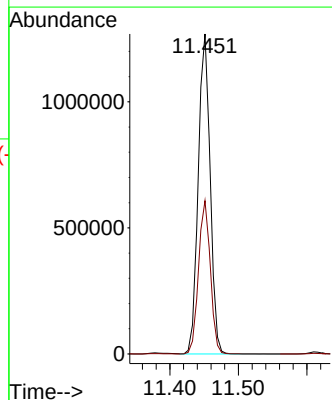
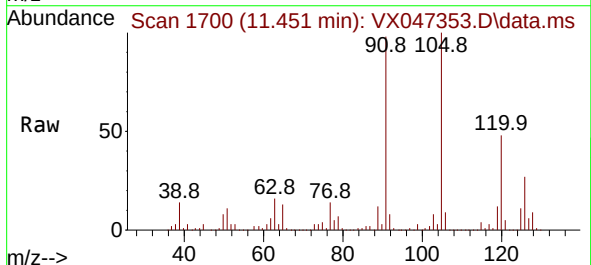
Manual Integrations
APPROVED

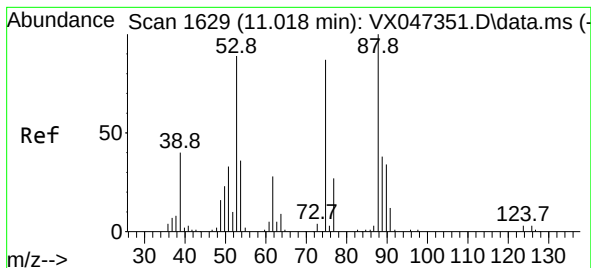
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025



#80
1,3,5-Trimethylbenzene
Concen: 155.110 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX047353.D
Acq: 15 Aug 2025 11:05

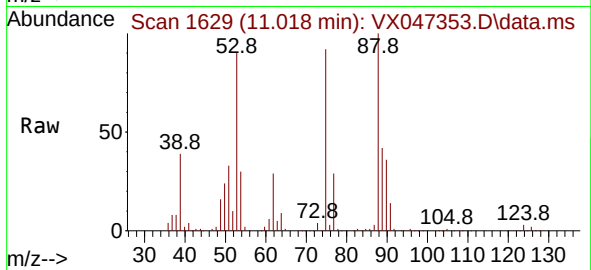
Tgt Ion:105 Resp: 1536791
Ion Ratio Lower Upper
105 100
120 47.5 23.9 71.7





#81
trans-1,4-Dichloro-2-butene
Concen: 154.967 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX047353.D
Acq: 15 Aug 2025 11:05

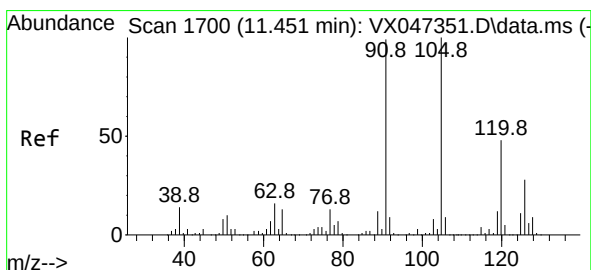
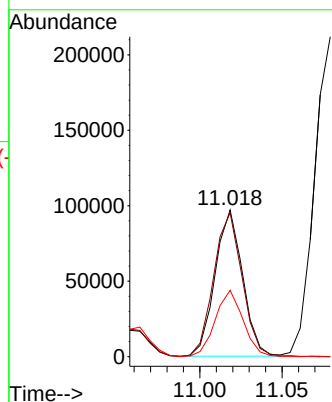
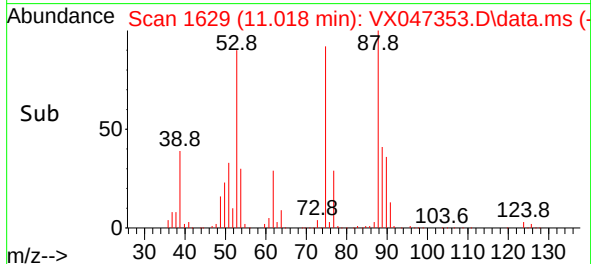
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



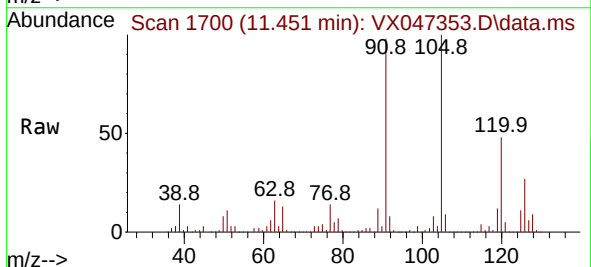
Tgt Ion: 75 Resp: 113338
Ion Ratio Lower Upper
75 100
53 101.8 85.2 127.8
89 45.9 36.7 55.1

Manual Integrations
APPROVED

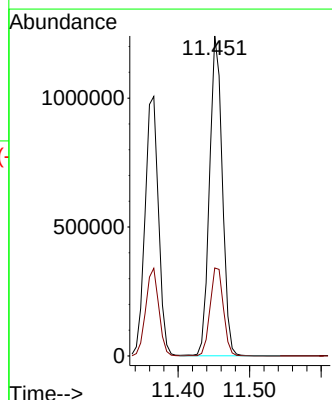
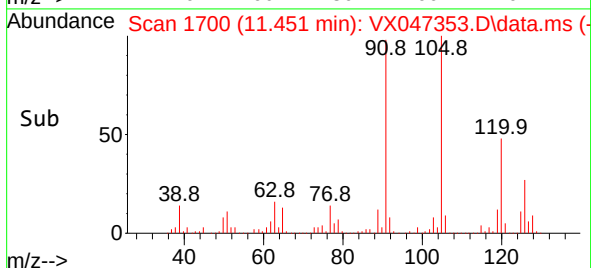
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025

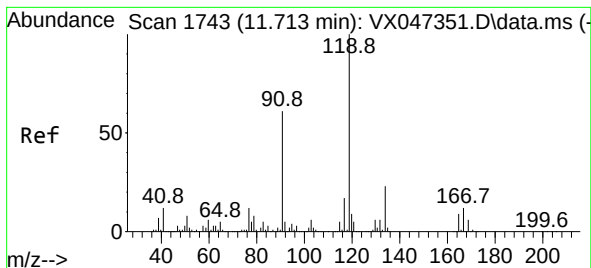


#82
4-Chlorotoluene
Concen: 150.376 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX047353.D
Acq: 15 Aug 2025 11:05



Tgt Ion: 91 Resp: 1541070
Ion Ratio Lower Upper
91 100
126 28.7 14.4 43.0





#83

tert-Butylbenzene

Concen: 156.062 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX047353.D

Acq: 15 Aug 2025 11:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion:119 Resp: 154262

Ion Ratio Lower Upper

119 100

91 59.8 29.1 87.4

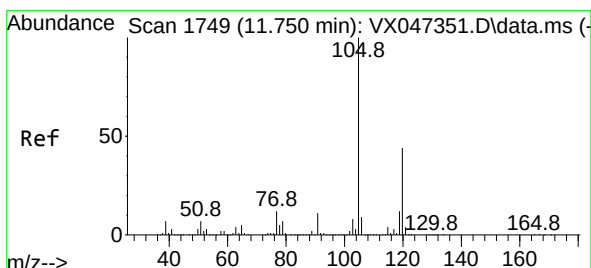
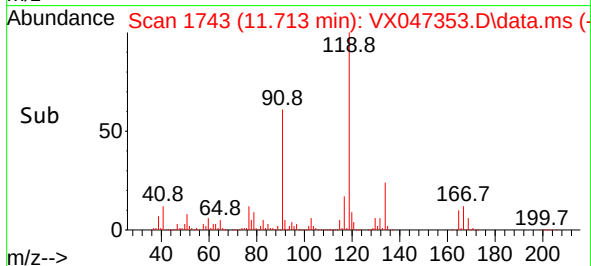
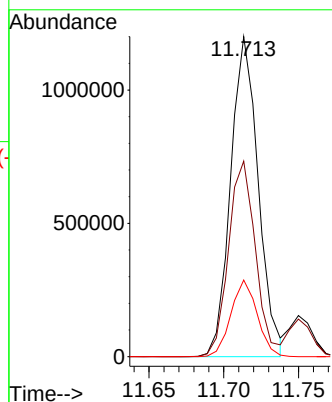
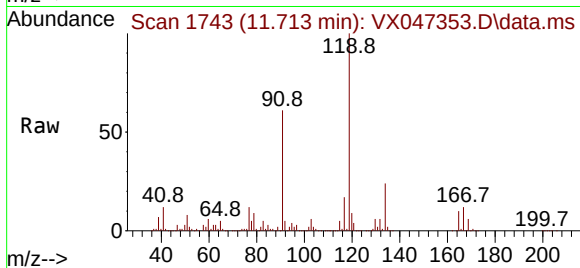
134 22.8 11.3 33.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/18/2025

Supervised By :Mahesh Dadoda 08/19/2025



#84

1,2,4-Trimethylbenzene

Concen: 154.952 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX047353.D

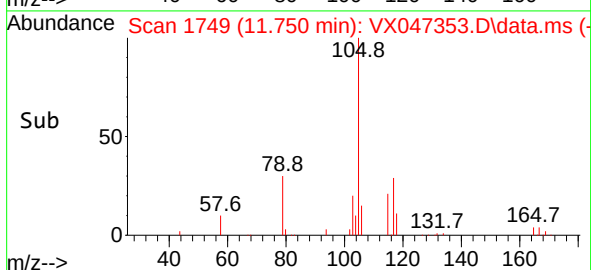
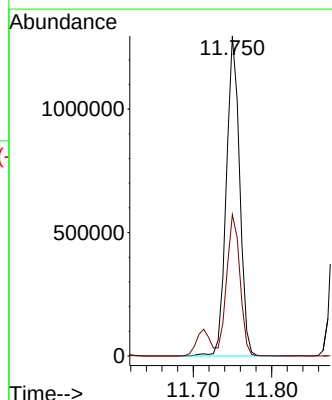
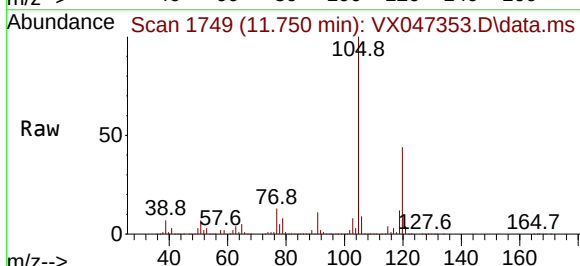
Acq: 15 Aug 2025 11:05

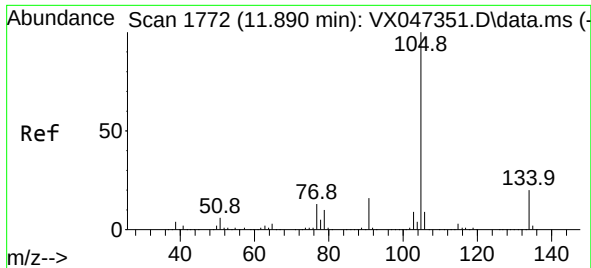
Tgt Ion:105 Resp: 1535261

Ion Ratio Lower Upper

105 100

120 44.5 21.9 65.7





#85
 sec-Butylbenzene
 Concen: 156.078 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX047353.D
 Acq: 15 Aug 2025 11:05

Instrument :

MSVOA_X

ClientSampleId :

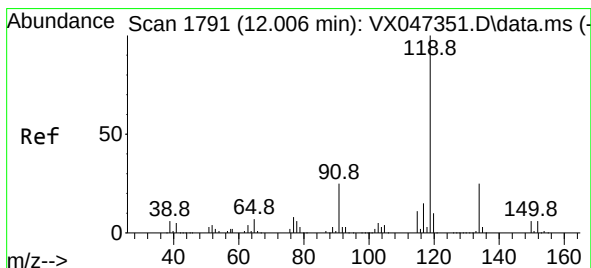
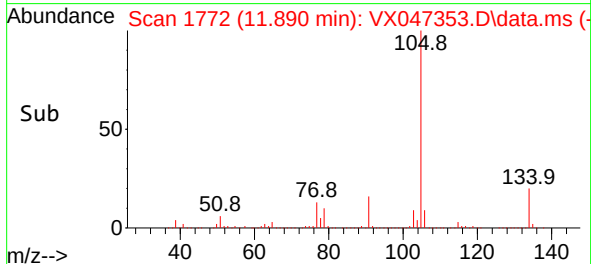
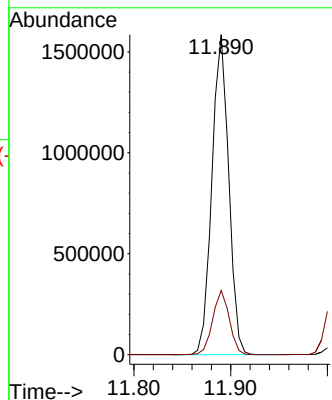
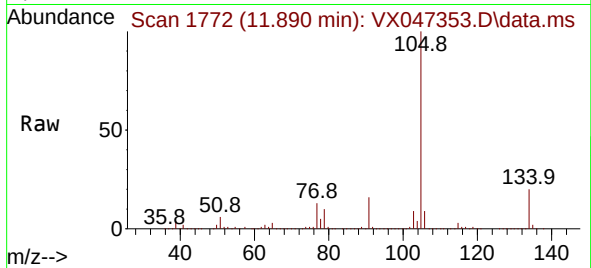
VSTDIC150

Tgt Ion:105 Resp: 1912224
 Ion Ratio Lower Upper
 105 100
 134 19.8 9.8 29.5

Manual Integrations

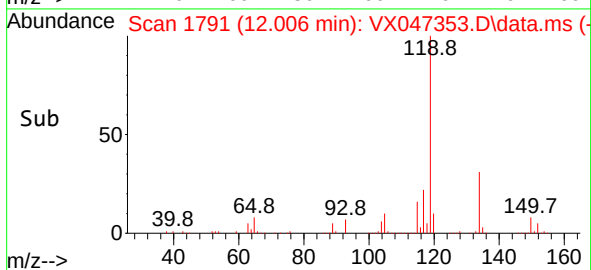
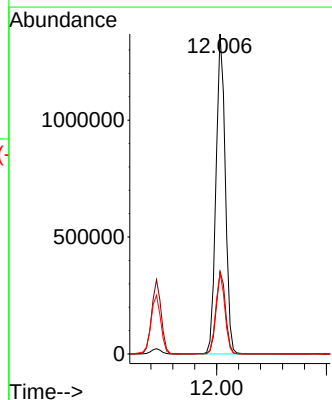
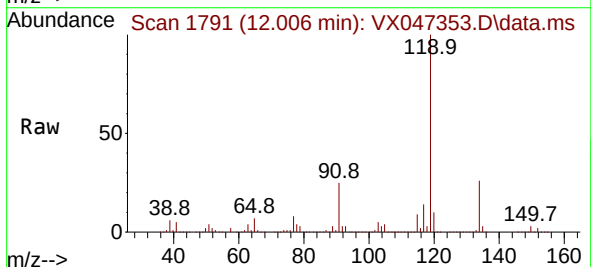
APPROVED

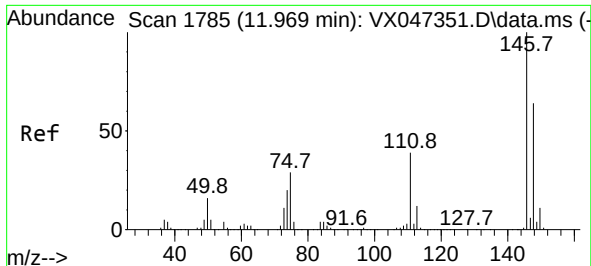
Reviewed By :John Carlone 08/18/2025
 Supervised By :Mahesh Dadoda 08/19/2025



#86
 p-Isopropyltoluene
 Concen: 154.459 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX047353.D
 Acq: 15 Aug 2025 11:05

Tgt Ion:119 Resp: 1601345
 Ion Ratio Lower Upper
 119 100
 134 25.8 12.8 38.4
 91 24.9 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 149.783 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX047353.D

Acq: 15 Aug 2025 11:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

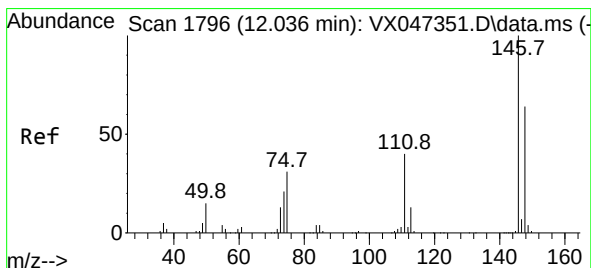
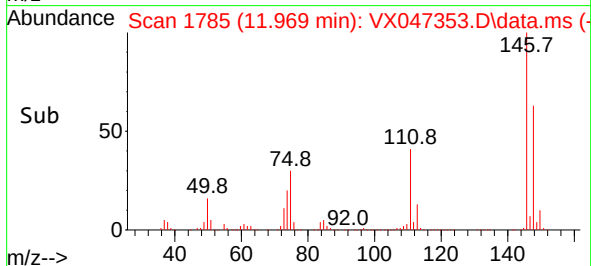
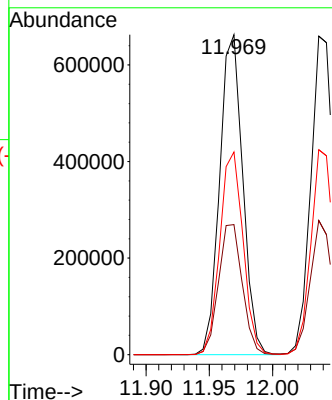
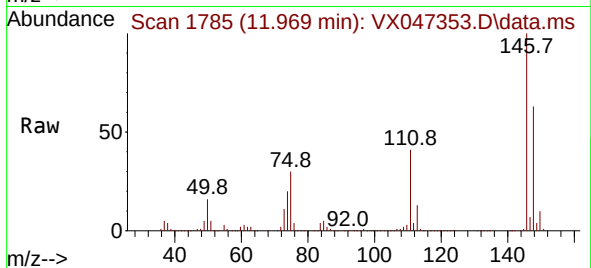
Tgt Ion:146 Resp: 841394
 Ion Ratio Lower Upper
 146 100
 111 41.9 20.6 61.8
 148 63.8 31.9 95.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/18/2025

Supervised By :Mahesh Dadoda 08/19/2025



#88

1,4-Dichlorobenzene

Concen: 144.939 ug/l

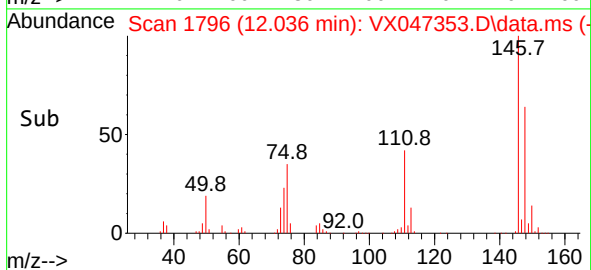
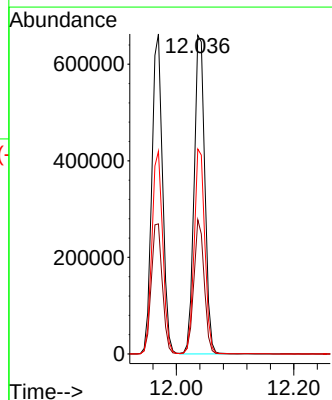
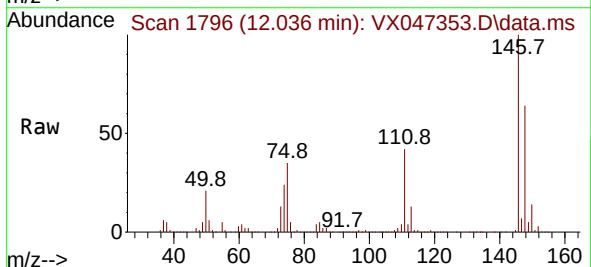
RT: 12.036 min Scan# 1796

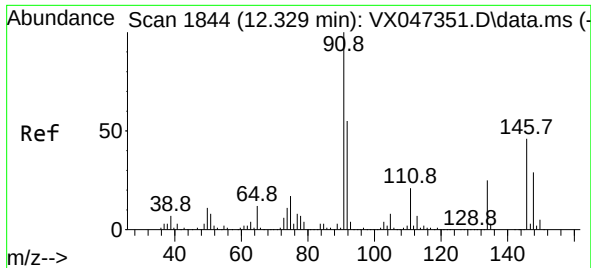
Delta R.T. 0.000 min

Lab File: VX047353.D

Acq: 15 Aug 2025 11:05

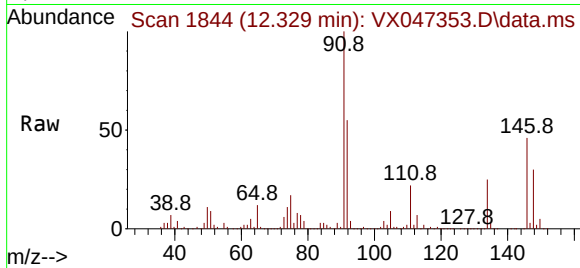
Tgt Ion:146 Resp: 837395
 Ion Ratio Lower Upper
 146 100
 111 40.6 20.4 61.2
 148 63.7 31.7 95.1





#89
n-Butylbenzene
Concen: 154.462 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX047353.D
Acq: 15 Aug 2025 11:05

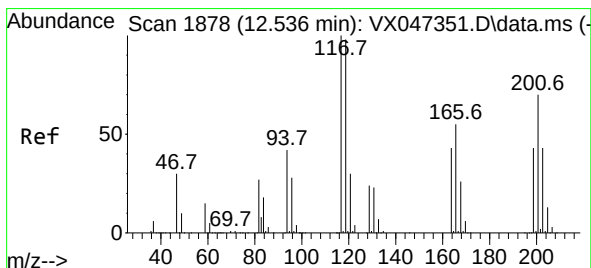
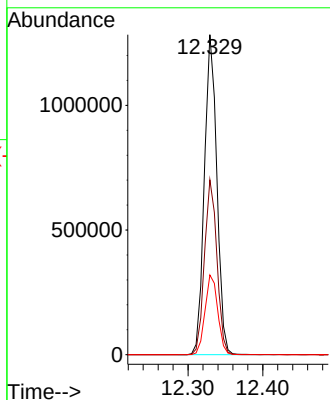
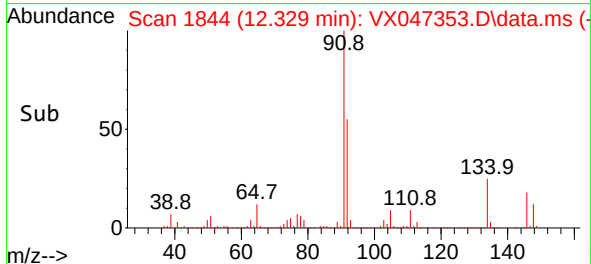
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion: 91 Resp: 148947
Ion Ratio Lower Upper
91 100
92 54.7 27.2 81.5
134 25.4 12.6 37.8

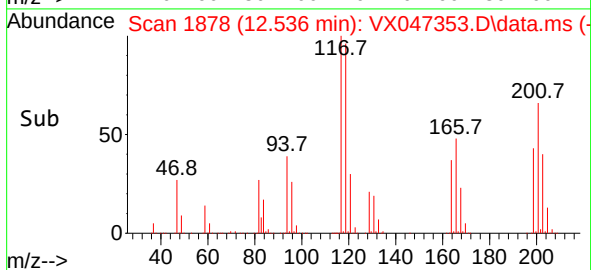
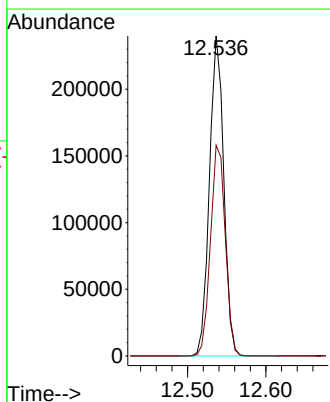
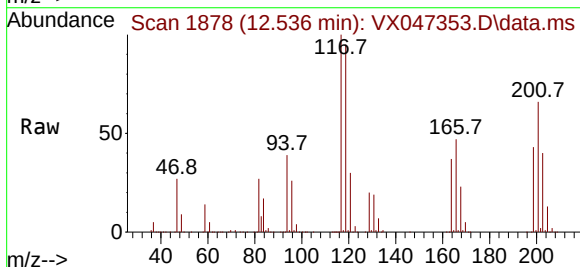
Manual Integrations
APPROVED

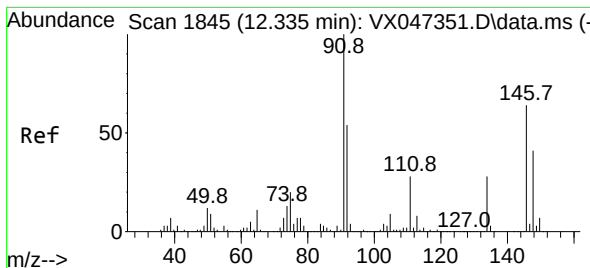
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025



#90
Hexachloroethane
Concen: 166.757 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX047353.D
Acq: 15 Aug 2025 11:05

Tgt Ion:117 Resp: 303295
Ion Ratio Lower Upper
117 100
201 68.6 35.1 105.3





#91
1,2-Dichlorobenzene
Concen: 149.701 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX047353.D
Acq: 15 Aug 2025 11:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

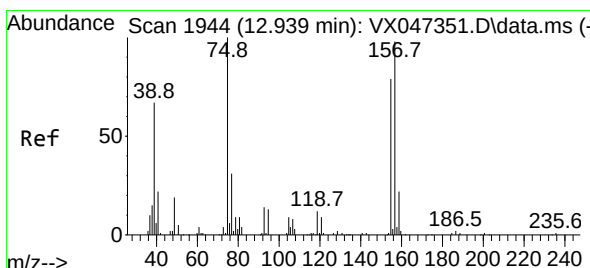
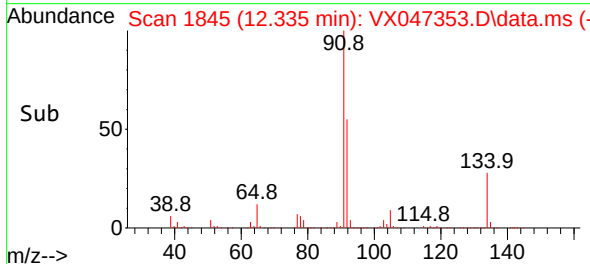
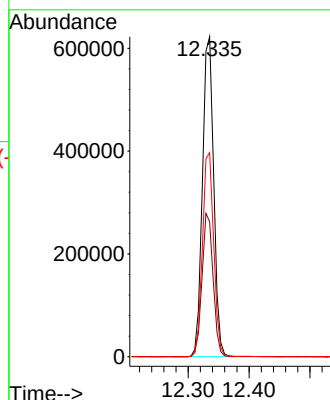
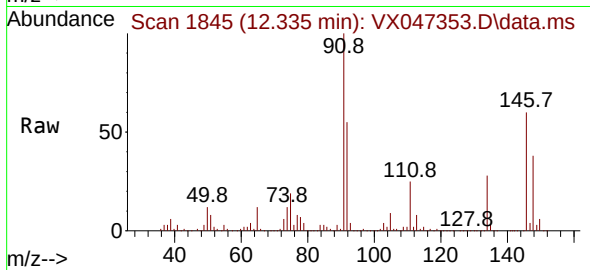
Tgt Ion:146 Resp: 798192
Ion Ratio Lower Upper
146 100
111 44.0 22.1 66.1
148 64.0 31.9 95.5

Manual Integrations

APPROVED

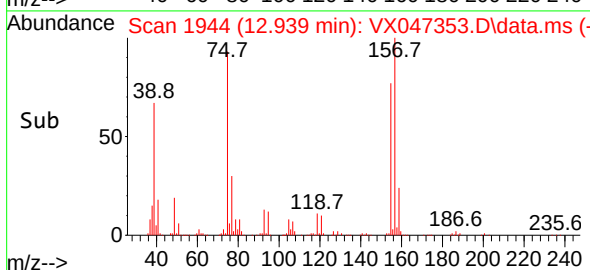
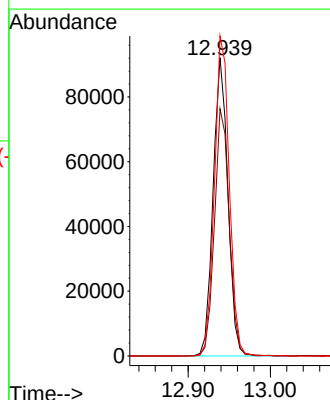
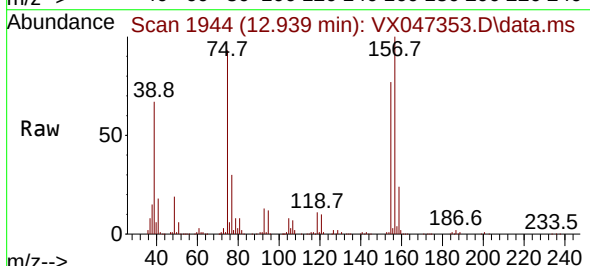
Reviewed By :John Carlone 08/18/2025

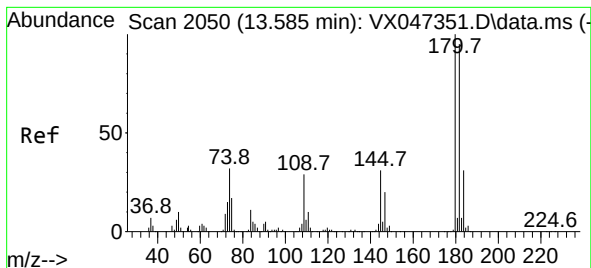
Supervised By :Mahesh Dadoda 08/19/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 168.342 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX047353.D
Acq: 15 Aug 2025 11:05

Tgt Ion: 75 Resp: 115101
Ion Ratio Lower Upper
75 100
155 82.7 41.3 123.7
157 107.8 51.5 154.5





#93

1,2,4-Trichlorobenzene

Concen: 155.453 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX047353.D

Acq: 15 Aug 2025 11:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion:180 Resp: 555658

Ion Ratio Lower Upper

180 100

182 96.1 48.1 144.4

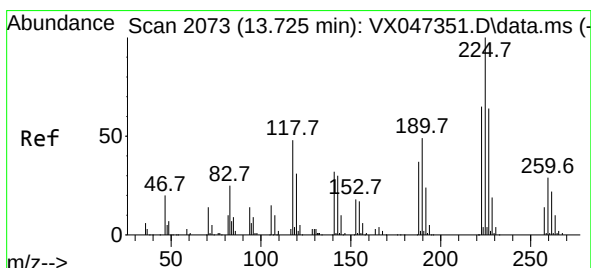
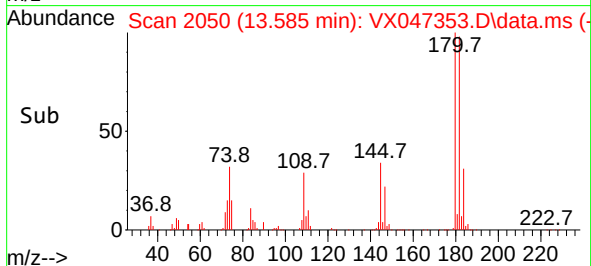
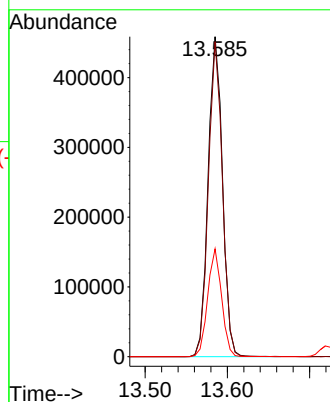
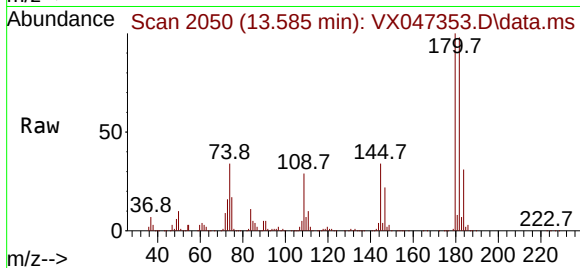
145 32.8 16.2 48.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/18/2025

Supervised By :Mahesh Dadoda 08/19/2025



#94

Hexachlorobutadiene

Concen: 139.013 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX047353.D

Acq: 15 Aug 2025 11:05

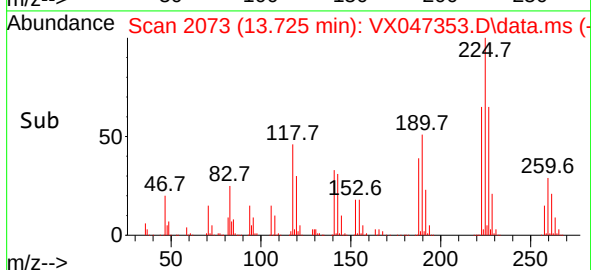
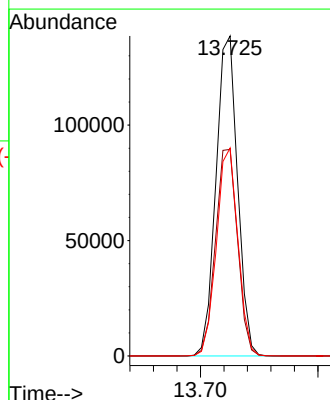
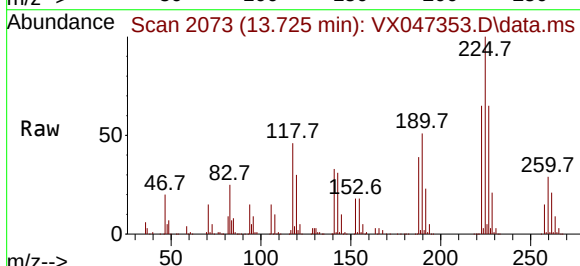
Tgt Ion:225 Resp: 176870

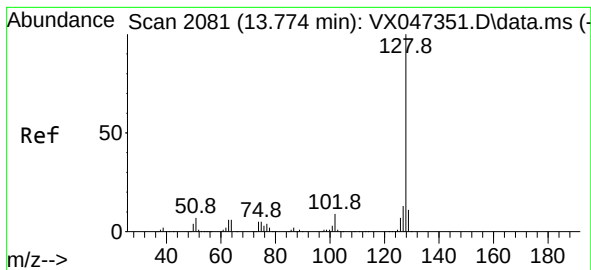
Ion Ratio Lower Upper

225 100

223 66.0 32.2 96.6

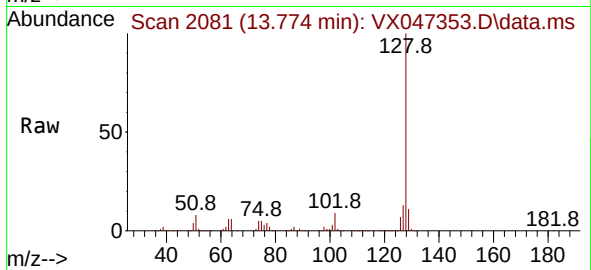
227 64.6 31.6 95.0





#95
Naphthalene
Concen: 167.959 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX047353.D
Acq: 15 Aug 2025 11:05

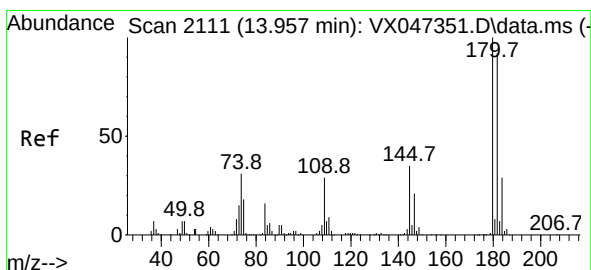
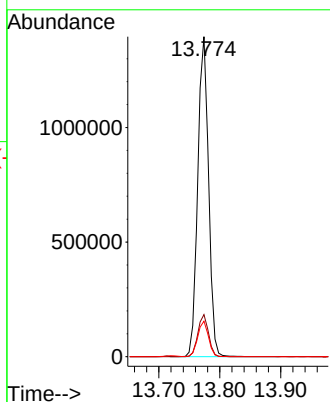
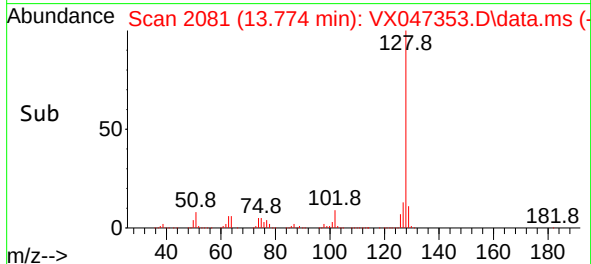
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



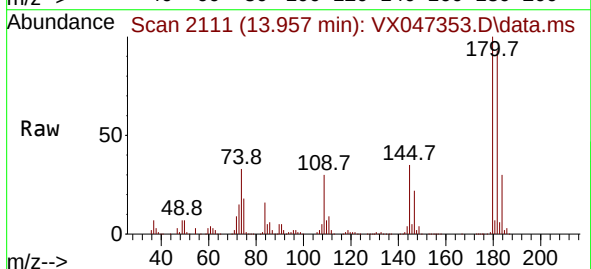
Tgt Ion:128 Resp: 171568
Ion Ratio Lower Upper
128 100
127 13.0 10.1 15.1
129 11.0 8.7 13.1

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 158.872 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. 0.000 min
Lab File: VX047353.D
Acq: 15 Aug 2025 11:05



Tgt Ion:180 Resp: 535287
Ion Ratio Lower Upper
180 100
182 94.5 48.0 144.2
145 34.4 17.4 52.2

