

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101625\
 Data File : VY023484.D
 Acq On : 16 Oct 2025 10:40
 Operator : SY/MD
 Sample : VY1016SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1016SBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/17/2025
 Supervised By : Mahesh Dadoda 10/17/2025

Quant Time: Oct 17 01:52:35 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 08 05:12:50 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	502001	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	735573	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	641486	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	331485	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	187444	44.653	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	89.300%
35) Dibromofluoromethane	7.640	113	215155	47.603	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.200%
50) Toluene-d8	10.109	98	810898	48.176	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.360%
62) 4-Bromofluorobenzene	12.408	95	252957	45.520	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	91.040%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	77746	21.516	ug/l	99
3) Chloromethane	2.074	50	100018	20.319	ug/l	98
4) Vinyl Chloride	2.208	62	135696	21.165	ug/l	98
5) Bromomethane	2.598	94	116473	21.648	ug/l	98
6) Chloroethane	2.739	64	93951	21.498	ug/l	100
7) Trichlorofluoromethane	3.062	101	181972	20.442	ug/l	98
8) Diethyl Ether	3.458	74	41950	18.034	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.818	101	99481	21.536	ug/l	99
10) Methyl Iodide	4.007	142	106817	20.771	ug/l	99
11) Tert butyl alcohol	4.854	59	22720	72.752	ug/l	98
12) 1,1-Dichloroethene	3.793	96	92958	20.759	ug/l	94
13) Acrolein	3.653	56	25844	58.566	ug/l	100
14) Allyl chloride	4.391	41	107636	19.723	ug/l	98
15) Acrylonitrile	5.061	53	77444	86.997	ug/l	98
16) Acetone	3.866	43	112086	112.157	ug/l	97
17) Carbon Disulfide	4.110	76	267278	20.854	ug/l	99
18) Methyl Acetate	4.391	43	40197	15.333	ug/l	99
19) Methyl tert-butyl Ether	5.122	73	187070	17.382	ug/l	98
20) Methylene Chloride	4.622	84	103234	19.103	ug/l	98
21) trans-1,2-Dichloroethene	5.122	96	104092	21.113	ug/l	96
22) Diisopropyl ether	6.018	45	242013	20.048	ug/l	93
23) Vinyl Acetate	5.964	43	601879	92.114	ug/l	100
24) 1,1-Dichloroethane	5.921	63	167060	20.892	ug/l	97
25) 2-Butanone	6.896	43	115674	94.810	ug/l	98
26) 2,2-Dichloropropane	6.890	77	155717	21.223	ug/l	99
27) cis-1,2-Dichloroethene	6.896	96	117287	20.595	ug/l	98
28) Bromochloromethane	7.244	49	59319	19.871	ug/l	100
29) Tetrahydrofuran	7.262	42	53146	76.816	ug/l	99
30) Chloroform	7.427	83	184929	21.049	ug/l	98
31) Cyclohexane	7.707	56	137151	19.640	ug/l	96
32) 1,1,1-Trichloroethane	7.622	97	171883	21.529	ug/l	100
36) 1,1-Dichloropropene	7.841	75	128285	21.439	ug/l	100
37) Ethyl Acetate	6.988	43	41206	17.382	ug/l	98
38) Carbon Tetrachloride	7.817	117	159005	21.915	ug/l	99
39) Methylcyclohexane	9.109	83	154442	19.823	ug/l	98
40) Benzene	8.085	78	407643	21.512	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.226	41	20734	16.172	ug/l #	69
42) 1,2-Dichloroethane	8.158	62	97227	19.894	ug/l	99
43) Isopropyl Acetate	8.201	43	79148	16.744	ug/l	99
44) Trichloroethene	8.866	130	117518	21.188	ug/l	99
45) 1,2-Dichloropropane	9.146	63	88037	21.033	ug/l	98
46) Dibromomethane	9.231	93	52495	19.834	ug/l	98
47) Bromodichloromethane	9.426	83	141006	21.154	ug/l	98
48) Methyl methacrylate	9.225	41	36085	16.250	ug/l	95
49) 1,4-Dioxane	9.231	88	9582	312.260	ug/l	95
51) 4-Methyl-2-Pentanone	9.999	43	198570	81.306	ug/l	99
52) Toluene	10.170	92	261803	21.278	ug/l	98
53) t-1,3-Dichloropropene	10.396	75	112101	19.341	ug/l	99
54) cis-1,3-Dichloropropene	9.859	75	139132	20.339	ug/l	98
55) 1,1,2-Trichloroethane	10.573	97	70357	19.768	ug/l	98
56) Ethyl methacrylate	10.438	69	69658	16.967	ug/l	99
57) 1,3-Dichloropropane	10.719	76	110437	19.582	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	158166	86.000	ug/l	99
59) 2-Hexanone	10.762	43	158050	90.555	ug/l	98
60) Dibromochloromethane	10.914	129	100851	20.211	ug/l	99
61) 1,2-Dibromoethane	11.018	107	64651	19.047	ug/l	99
64) Tetrachloroethene	10.646	164	141537	21.369	ug/l	99
65) Chlorobenzene	11.444	112	293996	21.072	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.517	131	104738	21.066	ug/l	99
67) Ethyl Benzene	11.517	91	469868	20.805	ug/l	99
68) m/p-Xylenes	11.627	106	390697	43.131	ug/l	100
69) o-Xylene	11.956	106	174249	20.508	ug/l	100
70) Styrene	11.969	104	294821	21.101	ug/l	100
71) Bromoform	12.133	173	60086	19.483	ug/l #	97
73) Isopropylbenzene	12.255	105	456938	20.917	ug/l	99
74) N-amyl acetate	12.072	43	63447	16.170	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.505	83	66295	18.555	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	50031m	17.107	ug/l	
77) Bromobenzene	12.529	156	117334	20.204	ug/l	100
78) n-propylbenzene	12.597	91	544694	21.547	ug/l	100
79) 2-Chlorotoluene	12.676	91	312601	21.117	ug/l	100
80) 1,3,5-Trimethylbenzene	12.737	105	383296	21.713	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.304	75	21112	17.702	ug/l	99
82) 4-Chlorotoluene	12.779	91	328432	21.542	ug/l	100
83) tert-Butylbenzene	12.993	119	342195	20.995	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	377464	21.426	ug/l	100
85) sec-Butylbenzene	13.176	105	504426	21.575	ug/l	100
86) p-Isopropyltoluene	13.292	119	426494	21.425	ug/l	100
87) 1,3-Dichlorobenzene	13.285	146	237457	20.997	ug/l	100
88) 1,4-Dichlorobenzene	13.365	146	234494	20.994	ug/l	100
89) n-Butylbenzene	13.615	91	364346	21.005	ug/l	99
90) Hexachloroethane	13.877	117	93382	21.810	ug/l	98
91) 1,2-Dichlorobenzene	13.657	146	203490	20.523	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.273	75	9999	17.056	ug/l	99
93) 1,2,4-Trichlorobenzene	14.919	180	113073	18.293	ug/l	98
94) Hexachlorobutadiene	15.023	225	81302	21.100	ug/l	99
95) Naphthalene	15.145	128	148689	15.106	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	95795	17.892	ug/l	99

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MSVOA_Y
ClientSampleId :
VY1016SBSD01

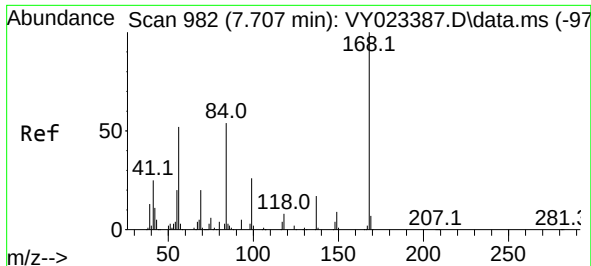
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 10/17/2025

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Quant Title : SW846 8260
QLast Update : Wed Oct 08 05:12:50 2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



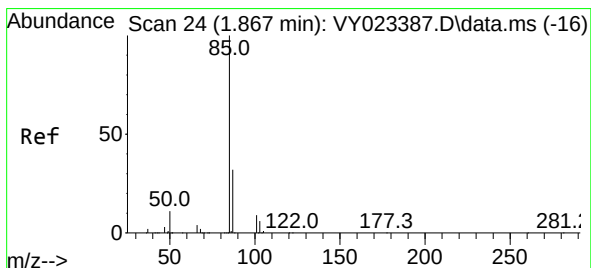
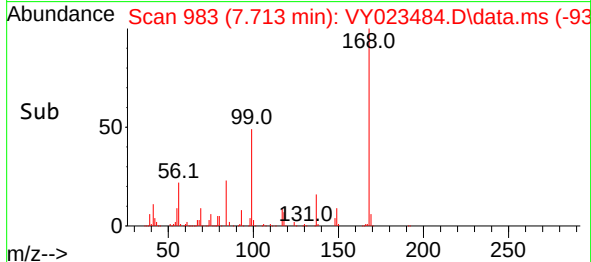
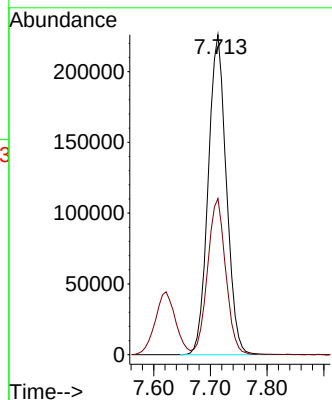
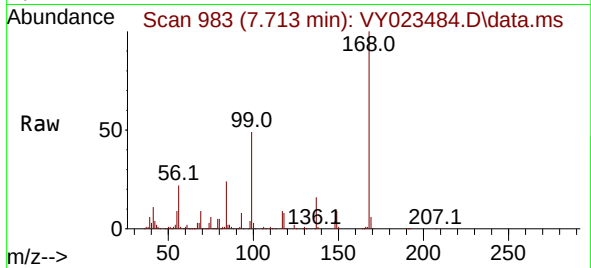
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY023484.D
Acq: 16 Oct 2025 10:40

Instrument :
MSVOA_Y
ClientSampleId :
VY1016SBS01

Tgt Ion:168 Resp: 50200
Ion Ratio Lower Upper
168 100
99 48.7 39.7 59.5

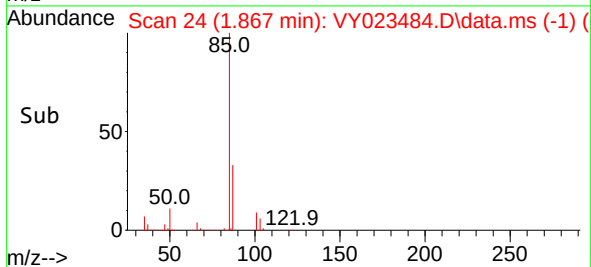
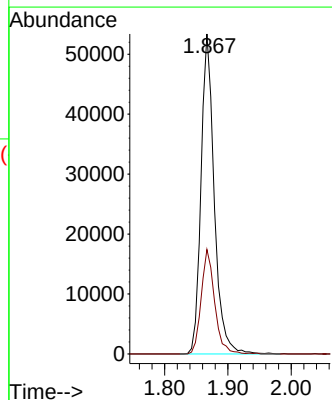
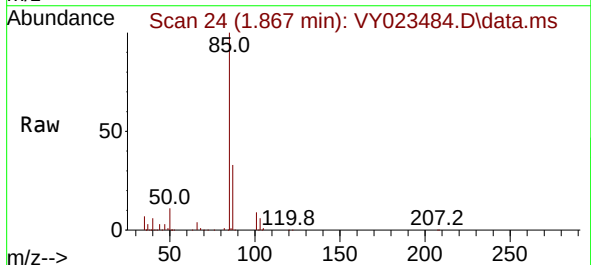
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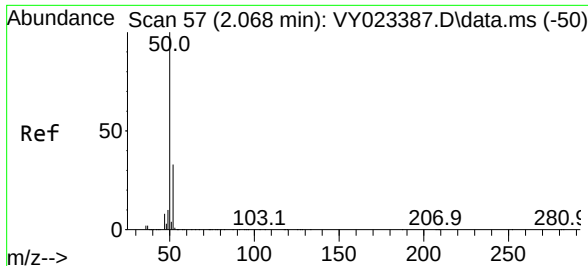
Reviewed By :John Carlone 10/17/2025
Supervised By :Mahesh Dadoda 10/17/2025



#2
Dichlorodifluoromethane
Concen: 21.516 ug/l
RT: 1.867 min Scan# 24
Delta R.T. -0.000 min
Lab File: VY023484.D
Acq: 16 Oct 2025 10:40

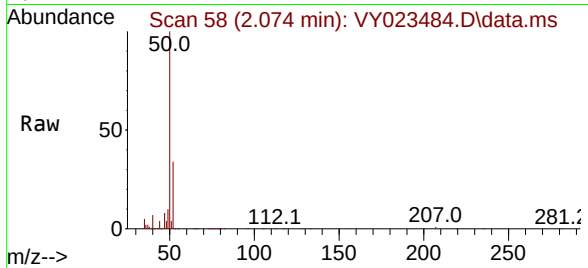
Tgt Ion: 85 Resp: 77746
Ion Ratio Lower Upper
85 100
87 32.7 16.0 47.9





#3
Chloromethane
Concen: 20.319 ug/l
RT: 2.074 min Scan# 50
Delta R.T. 0.006 min
Lab File: VY023484.D
Acq: 16 Oct 2025 10:40

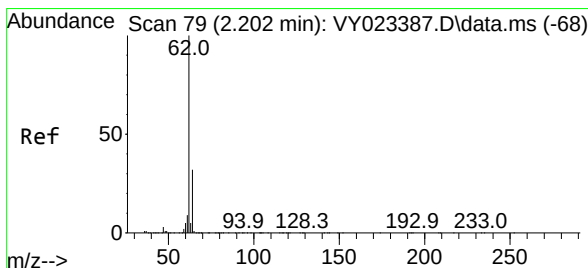
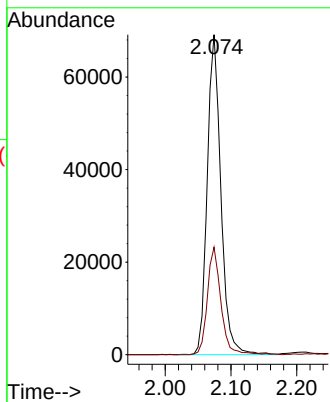
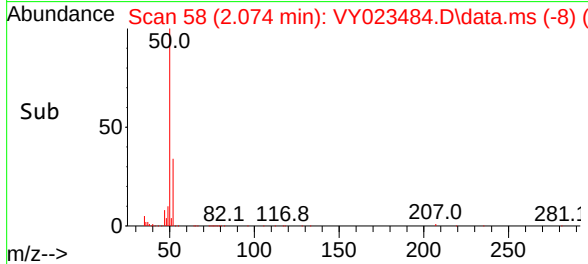
Instrument :
MSVOA_Y
ClientSampleId :
VY1016SBSD01



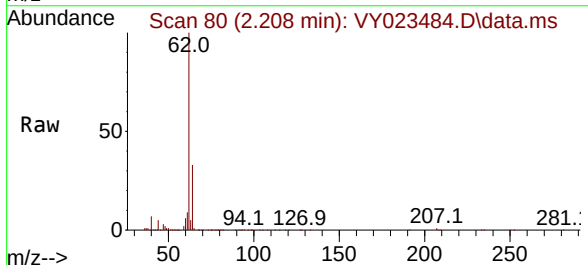
Tgt Ion: 50 Resp: 100018
Ion Ratio Lower Upper
50 100
52 33.6 26.2 39.2

Manual Integrations
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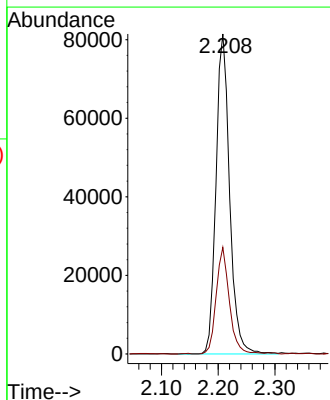
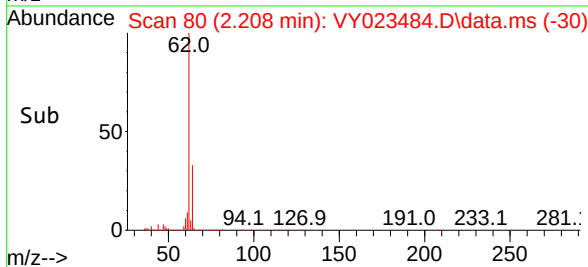
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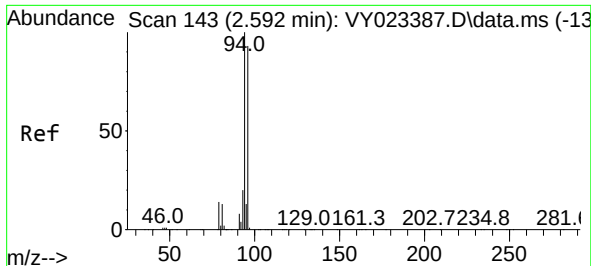


#4
Vinyl Chloride
Concen: 21.165 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.006 min
Lab File: VY023484.D
Acq: 16 Oct 2025 10:40



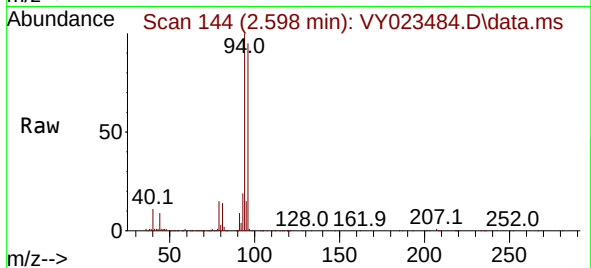
Tgt Ion: 62 Resp: 135696
Ion Ratio Lower Upper
62 100
64 33.3 25.8 38.8





#5
Bromomethane
Concen: 21.648 ug/l
RT: 2.598 min Scan# 143
Delta R.T. 0.006 min
Lab File: VY023484.D
Acq: 16 Oct 2025 10:40

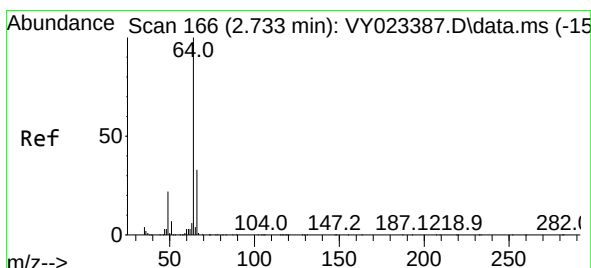
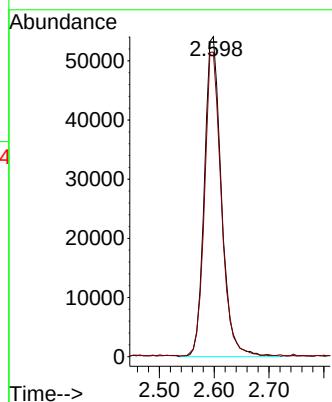
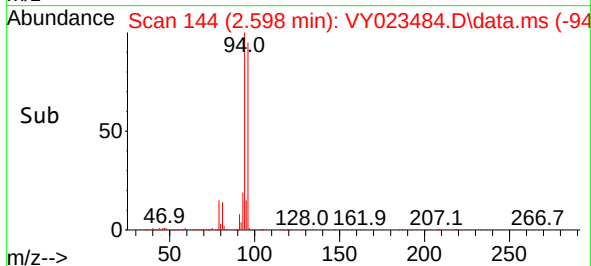
Instrument :
MSVOA_Y
ClientSampleId :
VY1016SBSD01



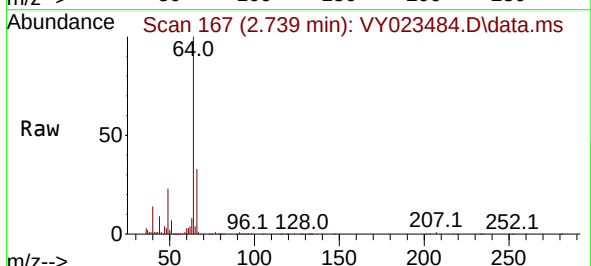
Tgt Ion: 94 Resp: 116473
Ion Ratio Lower Upper
94 100
96 95.0 74.5 111.7

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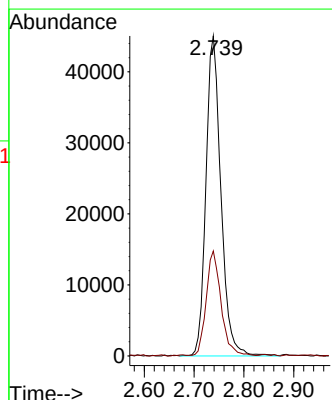
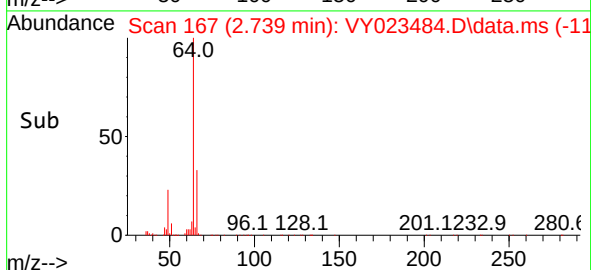
Reviewed By :John Carlone 10/17/2025
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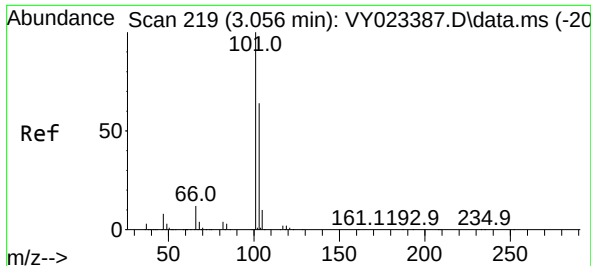


#6
Chloroethane
Concen: 21.498 ug/l
RT: 2.739 min Scan# 167
Delta R.T. 0.006 min
Lab File: VY023484.D
Acq: 16 Oct 2025 10:40



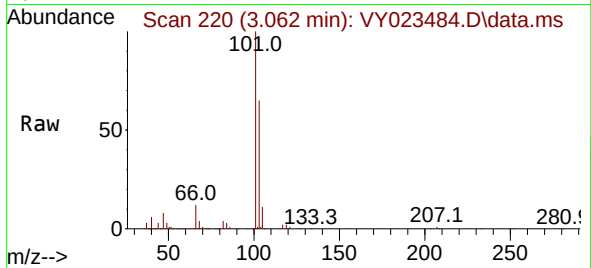
Tgt Ion: 64 Resp: 93951
Ion Ratio Lower Upper
64 100
66 32.8 26.2 39.4





#7
Trichlorofluoromethane
Concen: 20.442 ug/l
RT: 3.062 min Scan# 219
Delta R.T. 0.006 min
Lab File: VY023484.D
Acq: 16 Oct 2025 10:40

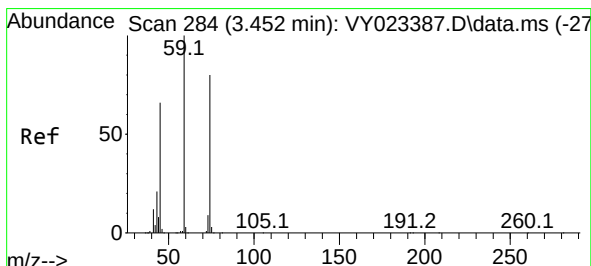
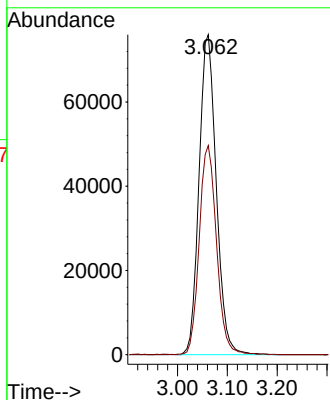
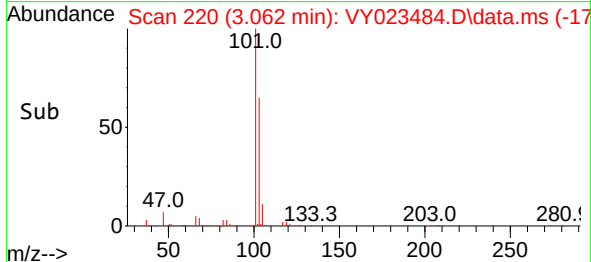
Instrument :
MSVOA_Y
ClientSampleId :
VY1016SBS01



Tgt Ion:101 Resp: 181972
Ion Ratio Lower Upper
101 100
103 65.3 51.3 76.9

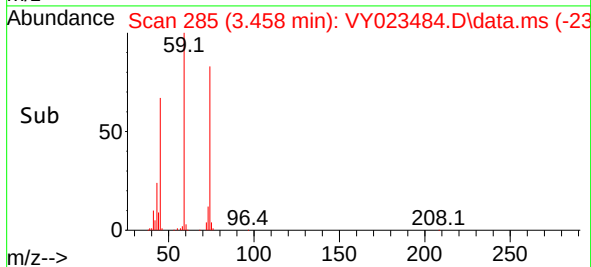
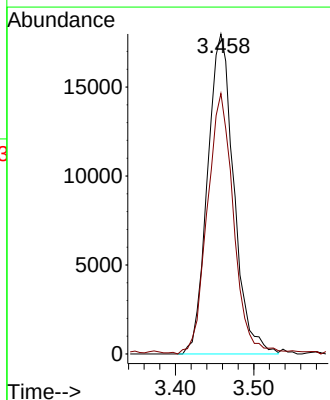
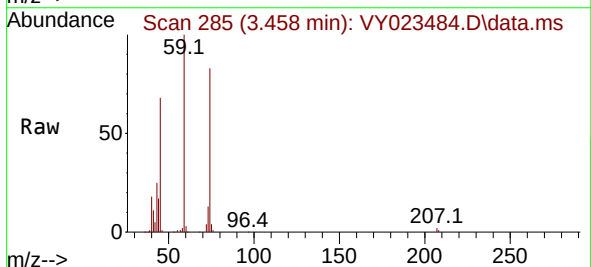
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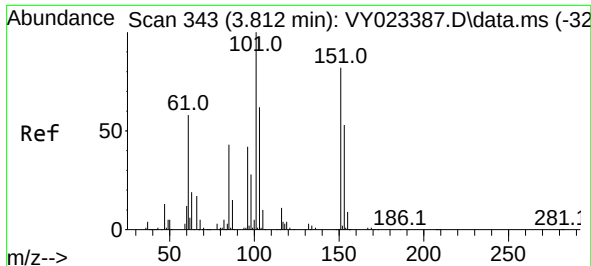
Reviewed By :John Carlone 10/17/2025
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#8
Diethyl Ether
Concen: 18.034 ug/l
RT: 3.458 min Scan# 285
Delta R.T. 0.006 min
Lab File: VY023484.D
Acq: 16 Oct 2025 10:40

Tgt Ion: 74 Resp: 41950
Ion Ratio Lower Upper
74 100
45 80.1 39.9 119.7





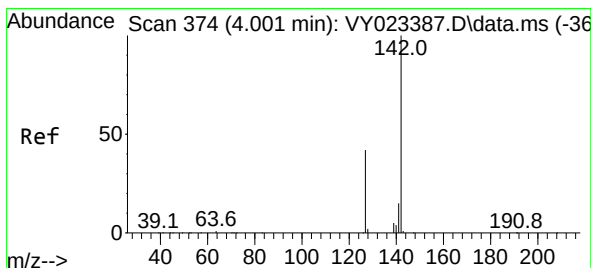
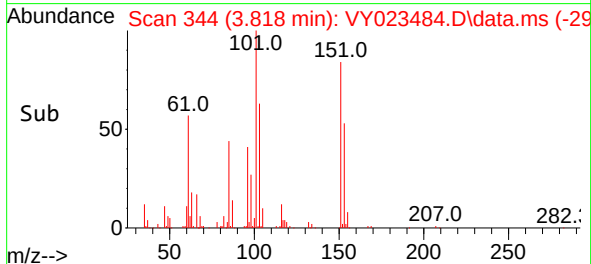
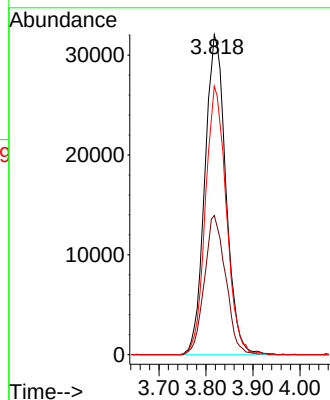
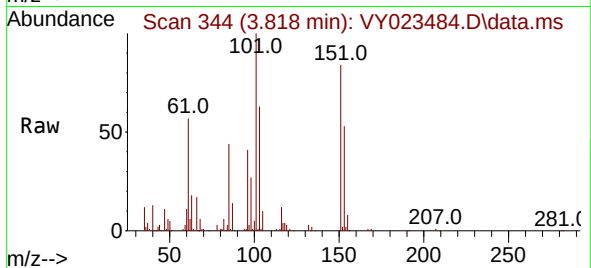
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1,1,2-Trichlorotrifluoroethane
Concen: 21.536 ug/l
RT: 3.818 min Scan# 343
Delta R.T. 0.006 min
Lab File: VY023484.D
Acq: 16 Oct 2025 10:40

Instrument :
MSVOA_Y
ClientSampleId :
VY1016SBSD01

Tgt Ion:101 Resp: 9948
Ion Ratio Lower Upper
101 100
85 44.0 34.6 51.8
151 83.2 67.0 100.6

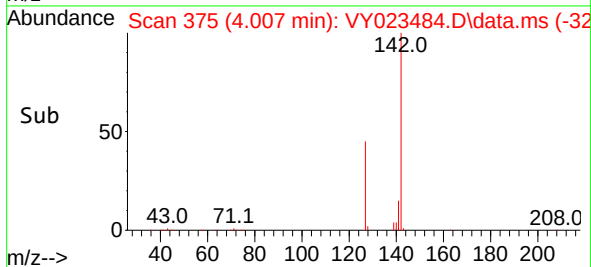
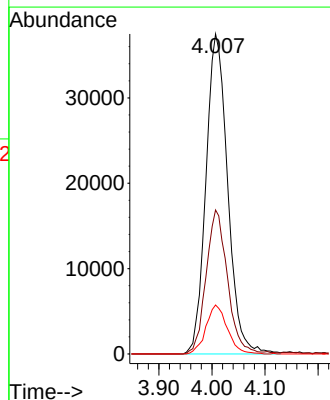
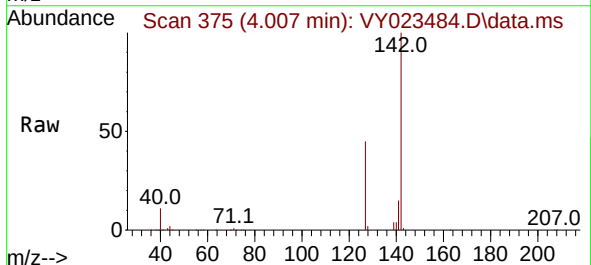
Manual Integrations
APPROVED

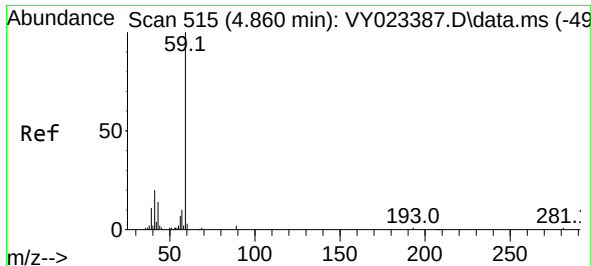
Reviewed By :John Carlone 10/17/2025
Supervised By :Mahesh Dadoda 10/17/2025



#10
Methyl Iodide
Concen: 20.771 ug/l
RT: 4.007 min Scan# 375
Delta R.T. 0.006 min
Lab File: VY023484.D
Acq: 16 Oct 2025 10:40

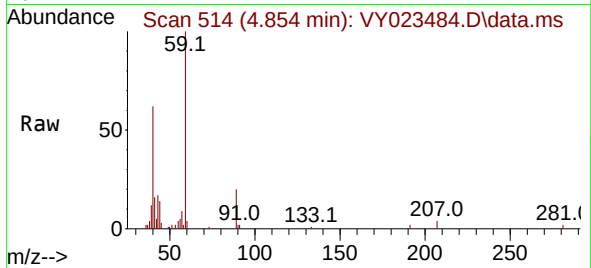
Tgt Ion:142 Resp: 106817
Ion Ratio Lower Upper
142 100
127 44.4 34.8 52.2
141 15.0 11.6 17.4





#11
Tert butyl alcohol
Concen: 72.752 ug/l
RT: 4.854 min Scan# 515
Delta R.T. -0.006 min
Lab File: VY023484.D
Acq: 16 Oct 2025 10:40

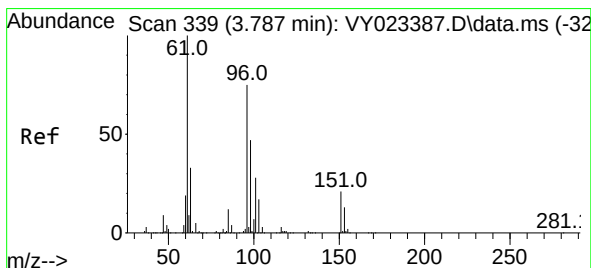
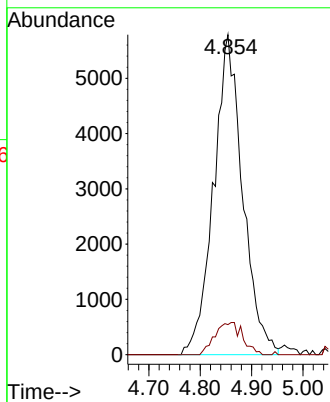
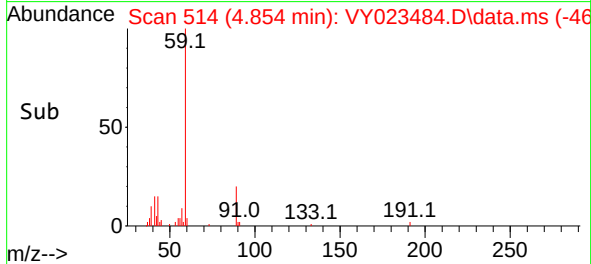
Instrument :
MSVOA_Y
ClientSampleId :
VY1016SBSD01



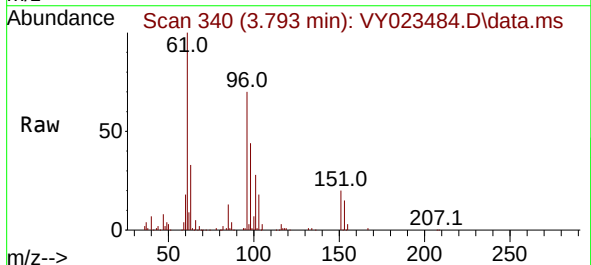
Tgt Ion: 59 Resp: 22720
Ion Ratio Lower Upper
59 100
57 9.6 8.3 12.5

Manual Integrations
APPROVED

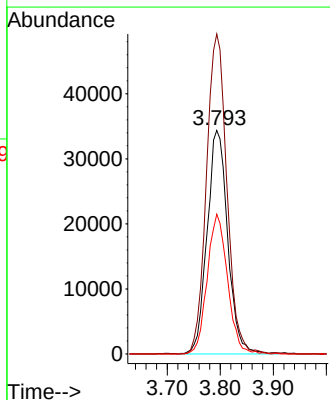
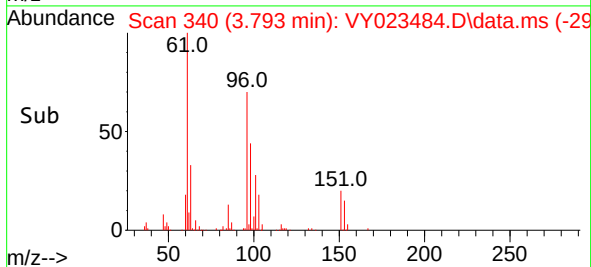
Reviewed By :John Carlone 10/17/2025
Supervised By :Mahesh Dadoda 10/17/2025

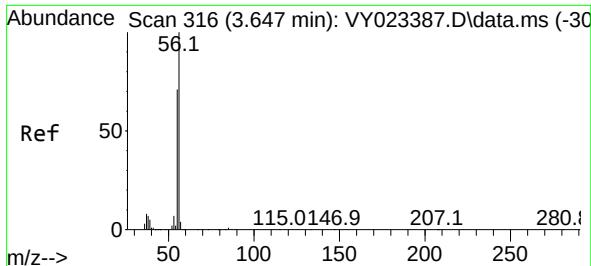


#12
1,1-Dichloroethene
Concen: 20.759 ug/l
RT: 3.793 min Scan# 340
Delta R.T. 0.006 min
Lab File: VY023484.D
Acq: 16 Oct 2025 10:40



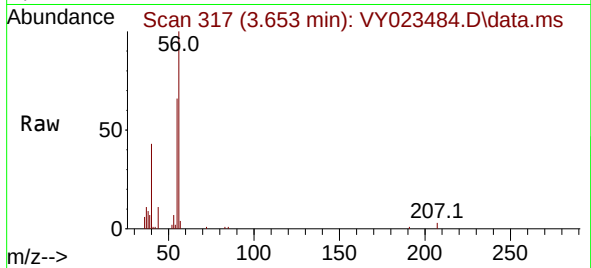
Tgt Ion: 96 Resp: 92958
Ion Ratio Lower Upper
96 100
61 143.1 106.7 160.1
98 62.5 50.2 75.4





#13
Acrolein
Concen: 58.566 ug/l
RT: 3.653 min Scan# 316
Delta R.T. 0.006 min
Lab File: VY023484.D
Acq: 16 Oct 2025 10:40

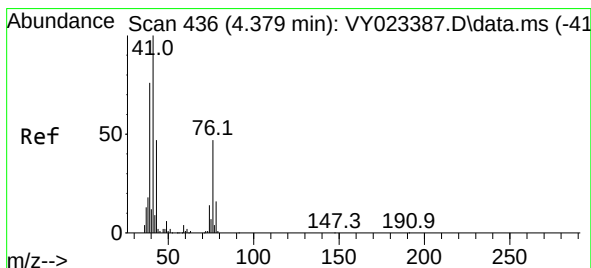
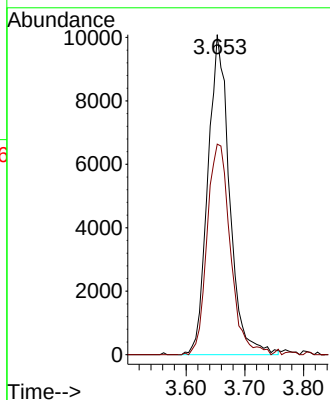
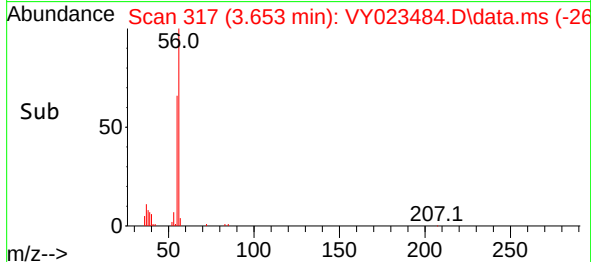
Instrument :
MSVOA_Y
ClientSampleId :
VY1016SBSD01



Tgt Ion: 56 Resp: 25844
Ion Ratio Lower Upper
56 100
55 70.4 56.1 84.1

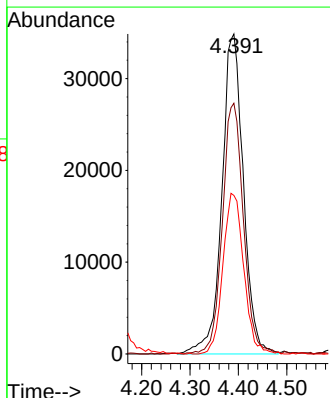
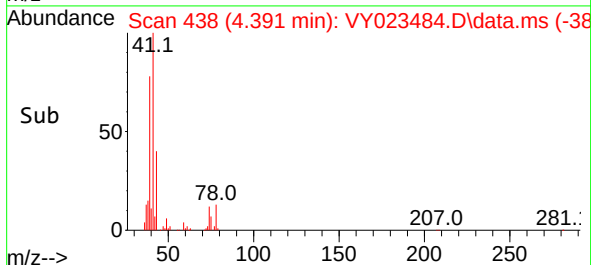
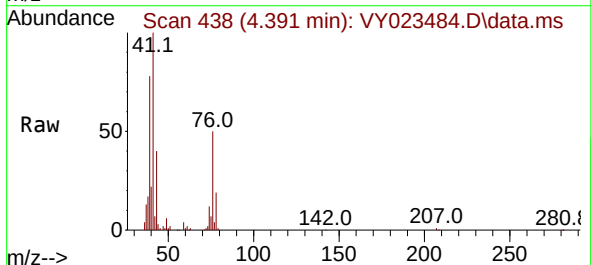
Manual Integrations
APPROVED

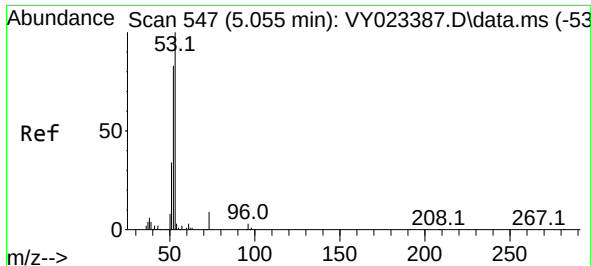
Reviewed By :John Carlone 10/17/2025
Supervised By :Mahesh Dadoda 10/17/2025



#14
Allyl chloride
Concen: 19.723 ug/l
RT: 4.391 min Scan# 438
Delta R.T. 0.012 min
Lab File: VY023484.D
Acq: 16 Oct 2025 10:40

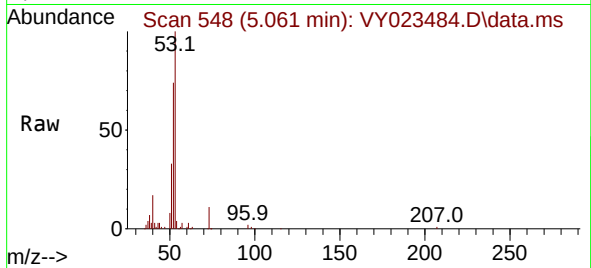
Tgt Ion: 41 Resp: 107636
Ion Ratio Lower Upper
41 100
39 76.8 59.9 89.9
76 48.6 38.0 57.0





#15
Acrylonitrile
Concen: 86.997 ug/l
RT: 5.061 min Scan# 54
Delta R.T. 0.006 min
Lab File: VY023484.D
Acq: 16 Oct 2025 10:40

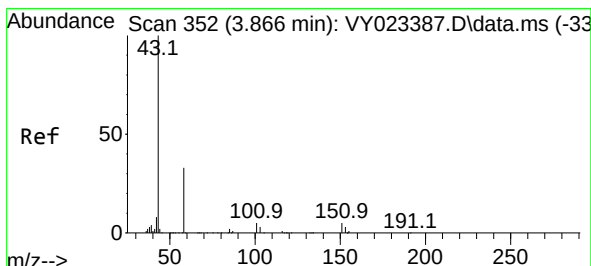
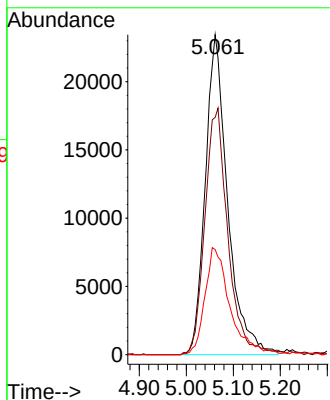
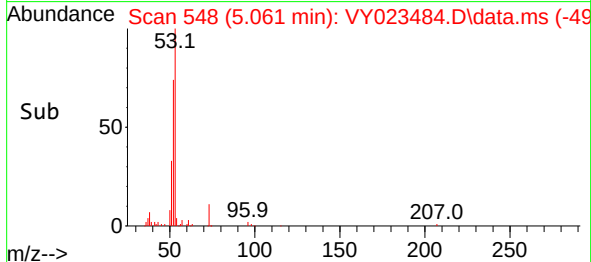
Instrument :
MSVOA_Y
ClientSampleId :
VY1016SBSD01



Tgt Ion: 53 Resp: 7744
Ion Ratio Lower Upper
53 100
52 78.8 64.6 97.0
51 37.4 29.5 44.3

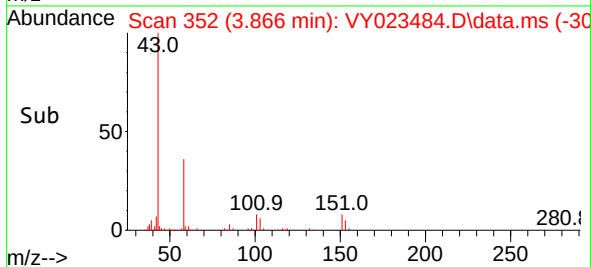
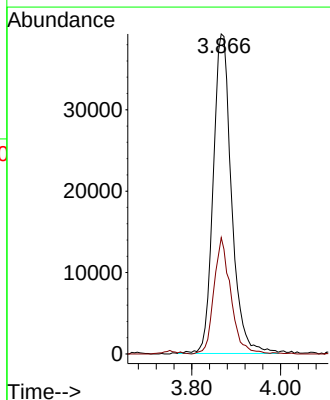
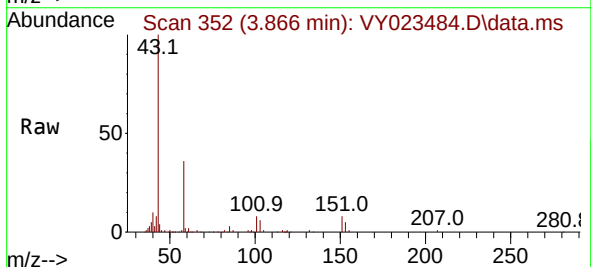
Manual Integrations
APPROVED

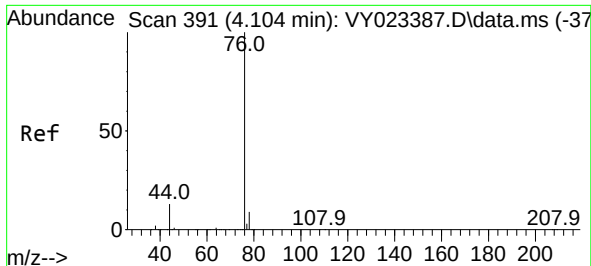
Reviewed By :John Carlone 10/17/2025
Supervised By :Mahesh Dadoda 10/17/2025



#16
Acetone
Concen: 112.157 ug/l
RT: 3.866 min Scan# 352
Delta R.T. -0.000 min
Lab File: VY023484.D
Acq: 16 Oct 2025 10:40

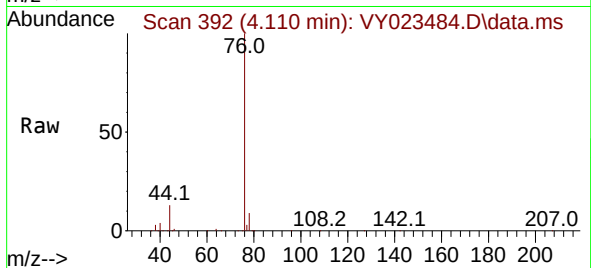
Tgt Ion: 43 Resp: 112086
Ion Ratio Lower Upper
43 100
58 36.2 27.7 41.5





#17
Carbon Disulfide
Concen: 20.854 ug/l
RT: 4.110 min Scan# 391
Delta R.T. 0.006 min
Lab File: VY023484.D
Acq: 16 Oct 2025 10:40

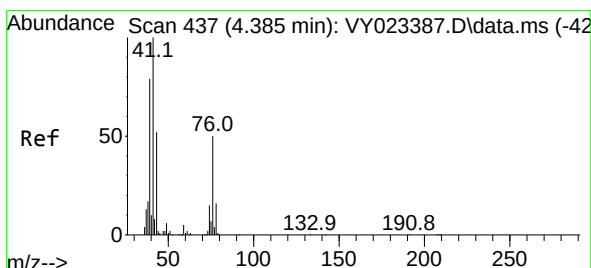
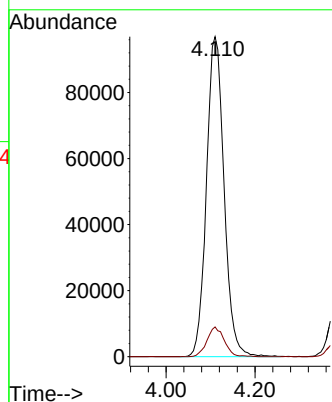
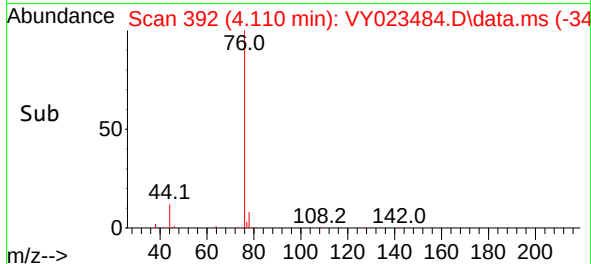
Instrument :
MSVOA_Y
ClientSampleId :
VY1016SBSD01



Tgt Ion: 76 Resp: 267278
Ion Ratio Lower Upper
76 100
78 9.3 7.3 10.9

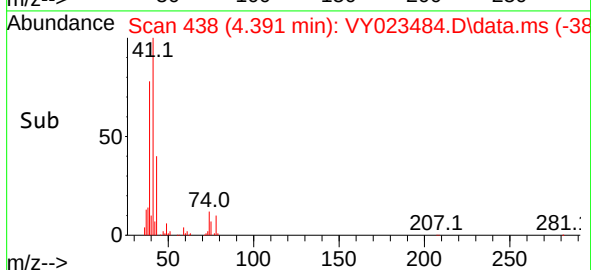
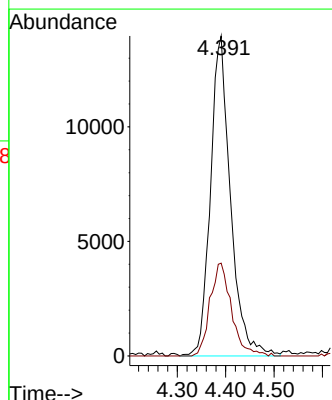
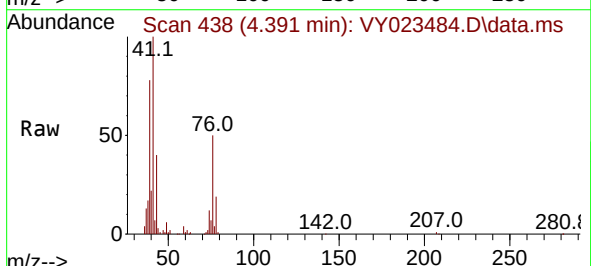
Manual Integrations
APPROVED

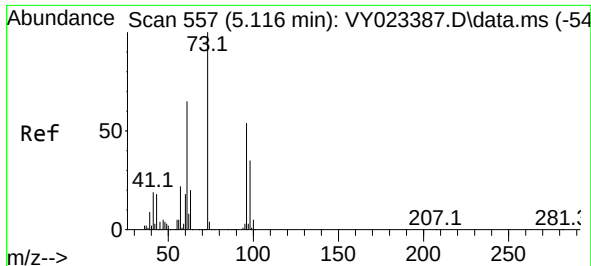
Reviewed By :John Carlone 10/17/2025
Supervised By :Mahesh Dadoda 10/17/2025



#18
Methyl Acetate
Concen: 15.333 ug/l
RT: 4.391 min Scan# 438
Delta R.T. 0.006 min
Lab File: VY023484.D
Acq: 16 Oct 2025 10:40

Tgt Ion: 43 Resp: 40197
Ion Ratio Lower Upper
43 100
74 30.9 24.2 36.4





#19

Methyl tert-butyl Ether

Concen: 17.382 ug/l

RT: 5.122 min Scan# 51

Delta R.T. 0.006 min

Lab File: VY023484.D

Acq: 16 Oct 2025 10:40

Instrument :

MSVOA_Y

ClientSampleId :

VY1016SBSD01

Tgt Ion: 73 Resp: 187070

Ion Ratio Lower Upper

73 100

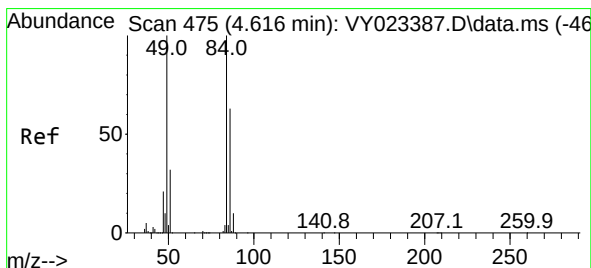
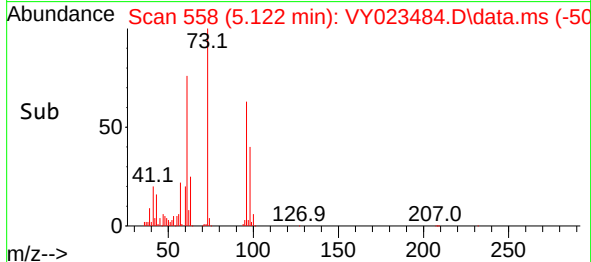
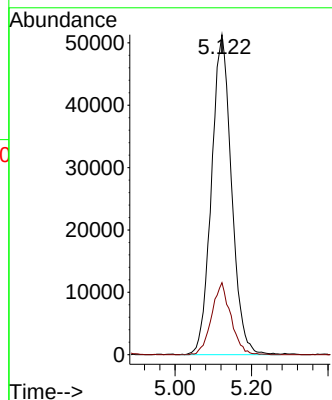
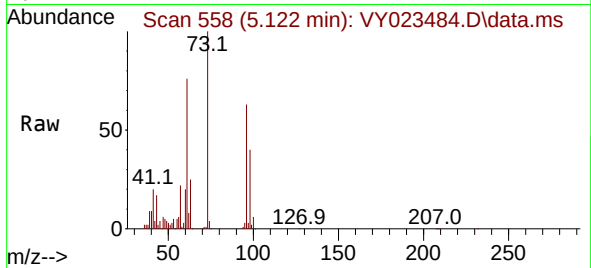
57 22.5 17.4 26.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/17/2025

Supervised By :Mahesh Dadoda 10/17/2025



#20

Methylene Chloride

Concen: 19.103 ug/l

RT: 4.622 min Scan# 476

Delta R.T. 0.006 min

Lab File: VY023484.D

Acq: 16 Oct 2025 10:40

Tgt Ion: 84 Resp: 103234

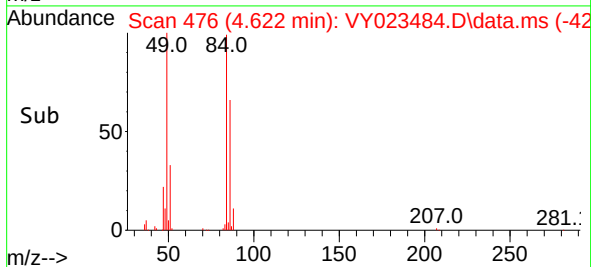
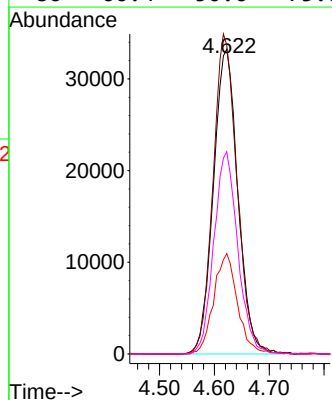
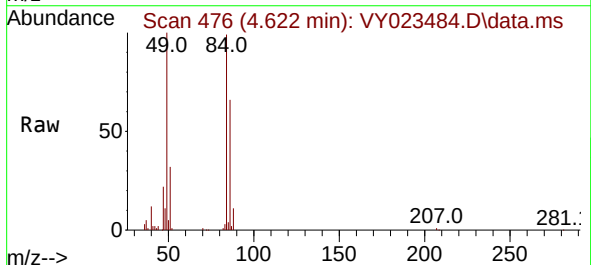
Ion Ratio Lower Upper

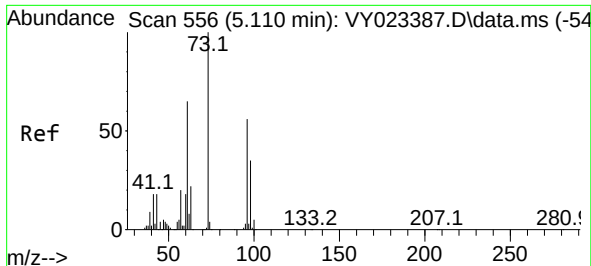
84 100

49 101.3 80.2 120.4

51 32.9 25.9 38.9

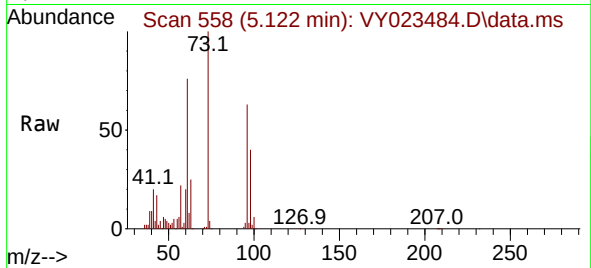
86 66.4 50.6 75.8





#21
trans-1,2-Dichloroethene
Concen: 21.113 ug/l
RT: 5.122 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY023484.D
Acq: 16 Oct 2025 10:40

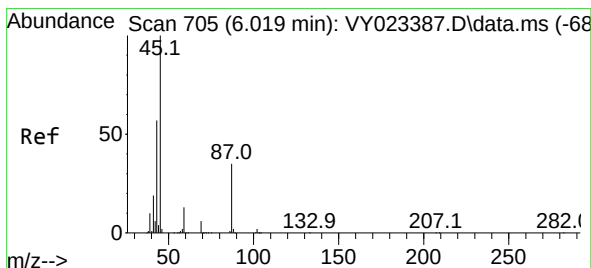
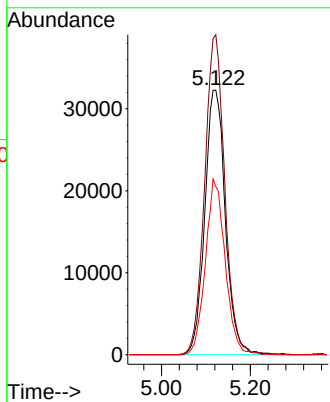
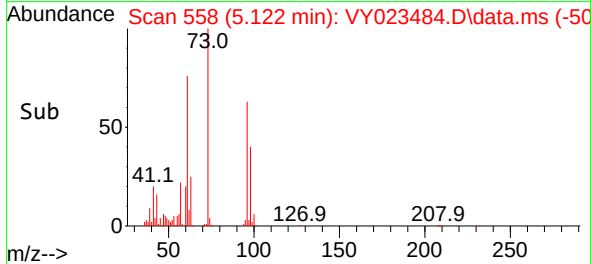
Instrument :
MSVOA_Y
ClientSampleId :
VY1016SBSD01



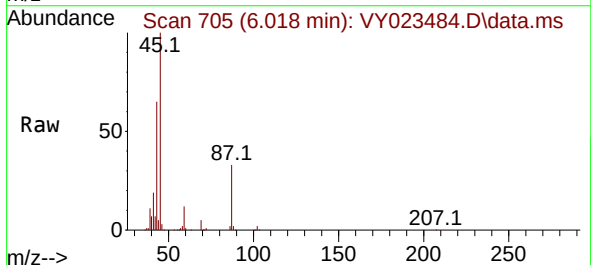
Tgt Ion: 96 Resp: 104092
Ion Ratio Lower Upper
96 100
61 120.9 92.7 139.1
98 63.5 49.7 74.5

Manual Integrations
APPROVED

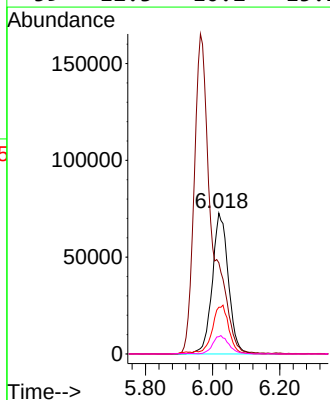
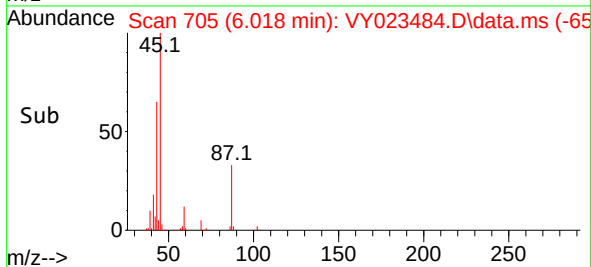
Reviewed By :John Carlone 10/17/2025
Supervised By :Mahesh Dadoda 10/17/2025

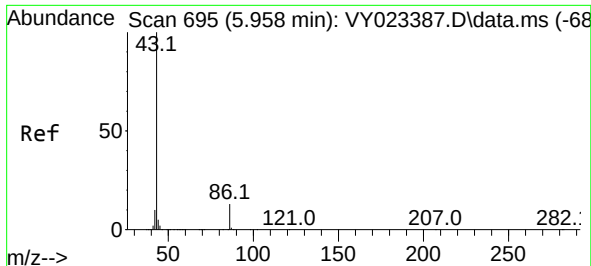


#22
Diisopropyl ether
Concen: 20.048 ug/l
RT: 6.018 min Scan# 705
Delta R.T. -0.000 min
Lab File: VY023484.D
Acq: 16 Oct 2025 10:40



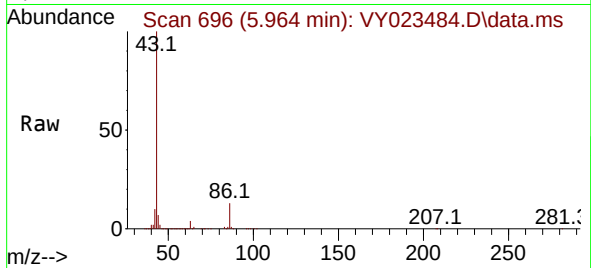
Tgt Ion: 45 Resp: 242013
Ion Ratio Lower Upper
45 100
43 64.6 45.6 68.4
87 33.1 28.1 42.1
59 12.3 10.2 15.2





#23
 Vinyl Acetate
 Concen: 92.114 ug/l
 RT: 5.964 min Scan# 696
 Delta R.T. 0.006 min
 Lab File: VY023484.D
 Acq: 16 Oct 2025 10:40

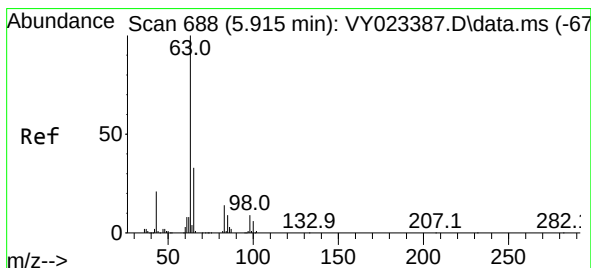
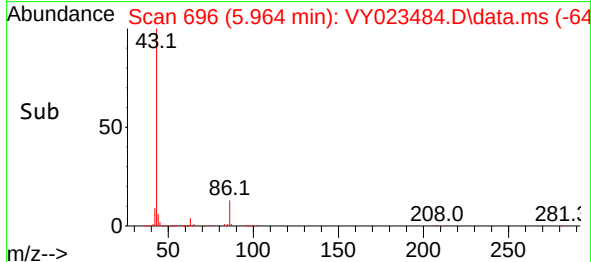
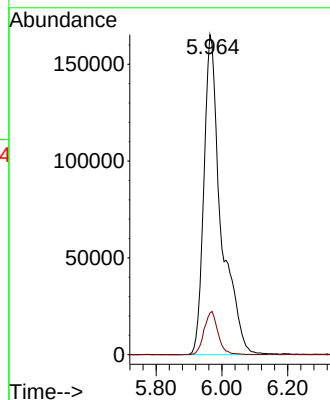
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1016SBSD01



Tgt Ion: 43 Resp: 601879
 Ion Ratio Lower Upper
 43 100
 86 13.0 10.6 15.8

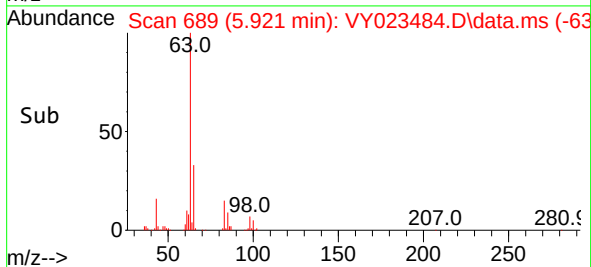
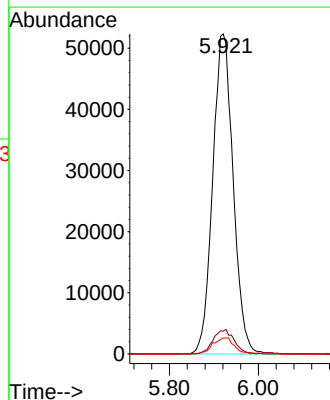
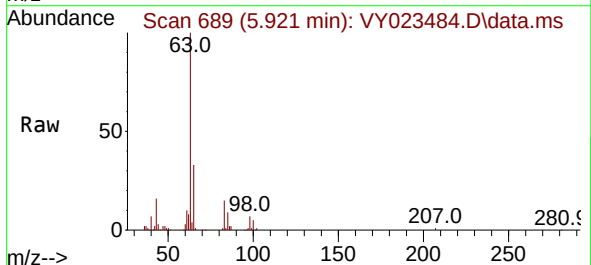
Manual Integrations
 APPROVED

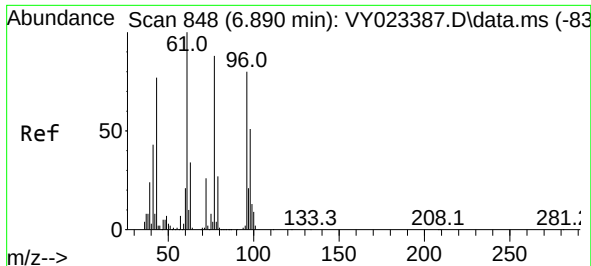
Reviewed By :John Carlone 10/17/2025
 Supervised By :Mahesh Dadoda 10/17/2025



#24
 1,1-Dichloroethane
 Concen: 20.892 ug/l
 RT: 5.921 min Scan# 689
 Delta R.T. 0.006 min
 Lab File: VY023484.D
 Acq: 16 Oct 2025 10:40

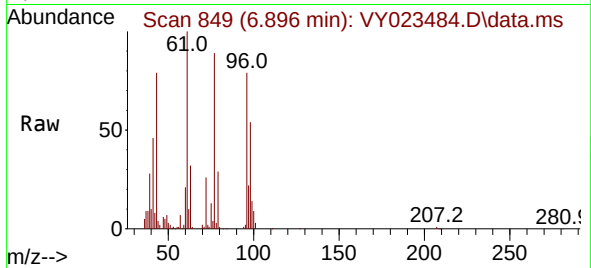
Tgt Ion: 63 Resp: 167060
 Ion Ratio Lower Upper
 63 100
 98 7.2 4.3 13.1
 100 5.0 2.8 8.4





#25
2-Butanone
Concen: 94.810 ug/l
RT: 6.896 min Scan# 848
Delta R.T. 0.006 min
Lab File: VY023484.D
Acq: 16 Oct 2025 10:40

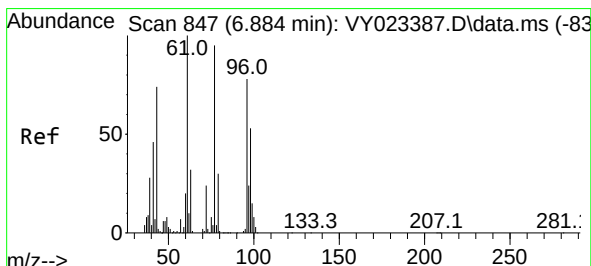
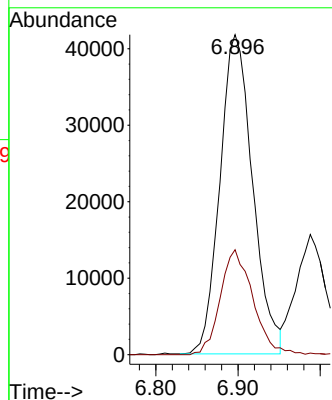
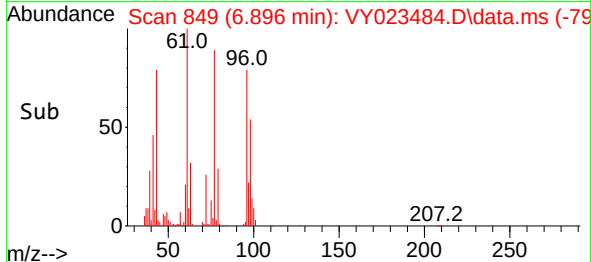
Instrument :
MSVOA_Y
ClientSampleId :
VY1016SBSD01



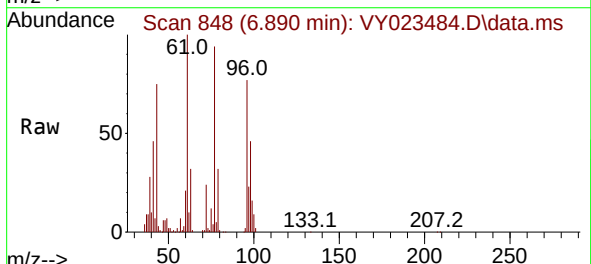
Tgt Ion: 43 Resp: 115674
Ion Ratio Lower Upper
43 100
72 32.9 27.4 41.2

Manual Integrations
APPROVED

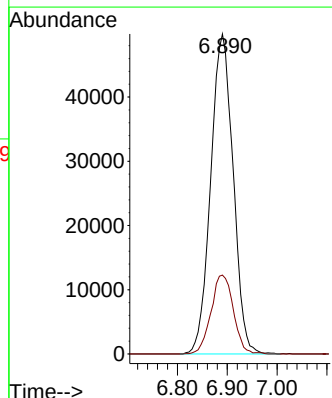
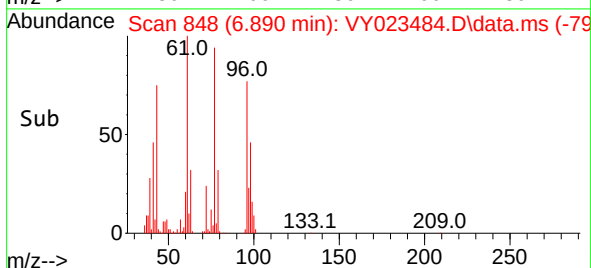
Reviewed By :John Carlone 10/17/2025
Supervised By :Mahesh Dadoda 10/17/2025

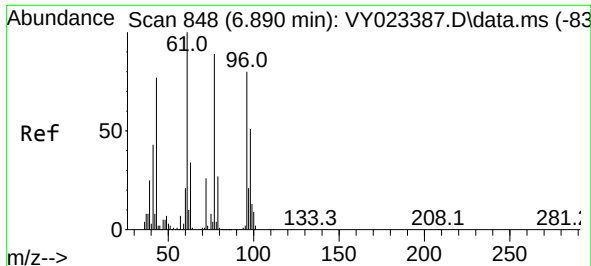


#26
2,2-Dichloropropane
Concen: 21.223 ug/l
RT: 6.890 min Scan# 848
Delta R.T. 0.006 min
Lab File: VY023484.D
Acq: 16 Oct 2025 10:40



Tgt Ion: 77 Resp: 155717
Ion Ratio Lower Upper
77 100
97 24.6 12.1 36.3





#27

cis-1,2-Dichloroethene

Concen: 20.595 ug/l

RT: 6.896 min Scan# 848

Delta R.T. 0.006 min

Lab File: VY023484.D

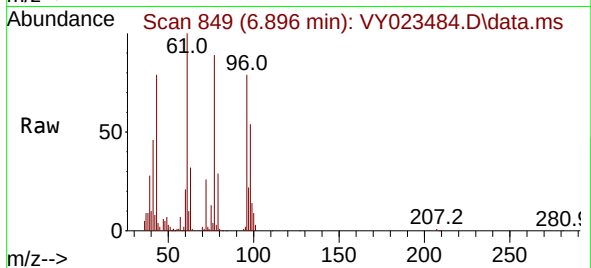
Acq: 16 Oct 2025 10:40

Instrument :

MSVOA_Y

ClientSampleId :

VY1016SBSD01



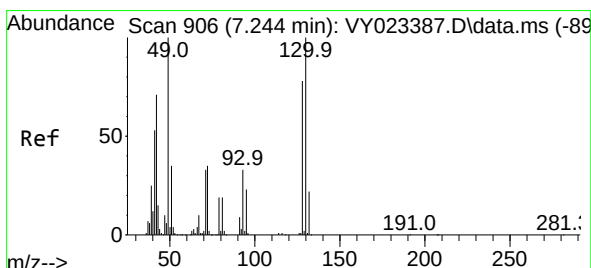
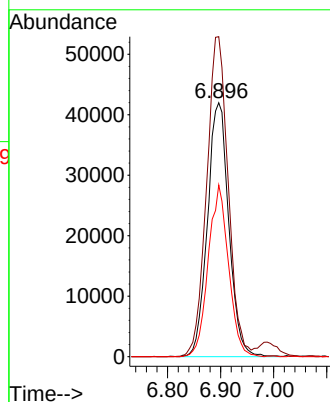
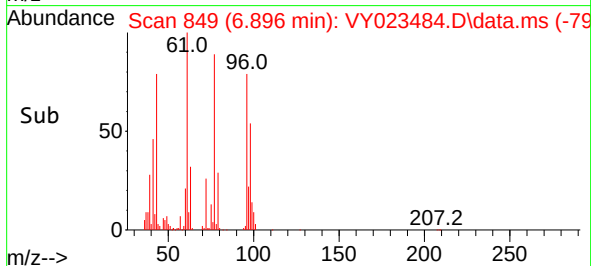
Tgt Ion:	96	Resp:	11728
Ion	Ratio	Lower	Upper
96	100		
61	127.3	0.0	258.2
98	64.2	0.0	132.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/17/2025

Supervised By :Mahesh Dadoda 10/17/2025



#28

Bromochloromethane

Concen: 19.871 ug/l

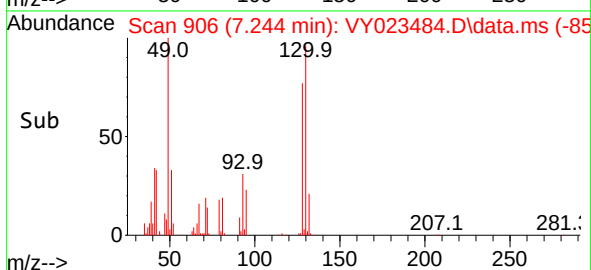
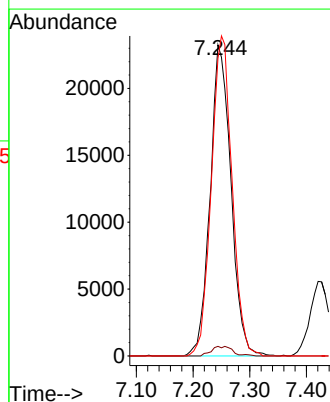
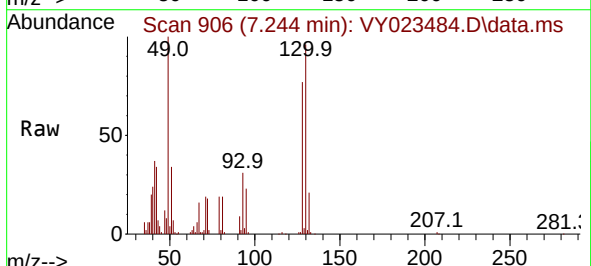
RT: 7.244 min Scan# 906

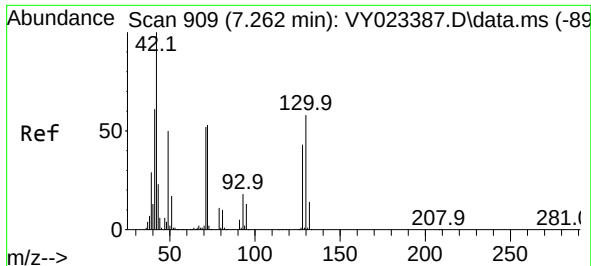
Delta R.T. -0.000 min

Lab File: VY023484.D

Acq: 16 Oct 2025 10:40

Tgt Ion:	49	Resp:	59319
Ion	Ratio	Lower	Upper
49	100		
129	3.0	0.0	5.6
130	102.3	81.9	122.9





#29

Tetrahydrofuran

Concen: 76.816 ug/l

RT: 7.262 min Scan# 909

Delta R.T. -0.000 min

Lab File: VY023484.D

Acq: 16 Oct 2025 10:40

Instrument :

MSVOA_Y

ClientSampleId :

VY1016SBSD01

Tgt Ion: 42 Resp: 53140

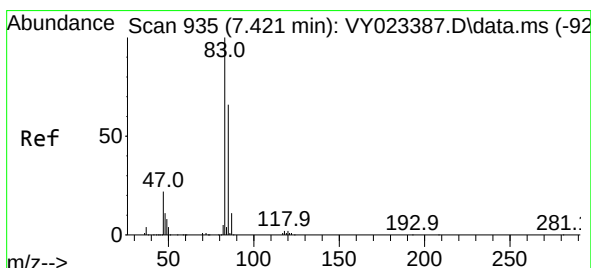
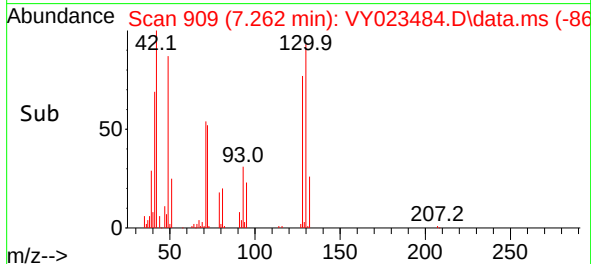
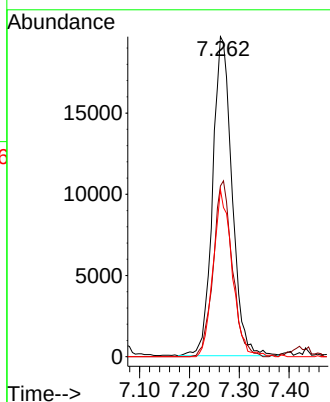
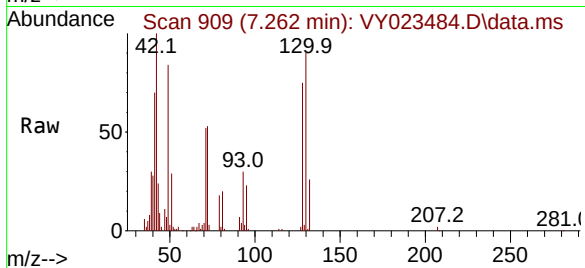
Ion	Ratio	Lower	Upper
42	100		
72	54.3	43.0	64.6
71	51.2	40.1	60.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/17/2025

Supervised By :Mahesh Dadoda 10/17/2025



#30

Chloroform

Concen: 21.049 ug/l

RT: 7.427 min Scan# 936

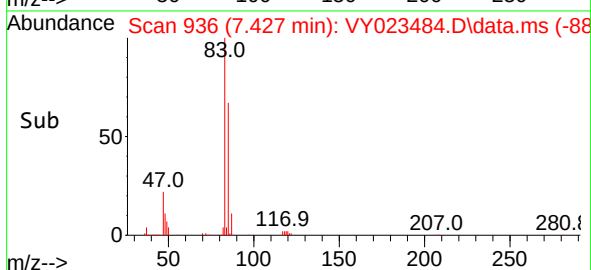
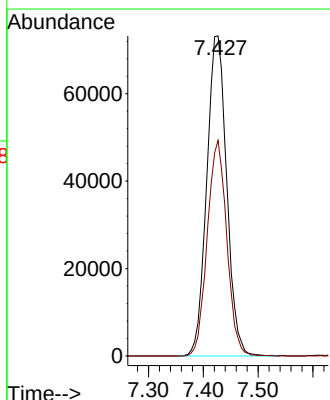
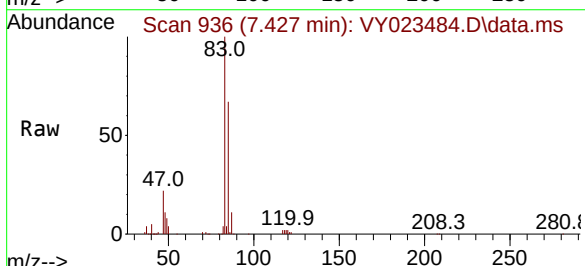
Delta R.T. 0.006 min

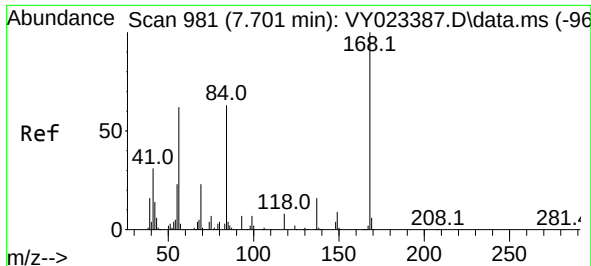
Lab File: VY023484.D

Acq: 16 Oct 2025 10:40

Tgt Ion: 83 Resp: 184929

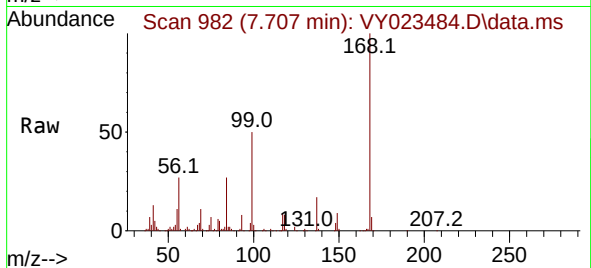
Ion	Ratio	Lower	Upper
83	100		
85	67.4	52.5	78.7





#31
Cyclohexane
Concen: 19.640 ug/l
RT: 7.707 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY023484.D
Acq: 16 Oct 2025 10:40

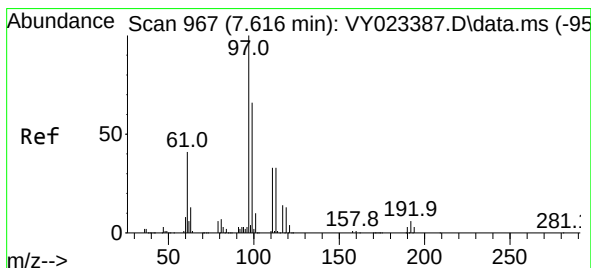
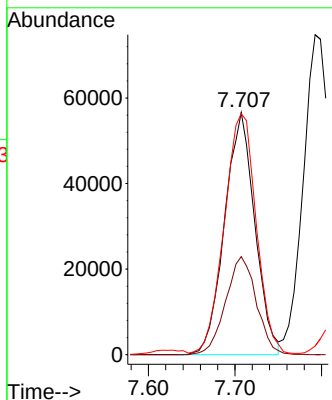
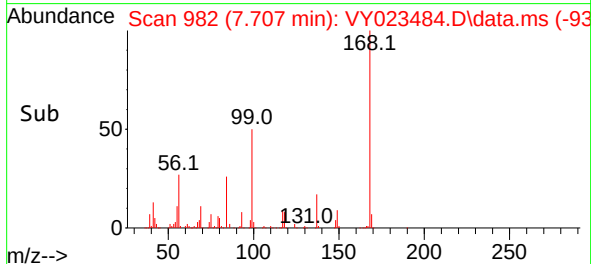
Instrument :
MSVOA_Y
ClientSampleId :
VY1016SBS01



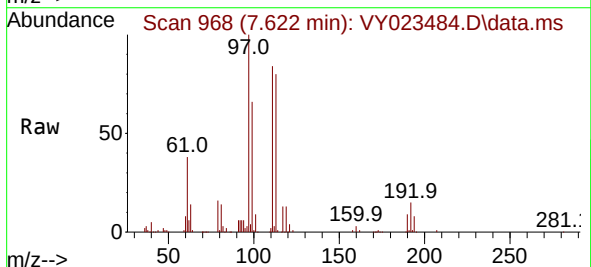
Tgt Ion: 56 Resp: 13715
Ion Ratio Lower Upper
56 100
69 40.5 30.0 45.0
84 97.8 81.2 121.8

Manual Integrations
APPROVED

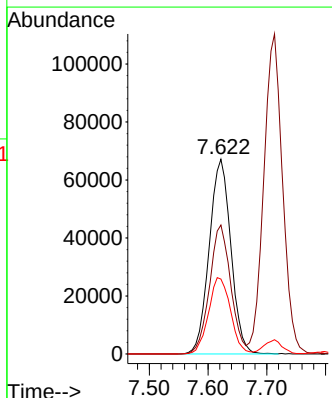
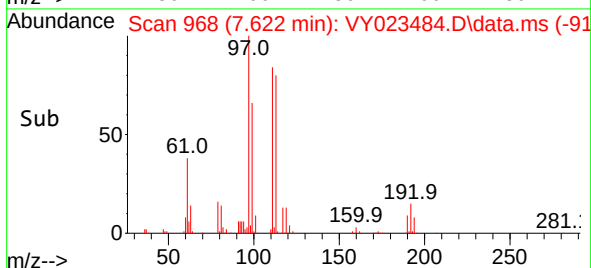
Reviewed By :John Carlone 10/17/2025
Supervised By :Mahesh Dadoda 10/17/2025

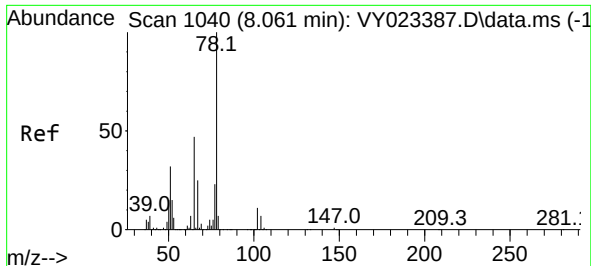


#32
1,1,1-Trichloroethane
Concen: 21.529 ug/l
RT: 7.622 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY023484.D
Acq: 16 Oct 2025 10:40



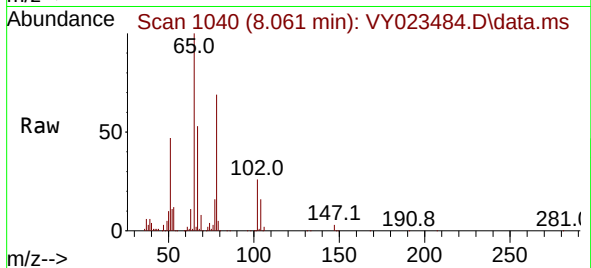
Tgt Ion: 97 Resp: 171883
Ion Ratio Lower Upper
97 100
99 64.5 51.4 77.2
61 40.0 31.9 47.9





#33
1,2-Dichloroethane-d4
Concen: 44.653 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VY023484.D
Acq: 16 Oct 2025 10:40

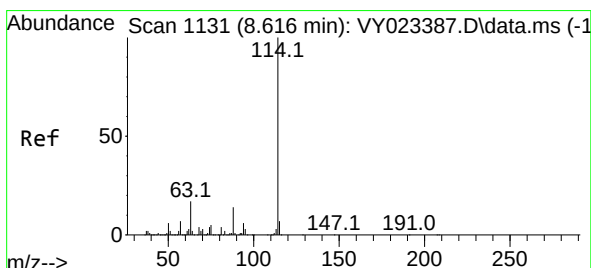
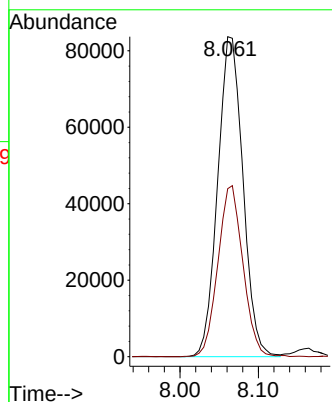
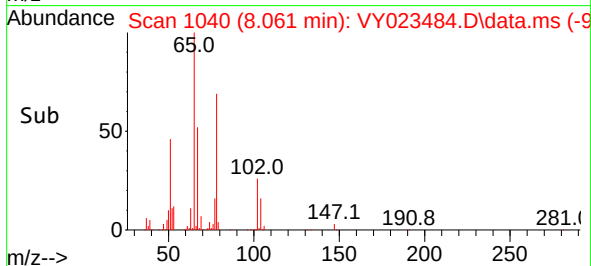
Instrument :
MSVOA_Y
ClientSampleId :
VY1016SBS01



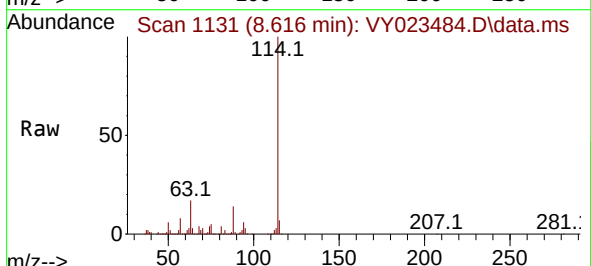
Tgt Ion: 65 Resp: 18744
Ion Ratio Lower Upper
65 100
67 53.1 0.0 105.8

Manual Integrations
APPROVED

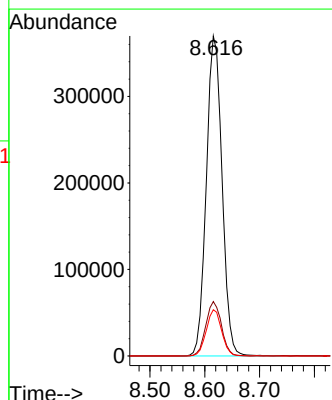
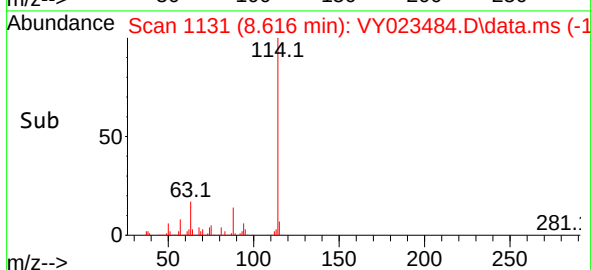
Reviewed By :John Carlone 10/17/2025
Supervised By :Mahesh Dadoda 10/17/2025

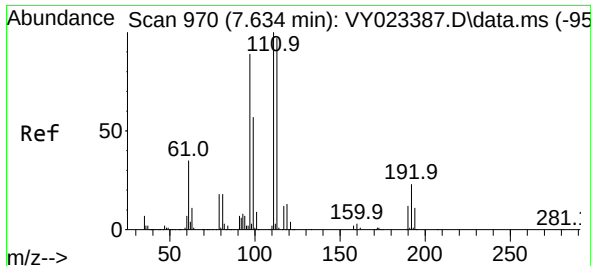


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VY023484.D
Acq: 16 Oct 2025 10:40



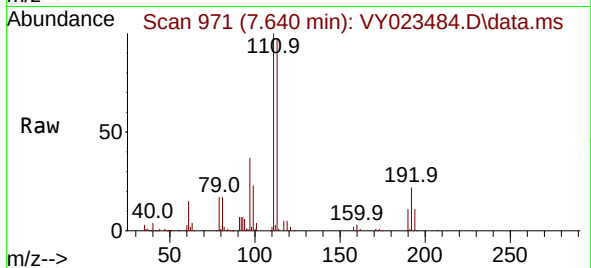
Tgt Ion:114 Resp: 735573
Ion Ratio Lower Upper
114 100
63 17.0 0.0 34.2
88 14.4 0.0 28.4





#35
Dibromofluoromethane
Concen: 47.603 ug/l
RT: 7.640 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY023484.D
Acq: 16 Oct 2025 10:40

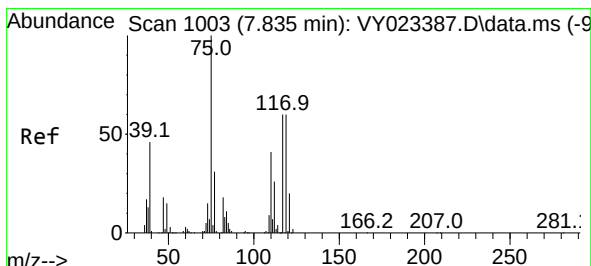
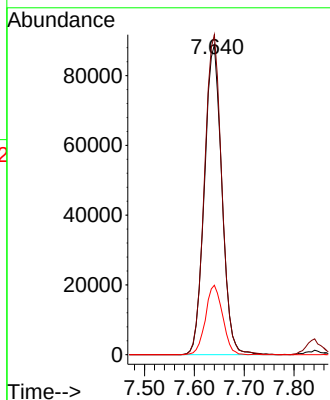
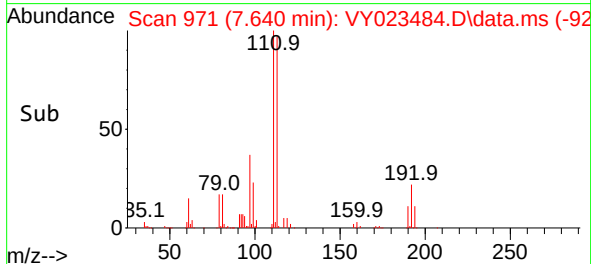
Instrument :
MSVOA_Y
ClientSampleId :
VY1016SBS01



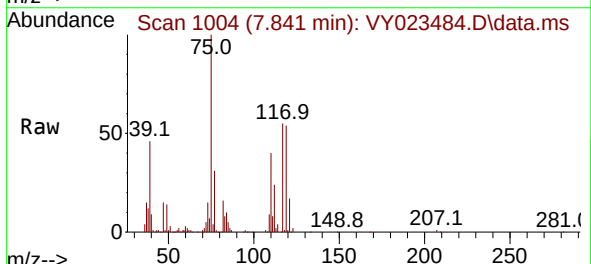
Tgt Ion:113 Resp: 21515
Ion Ratio Lower Upper
113 100
111 102.7 81.8 122.6
192 22.0 18.0 27.0

Manual Integrations
APPROVED

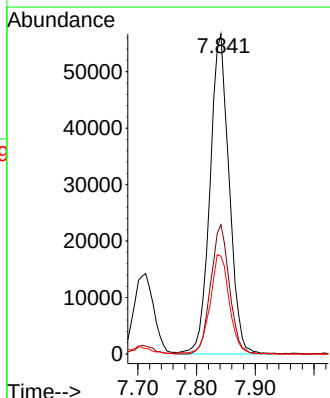
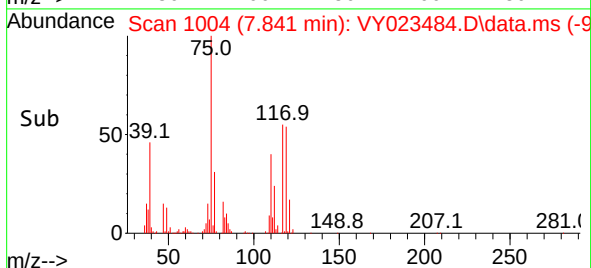
Reviewed By :John Carlone 10/17/2025
Supervised By :Mahesh Dadoda 10/17/2025

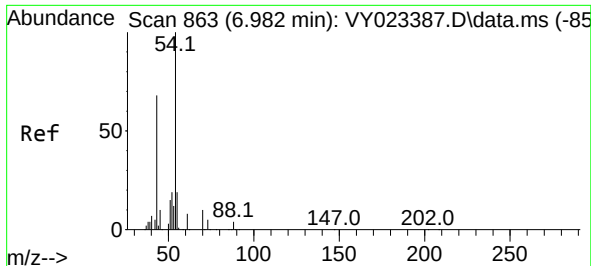


#36
1,1-Dichloropropene
Concen: 21.439 ug/l
RT: 7.841 min Scan# 1004
Delta R.T. 0.006 min
Lab File: VY023484.D
Acq: 16 Oct 2025 10:40



Tgt Ion: 75 Resp: 128285
Ion Ratio Lower Upper
75 100
110 39.3 19.9 59.7
77 31.3 25.0 37.6





#37

Ethyl Acetate

Concen: 17.382 ug/l

RT: 6.988 min Scan# 80

Delta R.T. 0.006 min

Lab File: VY023484.D

Acq: 16 Oct 2025 10:40

Instrument :

MSVOA_Y

ClientSampleId :

VY1016SBS01

Tgt Ion: 43 Resp: 41200

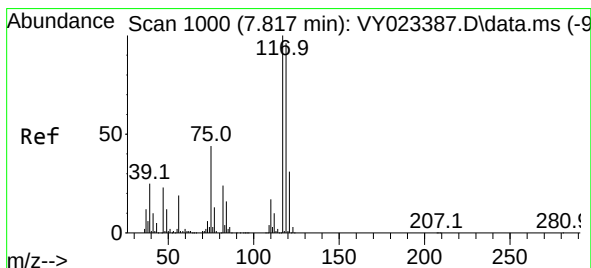
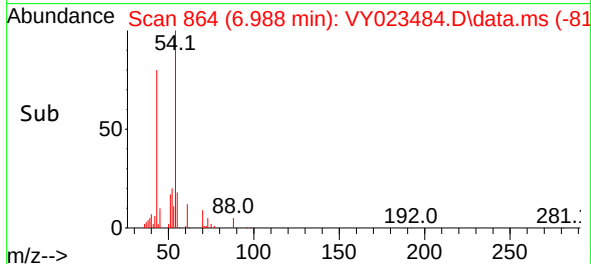
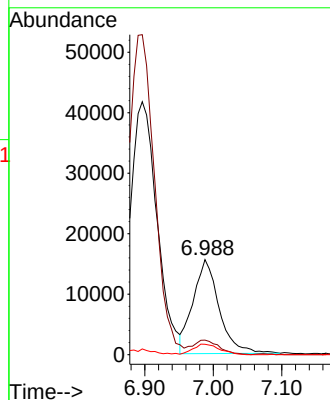
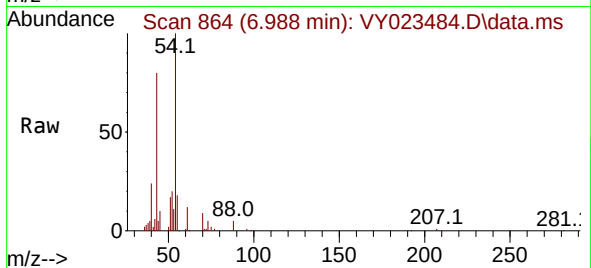
Ion	Ratio	Lower	Upper
43	100		
61	14.7	11.8	17.8
70	11.3	10.5	15.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/17/2025

Supervised By :Mahesh Dadoda 10/17/2025



#38

Carbon Tetrachloride

Concen: 21.915 ug/l

RT: 7.817 min Scan# 1000

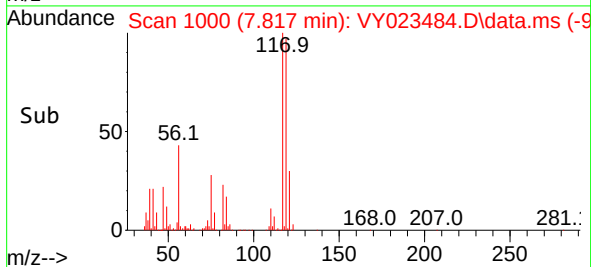
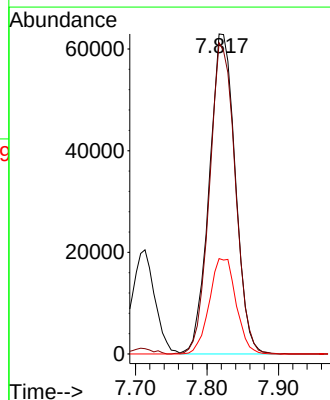
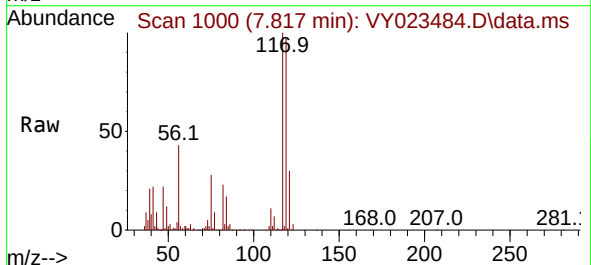
Delta R.T. -0.000 min

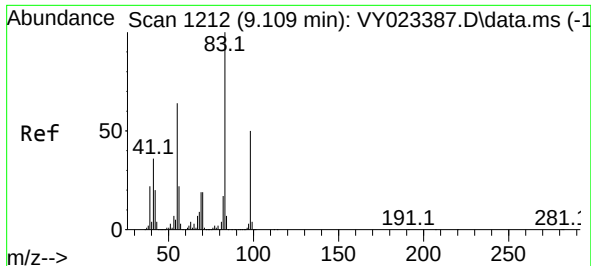
Lab File: VY023484.D

Acq: 16 Oct 2025 10:40

Tgt Ion:117 Resp: 159005

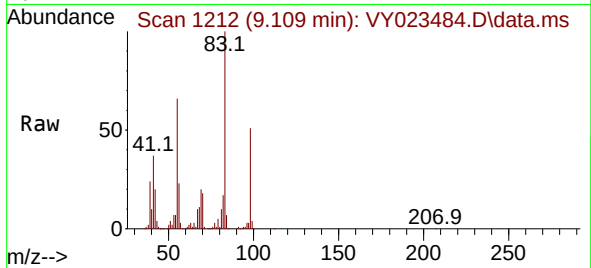
Ion	Ratio	Lower	Upper
117	100		
119	97.3	76.8	115.2
121	29.8	24.5	36.7





#39
Methylcyclohexane
Concen: 19.823 ug/l
RT: 9.109 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY023484.D
Acq: 16 Oct 2025 10:40

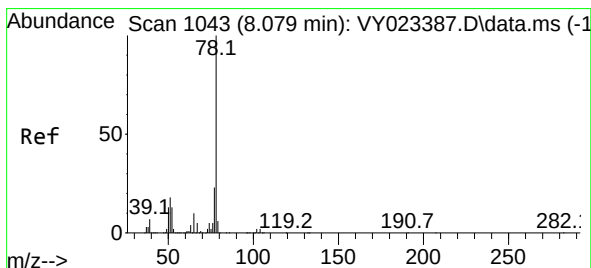
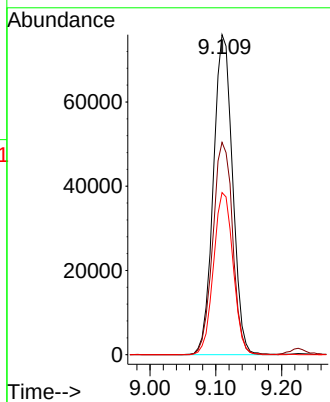
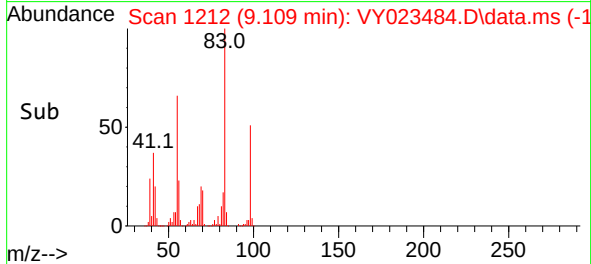
Instrument :
MSVOA_Y
ClientSampleId :
VY1016SBSD01



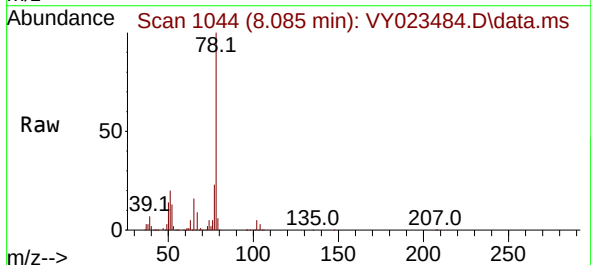
Tgt Ion: 83 Resp: 15444
Ion Ratio Lower Upper
83 100
55 66.3 51.4 77.2
98 50.6 40.4 60.6

Manual Integrations
APPROVED

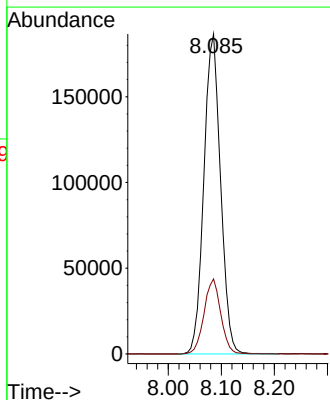
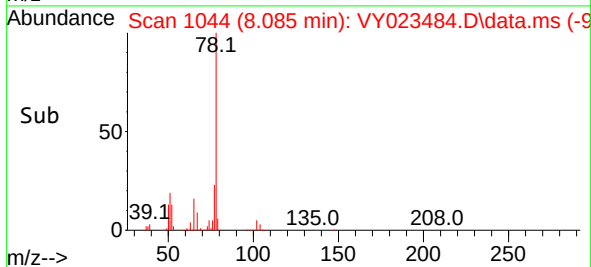
Reviewed By :John Carlone 10/17/2025
Supervised By :Mahesh Dadoda 10/17/2025

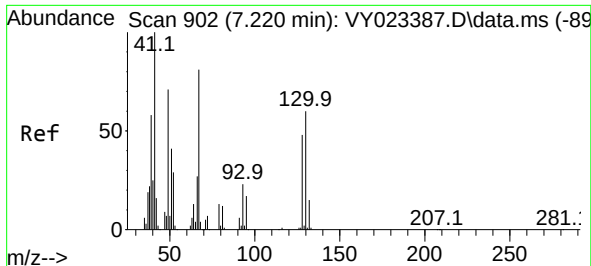


#40
Benzene
Concen: 21.512 ug/l
RT: 8.085 min Scan# 1044
Delta R.T. 0.006 min
Lab File: VY023484.D
Acq: 16 Oct 2025 10:40



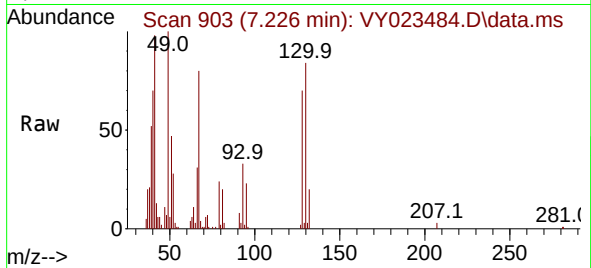
Tgt Ion: 78 Resp: 407643
Ion Ratio Lower Upper
78 100
77 23.5 18.3 27.5





#41
Methacrylonitrile
Concen: 16.172 ug/l
RT: 7.226 min Scan# 902
Delta R.T. 0.006 min
Lab File: VY023484.D
Acq: 16 Oct 2025 10:40

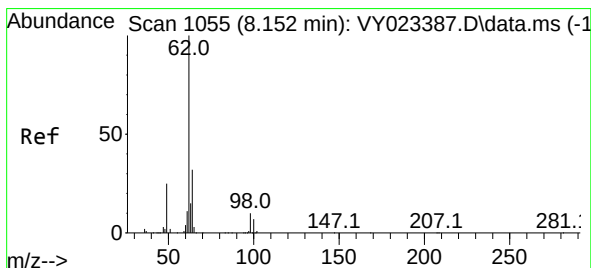
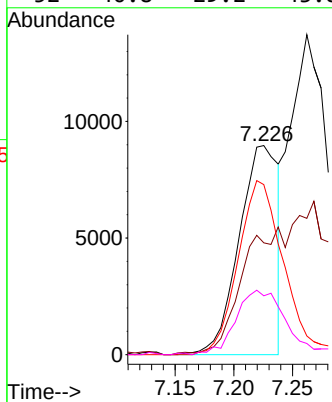
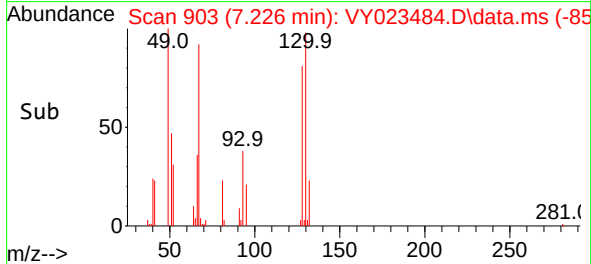
Instrument :
MSVOA_Y
ClientSampleId :
VY1016SBSD01



Tgt Ion: 41 Resp: 20734
Ion Ratio Lower Upper
41 100
39 0.0 52.2 78.4
67 98.1 74.9 112.3
52 40.8 29.2 43.8

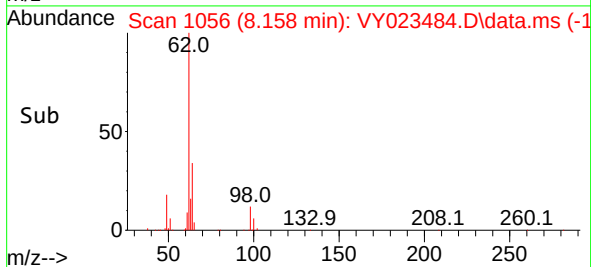
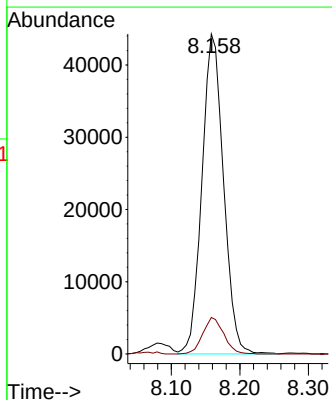
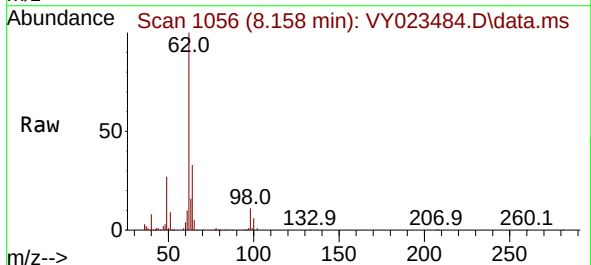
Manual Integrations
APPROVED

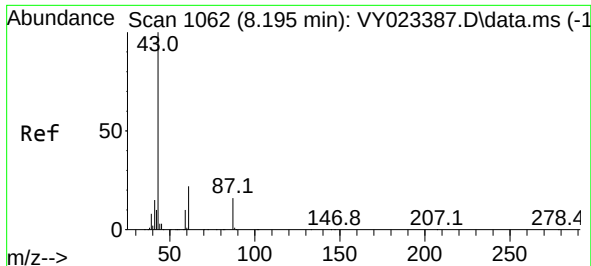
Reviewed By :John Carlone 10/17/2025
Supervised By :Mahesh Dadoda 10/17/2025



#42
1,2-Dichloroethane
Concen: 19.894 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VY023484.D
Acq: 16 Oct 2025 10:40

Tgt Ion: 62 Resp: 97227
Ion Ratio Lower Upper
62 100
98 11.1 0.0 21.6





#43

Isopropyl Acetate

Concen: 16.744 ug/l

RT: 8.201 min Scan# 1063

Delta R.T. 0.006 min

Lab File: VY023484.D

Acq: 16 Oct 2025 10:40

Instrument :

MSVOA_Y

ClientSampleId :

VY1016SBSD01

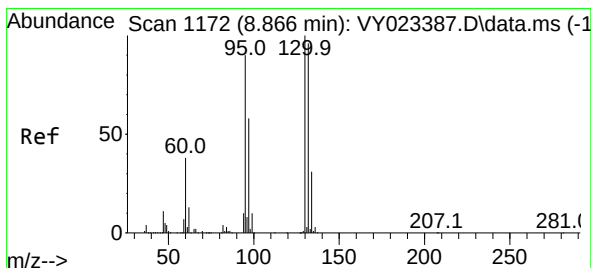
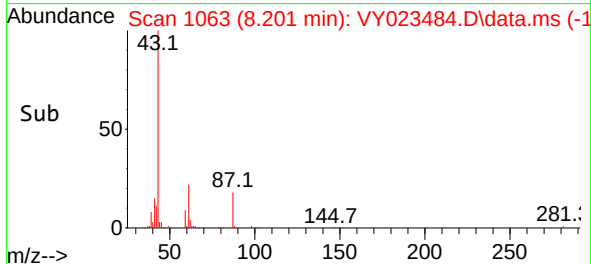
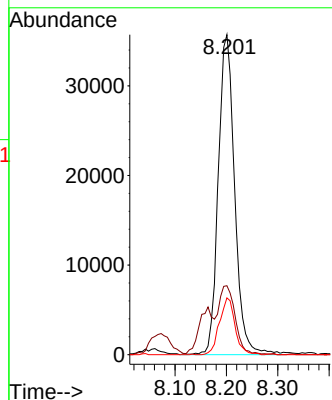
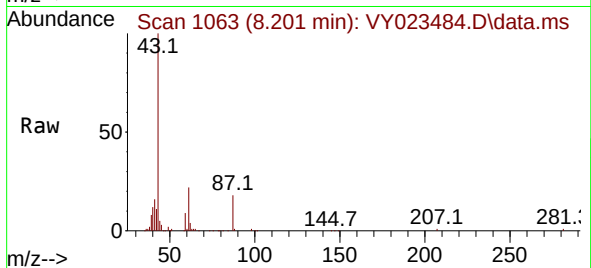
Tgt Ion: 43	Resp: 7914
Ion Ratio	Lower Upper
43	100
61	21.8 18.1 27.1
87	16.9 13.5 20.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/17/2025

Supervised By :Mahesh Dadoda 10/17/2025



#44

Trichloroethene

Concen: 21.188 ug/l

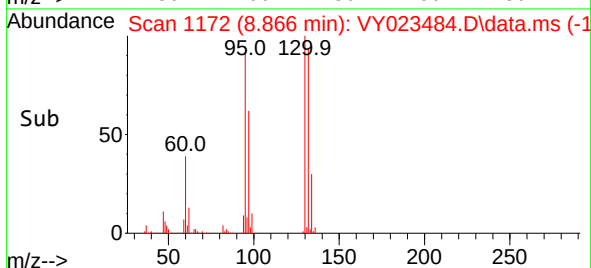
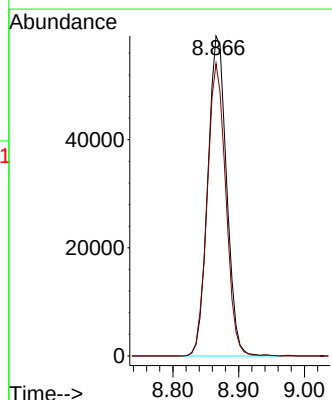
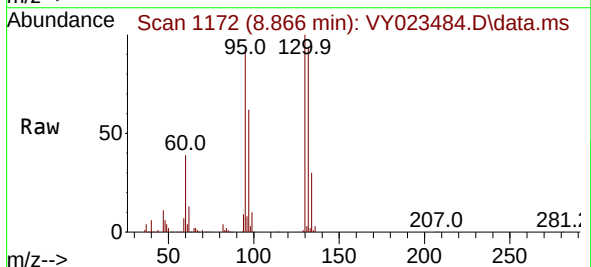
RT: 8.866 min Scan# 1172

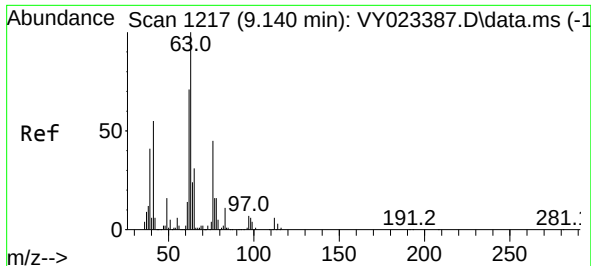
Delta R.T. -0.000 min

Lab File: VY023484.D

Acq: 16 Oct 2025 10:40

Tgt Ion:130	Resp: 117518
Ion Ratio	Lower Upper
130	100
95	91.3 0.0 180.6





#45

1,2-Dichloropropane

Concen: 21.033 ug/l

RT: 9.146 min Scan# 1217

Delta R.T. 0.006 min

Lab File: VY023484.D

Acq: 16 Oct 2025 10:40

Instrument :

MSVOA_Y

ClientSampleId :

VY1016SBS01

Tgt Ion: 63 Resp: 8803

Ion Ratio Lower Upper

63 100

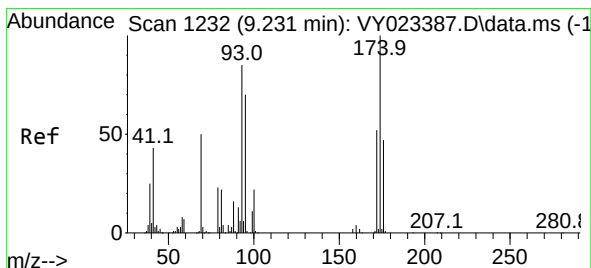
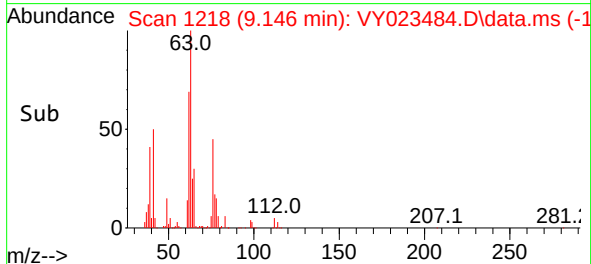
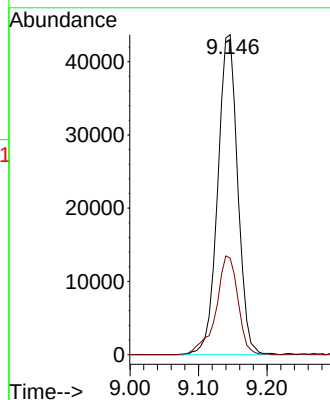
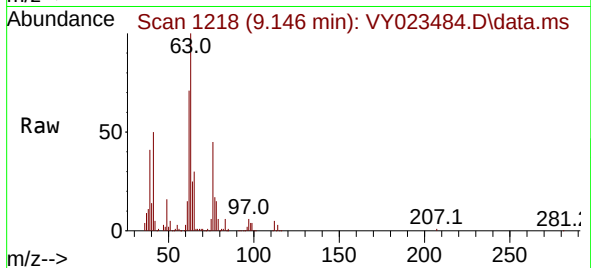
65 30.2 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/17/2025

Supervised By :Mahesh Dadoda 10/17/2025



#46

Dibromomethane

Concen: 19.834 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. -0.000 min

Lab File: VY023484.D

Acq: 16 Oct 2025 10:40

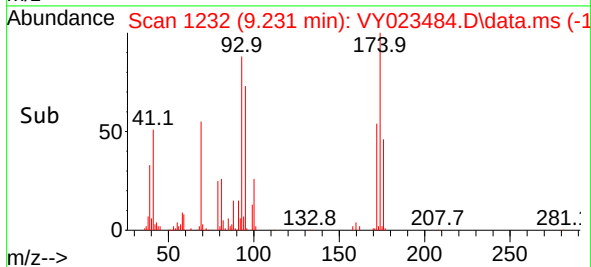
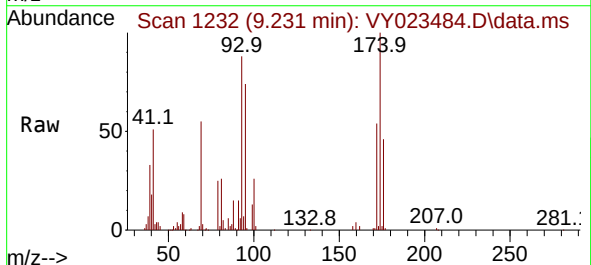
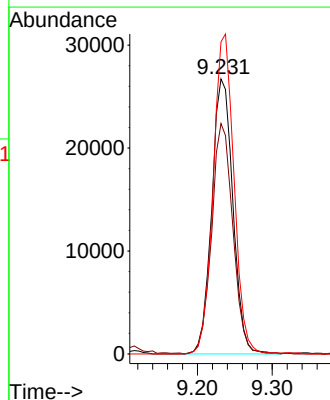
Tgt Ion: 93 Resp: 52495

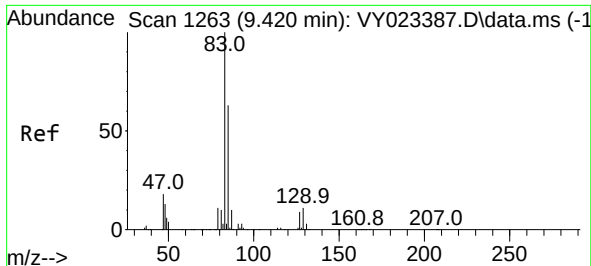
Ion Ratio Lower Upper

93 100

95 84.1 65.4 98.0

174 114.3 92.9 139.3





#47

Bromodichloromethane

Concen: 21.154 ug/l

RT: 9.426 min Scan# 1263

Delta R.T. 0.006 min

Lab File: VY023484.D

Acq: 16 Oct 2025 10:40

Instrument :

MSVOA_Y

ClientSampleId :

VY1016SBS01

Tgt Ion: 83 Resp: 141000

Ion Ratio Lower Upper

83 100

85 64.9 50.8 76.2

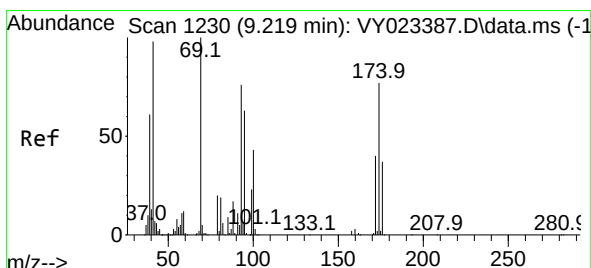
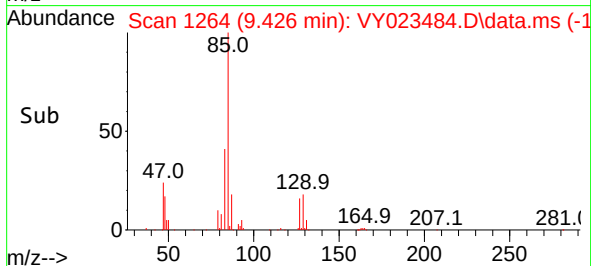
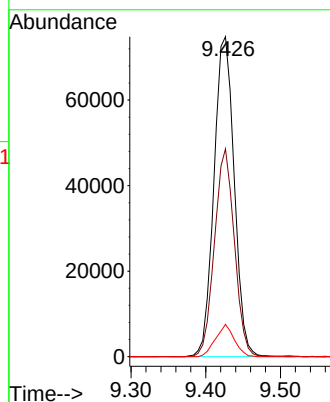
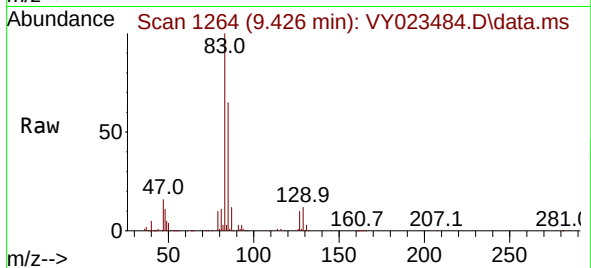
127 10.1 7.4 11.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/17/2025

Supervised By :Mahesh Dadoda 10/17/2025



#48

Methyl methacrylate

Concen: 16.250 ug/l

RT: 9.225 min Scan# 1231

Delta R.T. 0.006 min

Lab File: VY023484.D

Acq: 16 Oct 2025 10:40

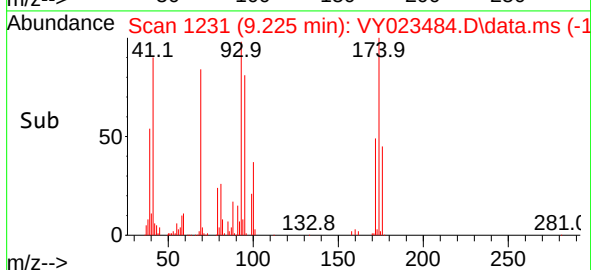
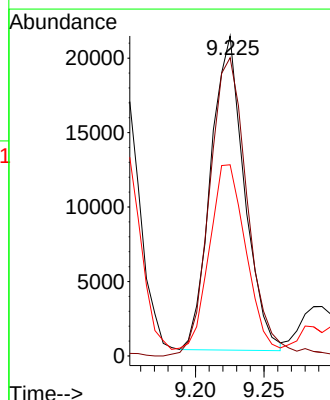
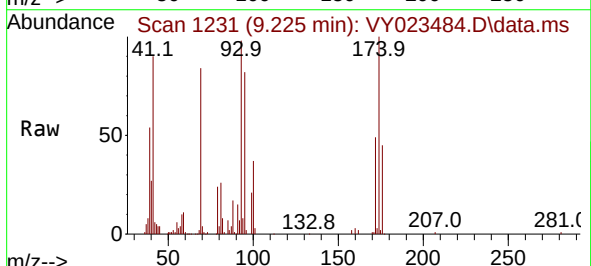
Tgt Ion: 41 Resp: 36085

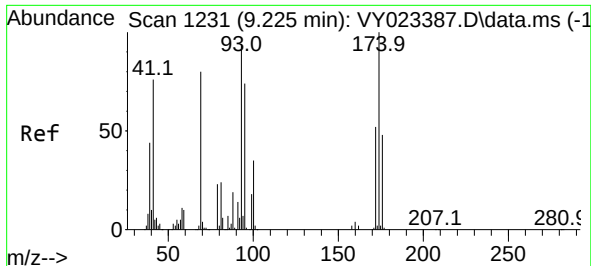
Ion Ratio Lower Upper

41 100

69 107.2 81.0 121.4

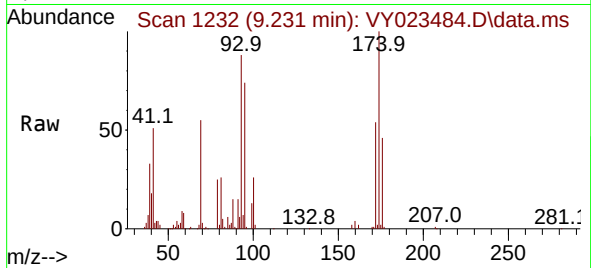
39 63.2 48.2 72.4





#49
1,4-Dioxane
Concen: 312.260 ug/l
RT: 9.231 min Scan# 1232
Delta R.T. 0.006 min
Lab File: VY023484.D
Acq: 16 Oct 2025 10:40

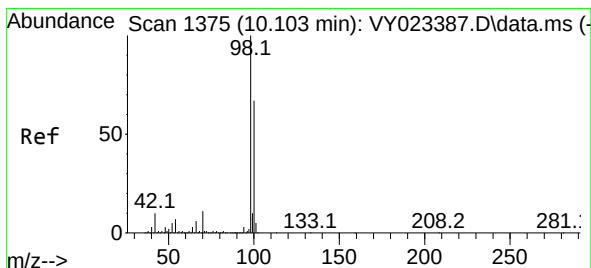
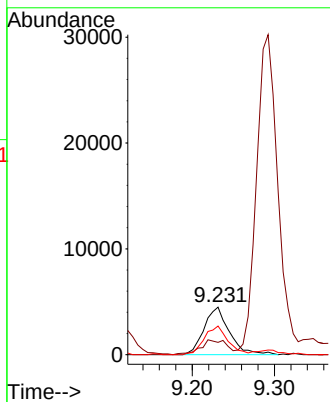
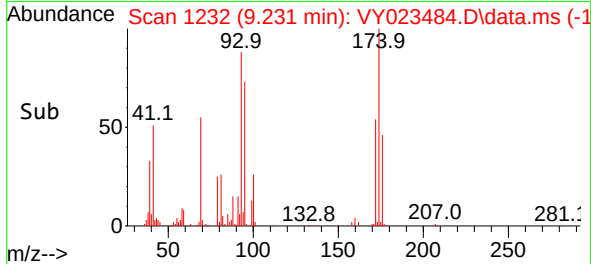
Instrument :
MSVOA_Y
ClientSampleId :
VY1016SBSD01



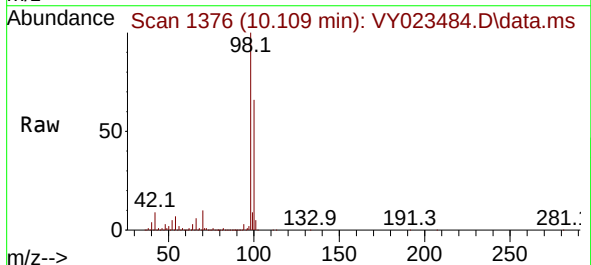
Tgt Ion: 88 Resp: 958
Ion Ratio Lower Upper
88 100
43 31.8 21.8 32.8
58 56.0 46.8 70.2

Manual Integrations
APPROVED

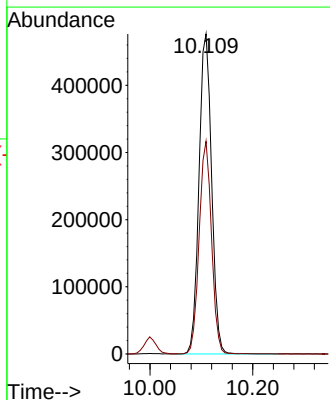
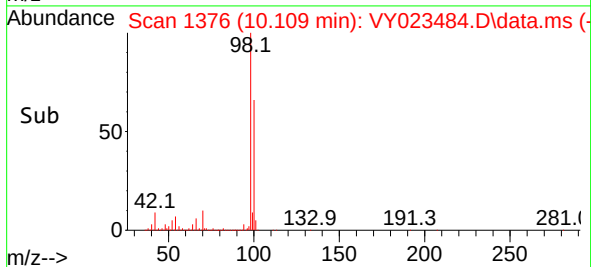
Reviewed By :John Carlone 10/17/2025
Supervised By :Mahesh Dadoda 10/17/2025

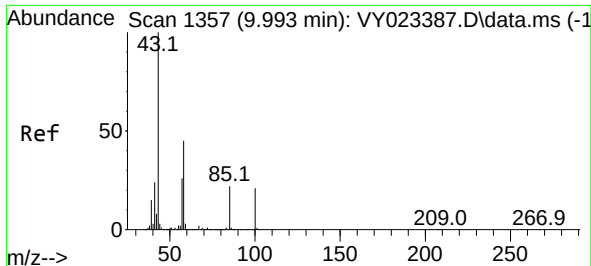


#50
Toluene-d8
Concen: 48.176 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.006 min
Lab File: VY023484.D
Acq: 16 Oct 2025 10:40



Tgt Ion: 98 Resp: 810898
Ion Ratio Lower Upper
98 100
100 65.0 53.0 79.4





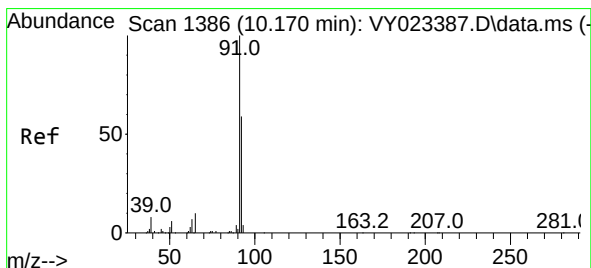
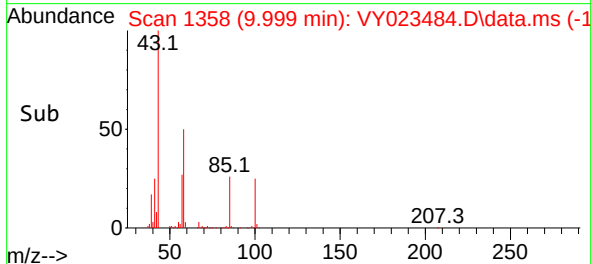
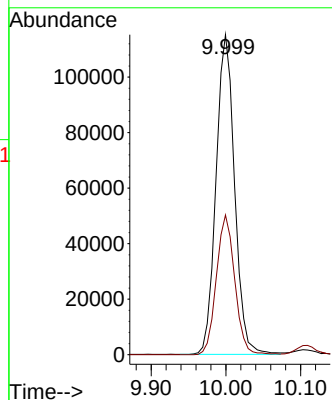
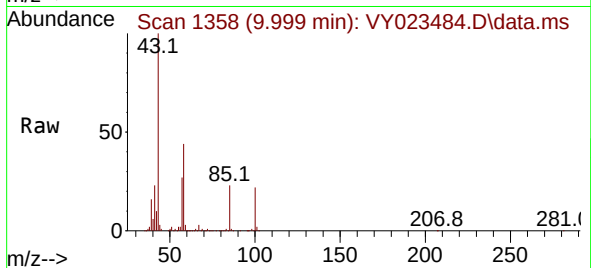
#51
4-Methyl-2-Pentanone
Concen: 81.306 ug/l
RT: 9.999 min Scan# 1357
Delta R.T. 0.006 min
Lab File: VY023484.D
Acq: 16 Oct 2025 10:40

Instrument :
MSVOA_Y
ClientSampleId :
VY1016SBSD01

Tgt Ion: 43 Resp: 198570
Ion Ratio Lower Upper
43 100
58 43.3 35.3 52.9

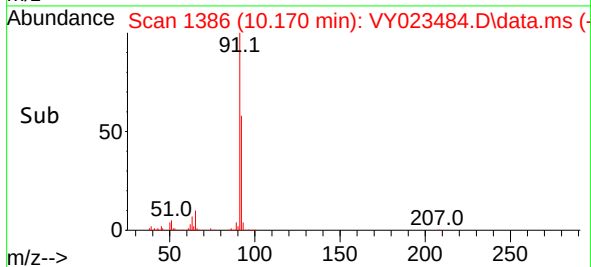
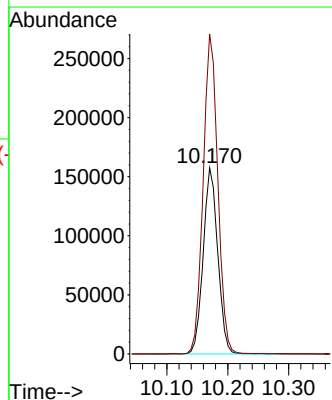
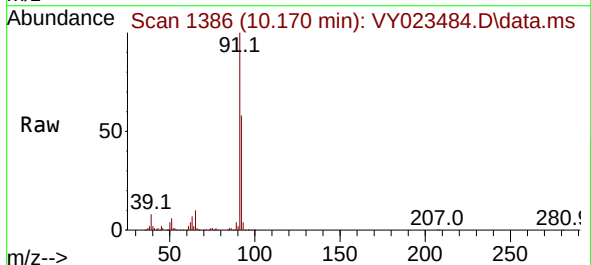
Manual Integrations
APPROVED

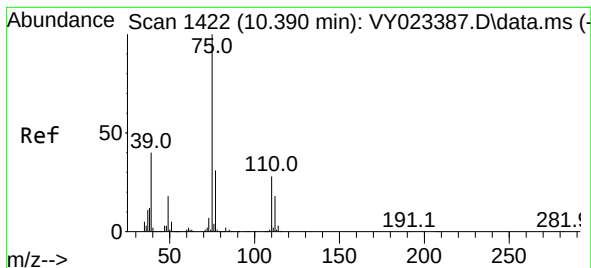
Reviewed By :John Carlone 10/17/2025
Supervised By :Mahesh Dadoda 10/17/2025



#52
Toluene
Concen: 21.278 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.000 min
Lab File: VY023484.D
Acq: 16 Oct 2025 10:40

Tgt Ion: 92 Resp: 261803
Ion Ratio Lower Upper
92 100
91 172.9 136.4 204.6





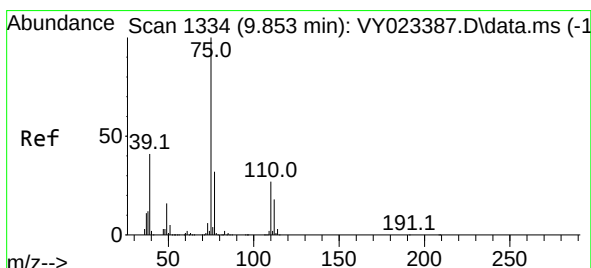
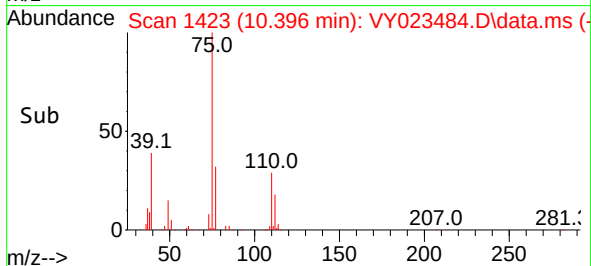
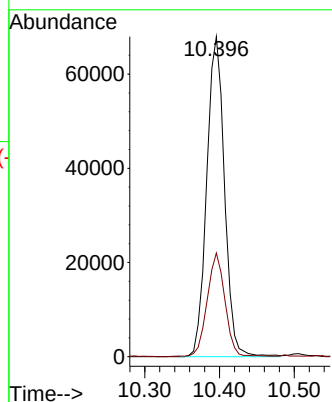
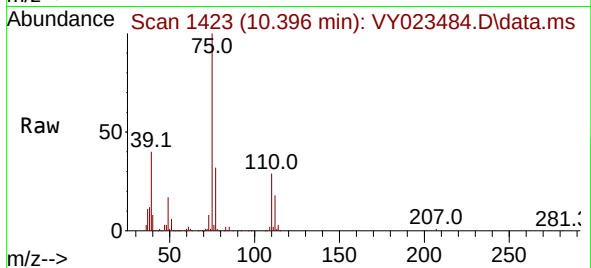
#53
t-1,3-Dichloropropene
Concen: 19.341 ug/l
RT: 10.396 min Scan# 1422
Delta R.T. 0.006 min
Lab File: VY023484.D
Acq: 16 Oct 2025 10:40

Instrument :
MSVOA_Y
ClientSampleId :
VY1016SBS01

Tgt Ion: 75 Resp: 11210
Ion Ratio Lower Upper
75 100
77 32.2 25.1 37.7

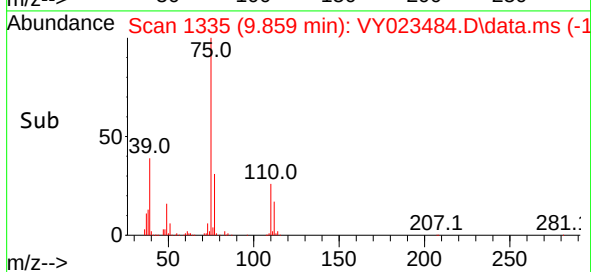
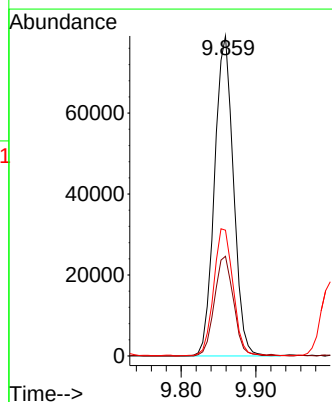
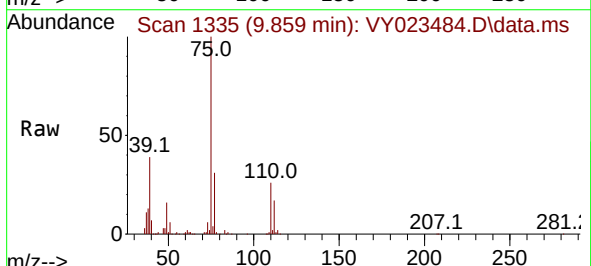
Manual Integrations
APPROVED

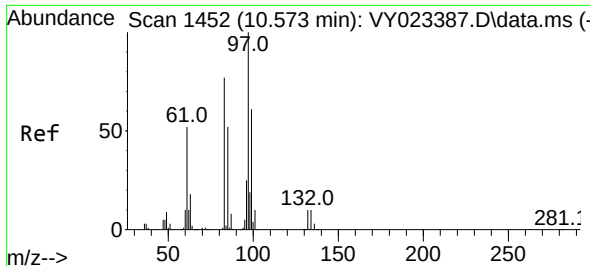
Reviewed By :John Carlone 10/17/2025
Supervised By :Mahesh Dadoda 10/17/2025



#54
cis-1,3-Dichloropropene
Concen: 20.339 ug/l
RT: 9.859 min Scan# 1335
Delta R.T. 0.006 min
Lab File: VY023484.D
Acq: 16 Oct 2025 10:40

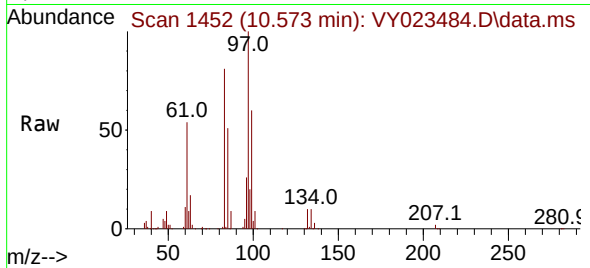
Tgt Ion: 75 Resp: 139132
Ion Ratio Lower Upper
75 100
77 31.1 25.4 38.0
39 39.2 32.8 49.2





#55
1,1,2-Trichloroethane
Concen: 19.768 ug/l
RT: 10.573 min Scan# 1452
Delta R.T. -0.000 min
Lab File: VY023484.D
Acq: 16 Oct 2025 10:40

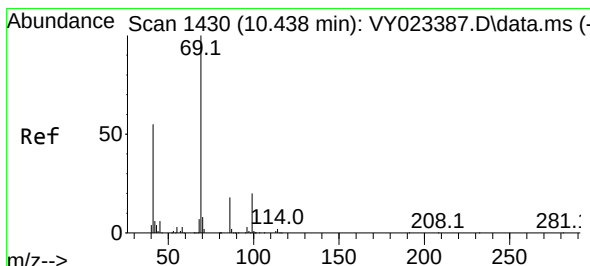
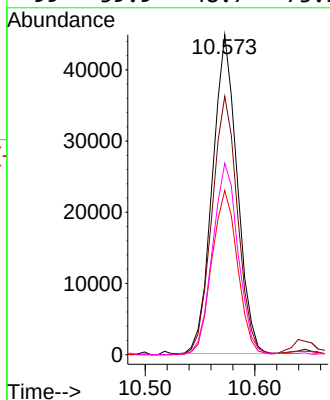
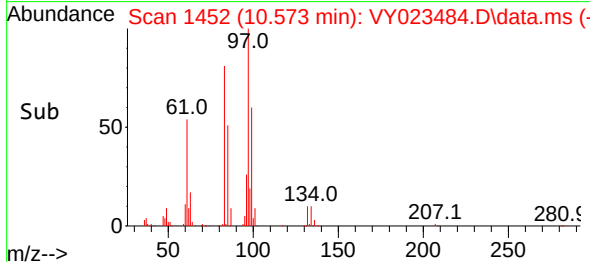
Instrument :
MSVOA_Y
ClientSampleId :
VY1016SBSD01



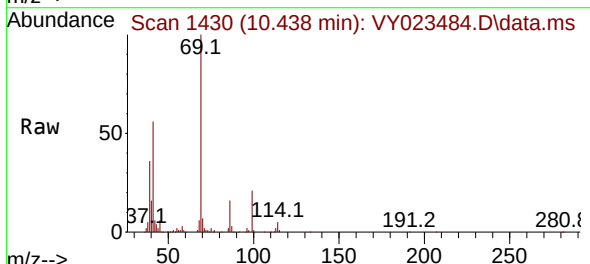
Tgt Ion	Ratio	Lower	Upper
97	100		
83	80.9	61.8	92.6
85	51.5	41.3	61.9
99	59.9	48.7	73.1

Manual Integrations
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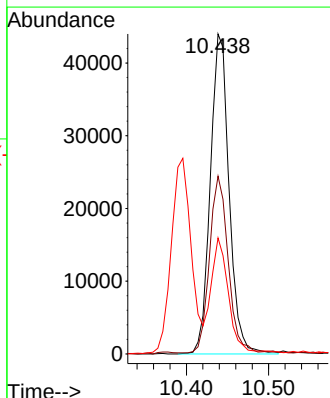
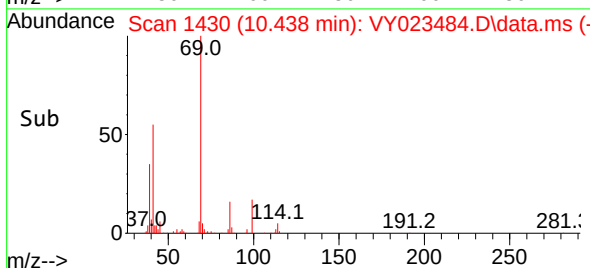
Reviewed By :John Carlone 10/17/2025
Supervised By :Mahesh Dadoda 10/17/2025

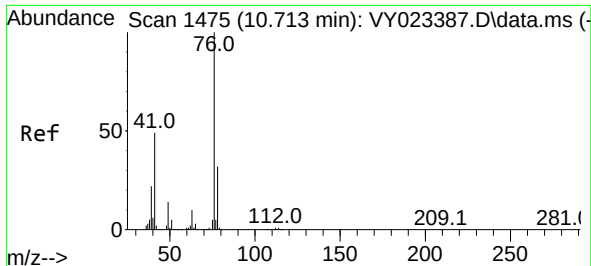


#56
Ethyl methacrylate
Concen: 16.967 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VY023484.D
Acq: 16 Oct 2025 10:40



Tgt Ion	Ratio	Lower	Upper
69	100		
41	54.7	44.6	67.0
39	33.4	27.0	40.4





#57

1,3-Dichloropropane

Concen: 19.582 ug/l

RT: 10.719 min Scan# 1475

Delta R.T. 0.006 min

Lab File: VY023484.D

Acq: 16 Oct 2025 10:40

Instrument :

MSVOA_Y

ClientSampleId :

VY1016SBSD01

Tgt Ion: 76 Resp: 11043

Ion Ratio Lower Upper

76 100

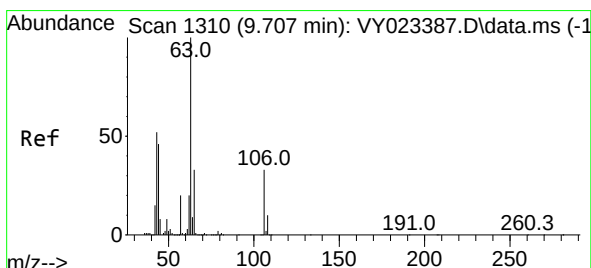
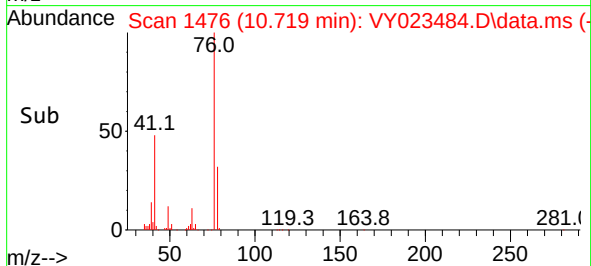
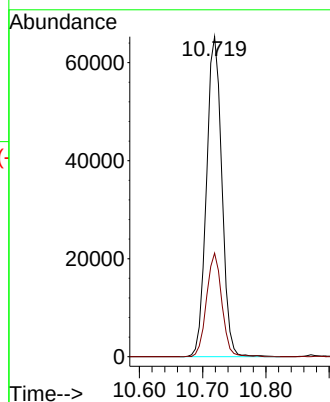
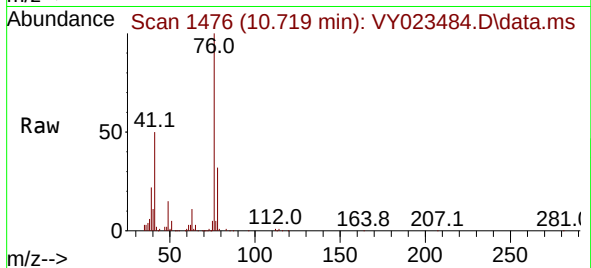
78 32.3 25.9 38.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/17/2025

Supervised By :Mahesh Dadoda 10/17/2025



#58

2-Chloroethyl Vinyl ether

Concen: 86.000 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.006 min

Lab File: VY023484.D

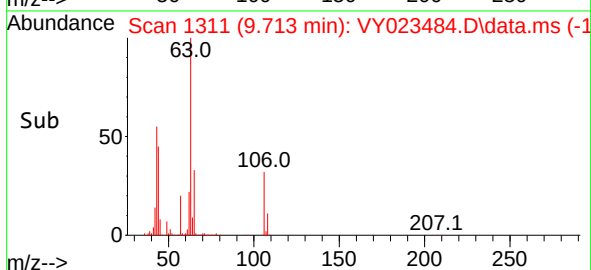
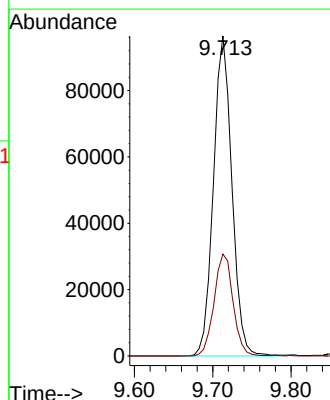
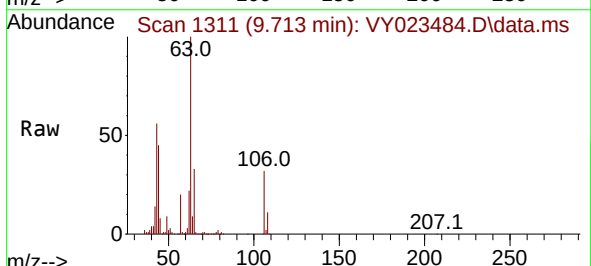
Acq: 16 Oct 2025 10:40

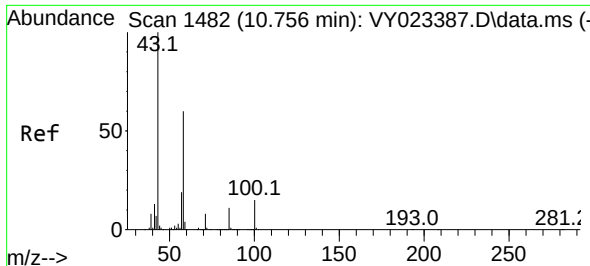
Tgt Ion: 63 Resp: 158166

Ion Ratio Lower Upper

63 100

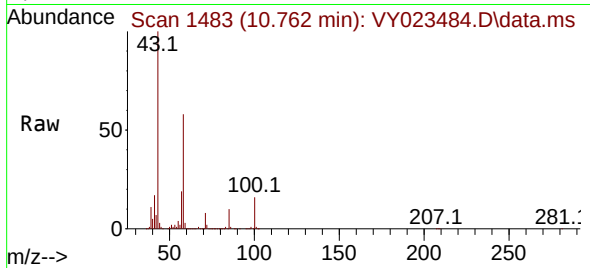
106 32.7 26.6 39.8





#59
2-Hexanone
Concen: 90.555 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.006 min
Lab File: VY023484.D
Acq: 16 Oct 2025 10:40

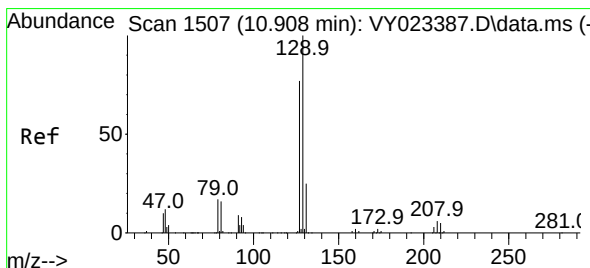
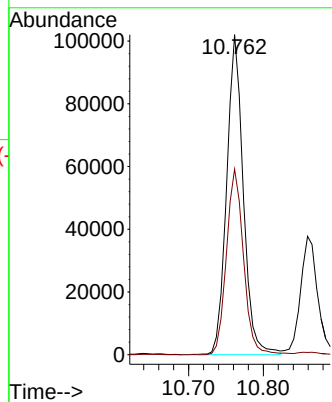
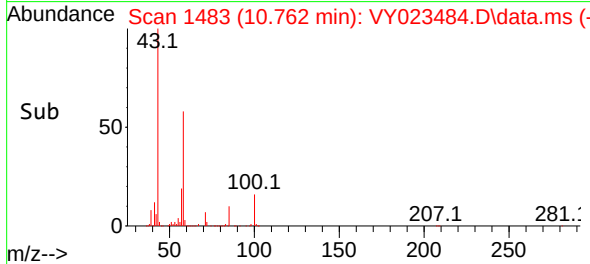
Instrument :
MSVOA_Y
ClientSampleId :
VY1016SBSD01



Tgt Ion: 43 Resp: 158050
Ion Ratio Lower Upper
43 100
58 59.6 30.5 91.5

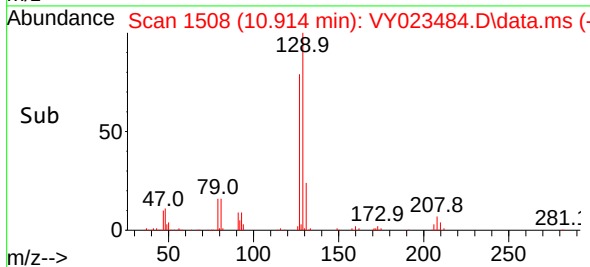
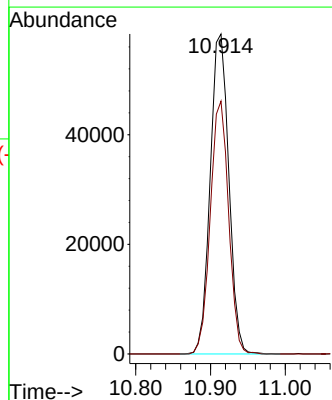
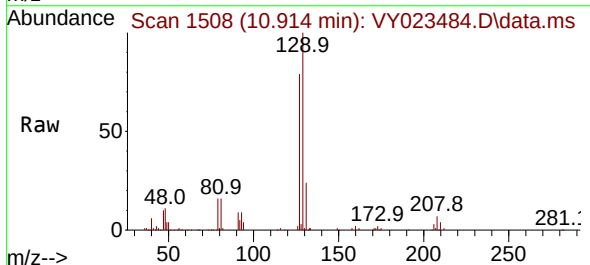
Manual Integrations
APPROVED

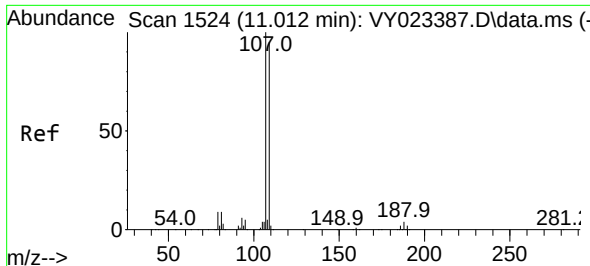
Reviewed By :John Carlone 10/17/2025
Supervised By :Mahesh Dadoda 10/17/2025



#60
Dibromochloromethane
Concen: 20.211 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.006 min
Lab File: VY023484.D
Acq: 16 Oct 2025 10:40

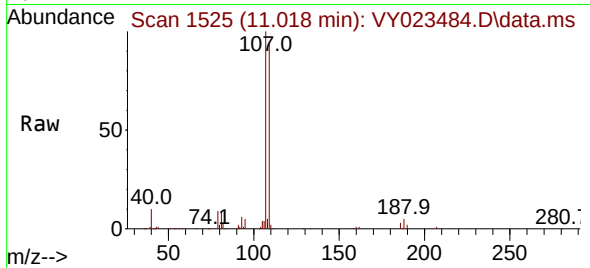
Tgt Ion:129 Resp: 100851
Ion Ratio Lower Upper
129 100
127 77.8 38.6 115.7





#61
1,2-Dibromoethane
Concen: 19.047 ug/l
RT: 11.018 min Scan# 1524
Delta R.T. 0.006 min
Lab File: VY023484.D
Acq: 16 Oct 2025 10:40

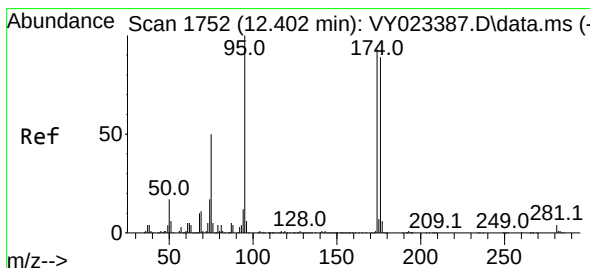
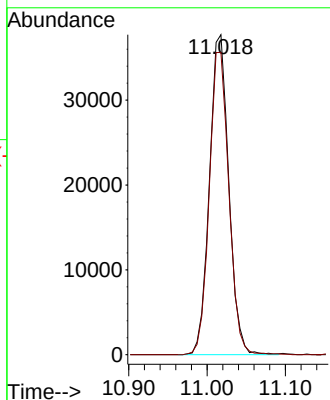
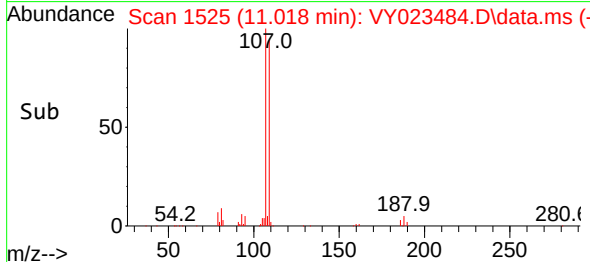
Instrument :
MSVOA_Y
ClientSampleId :
VY1016SBSD01



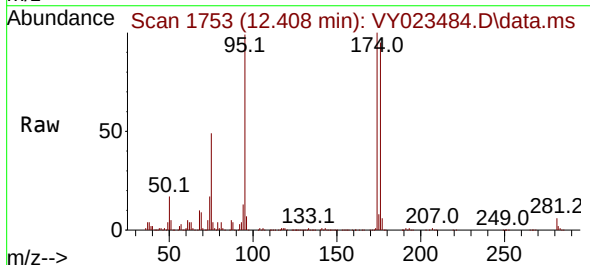
Tgt Ion:107 Resp: 6465
Ion Ratio Lower Upper
107 100
109 95.9 76.1 114.1

Manual Integrations
APPROVED

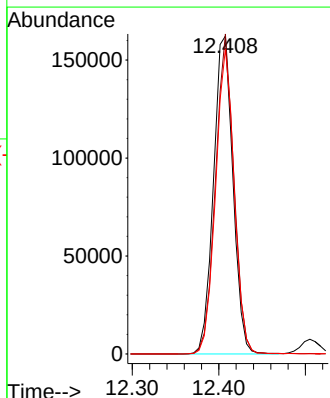
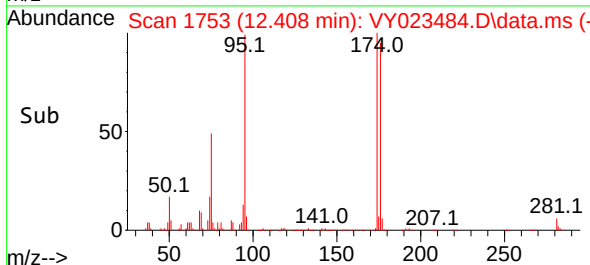
Reviewed By :John Carlone 10/17/2025
Supervised By :Mahesh Dadoda 10/17/2025

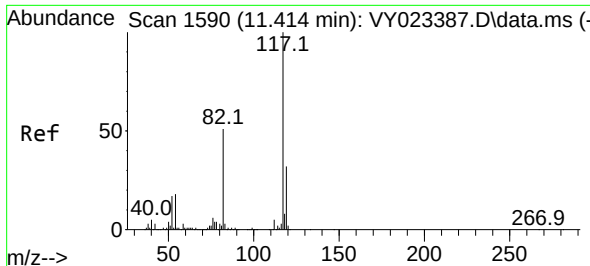


#62
4-Bromofluorobenzene
Concen: 45.520 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY023484.D
Acq: 16 Oct 2025 10:40



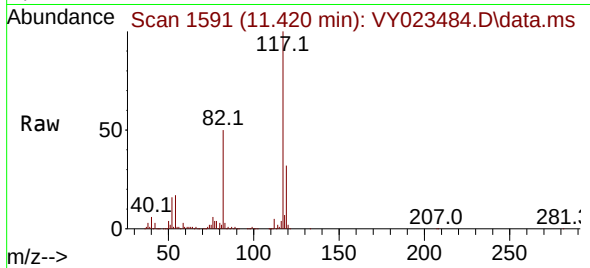
Tgt Ion: 95 Resp: 252957
Ion Ratio Lower Upper
95 100
174 95.4 0.0 192.8
176 92.0 0.0 187.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 11591
Delta R.T. 0.006 min
Lab File: VY023484.D
Acq: 16 Oct 2025 10:40

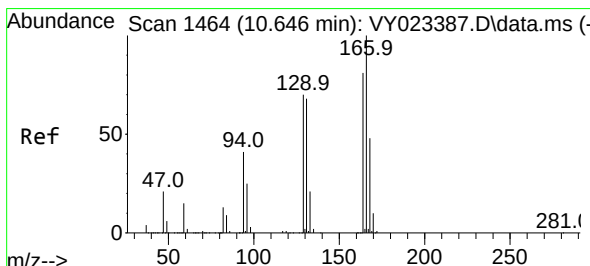
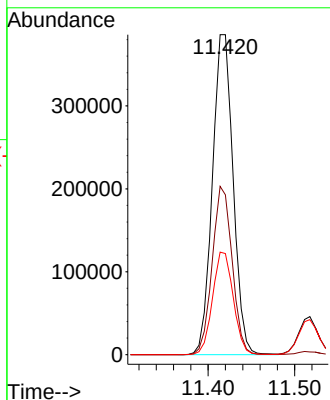
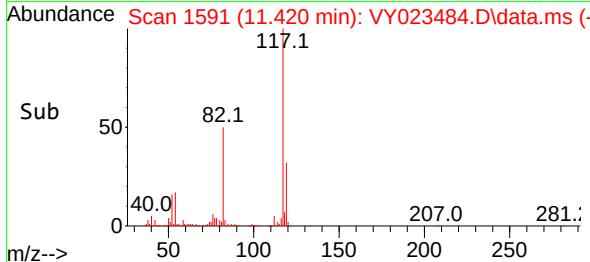
Instrument :
MSVOA_Y
ClientSampleId :
VY1016SBSD01



Tgt Ion:117 Resp: 641480
Ion Ratio Lower Upper
117 100
82 49.9 41.0 61.4
119 31.6 25.6 38.4

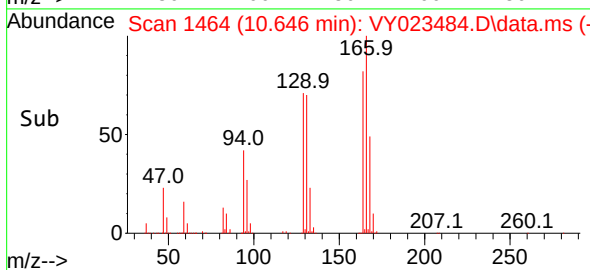
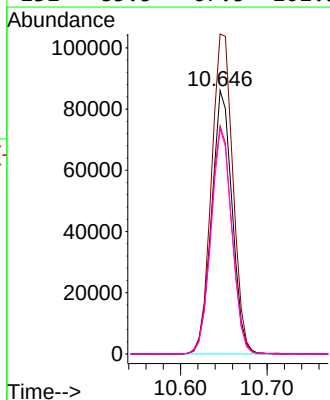
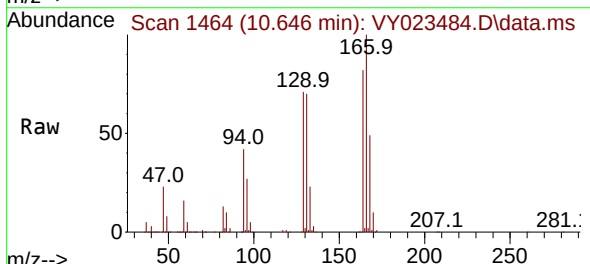
Manual Integrations
APPROVED

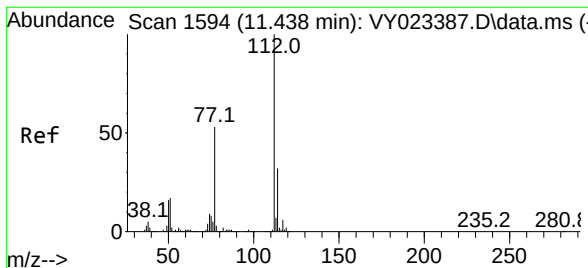
Reviewed By :John Carlone 10/17/2025
Supervised By :Mahesh Dadoda 10/17/2025



#64
Tetrachloroethene
Concen: 21.369 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VY023484.D
Acq: 16 Oct 2025 10:40

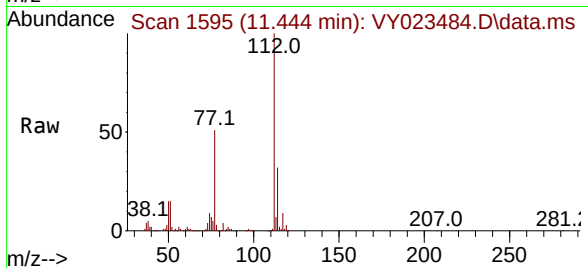
Tgt Ion:164 Resp: 141537
Ion Ratio Lower Upper
164 100
166 121.5 99.4 149.0
129 86.7 69.4 104.2
131 85.5 67.5 101.3





#65
Chlorobenzene
Concen: 21.072 ug/l
RT: 11.444 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023484.D
Acq: 16 Oct 2025 10:40

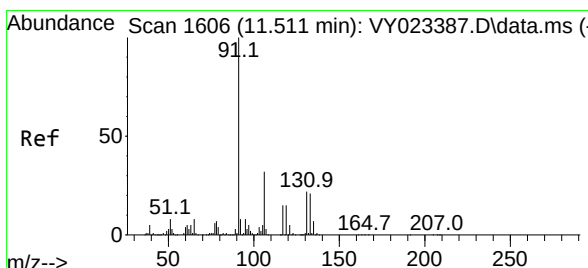
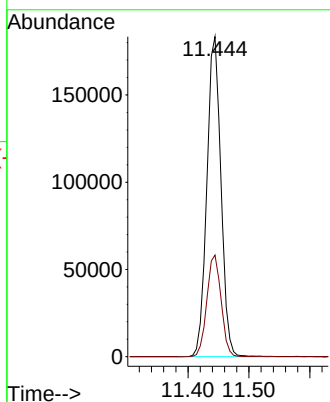
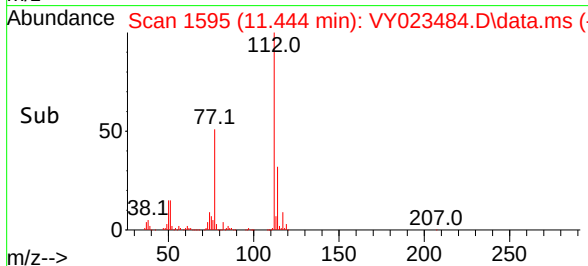
Instrument :
MSVOA_Y
ClientSampleId :
VY1016SBSD01



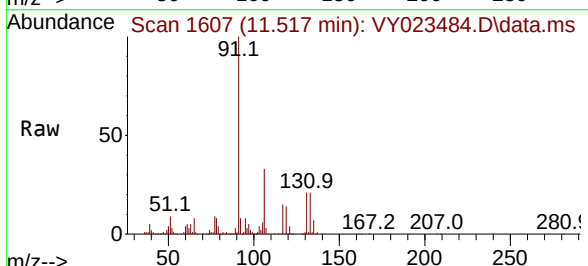
Tgt Ion:112 Resp: 293990
Ion Ratio Lower Upper
112 100
114 31.7 25.6 38.4

Manual Integrations
APPROVED

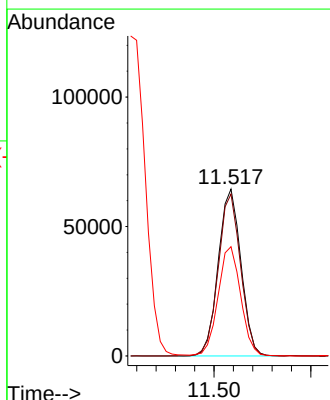
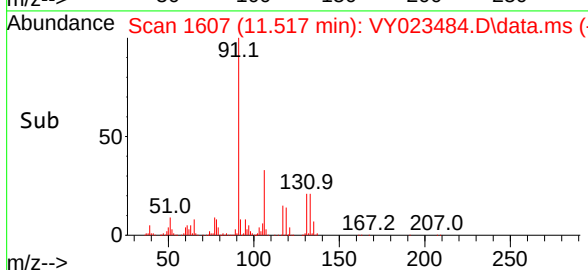
Reviewed By :John Carlone 10/17/2025
Supervised By :Mahesh Dadoda 10/17/2025

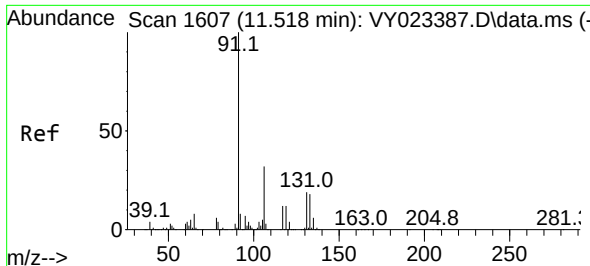


#66
1,1,1,2-Tetrachloroethane
Concen: 21.066 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. 0.006 min
Lab File: VY023484.D
Acq: 16 Oct 2025 10:40



Tgt Ion:131 Resp: 104738
Ion Ratio Lower Upper
131 100
133 95.9 48.4 145.2
119 65.6 32.4 97.2





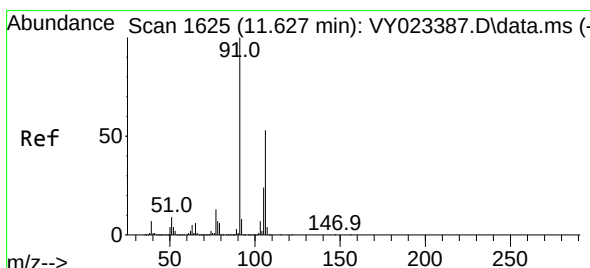
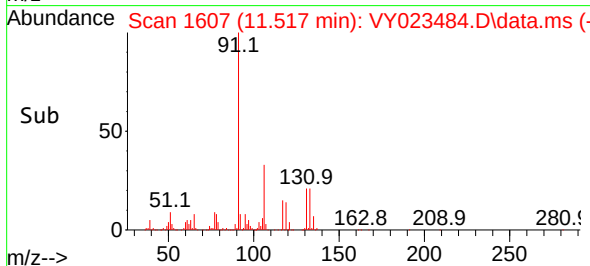
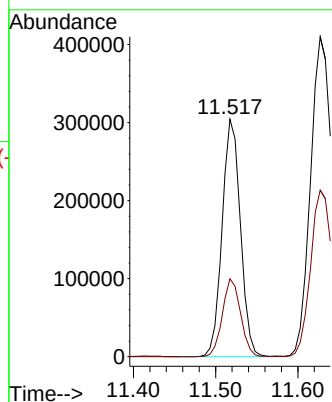
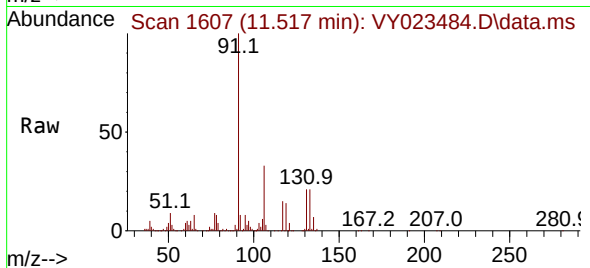
#67
Ethyl Benzene
Concen: 20.805 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. -0.000 min
Lab File: VY023484.D
Acq: 16 Oct 2025 10:40

Instrument :
MSVOA_Y
ClientSampleId :
VY1016SBSD01

Tgt Ion: 91 Resp: 469868
Ion Ratio Lower Upper
91 100
106 32.8 25.8 38.8

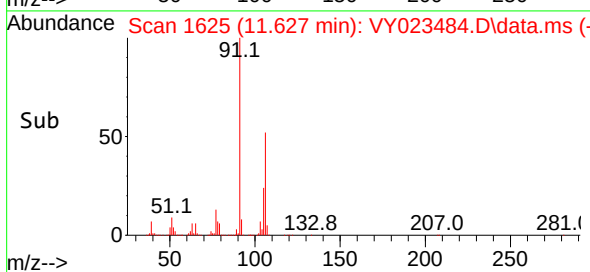
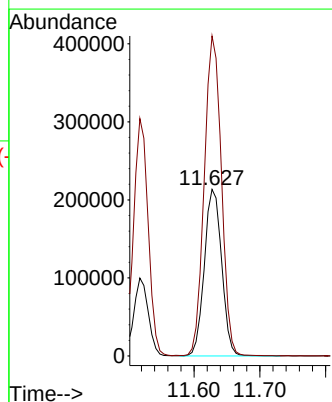
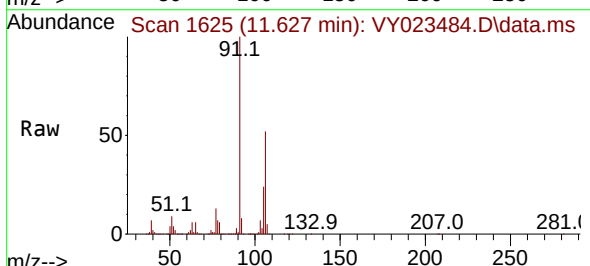
Manual Integrations
APPROVED

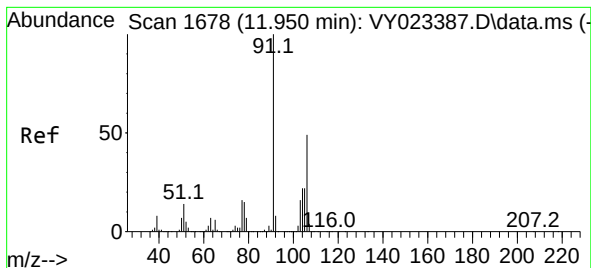
Reviewed By :John Carlone 10/17/2025
Supervised By :Mahesh Dadoda 10/17/2025



#68
m/p-Xylenes
Concen: 43.131 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. -0.000 min
Lab File: VY023484.D
Acq: 16 Oct 2025 10:40

Tgt Ion:106 Resp: 390697
Ion Ratio Lower Upper
106 100
91 190.3 152.6 229.0





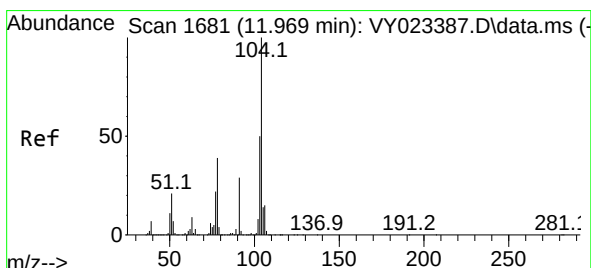
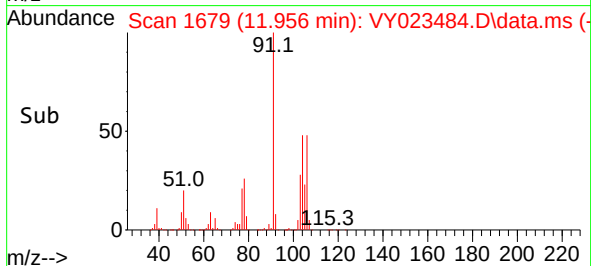
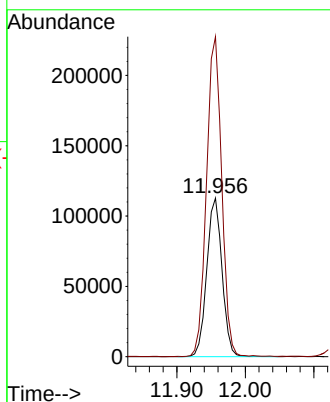
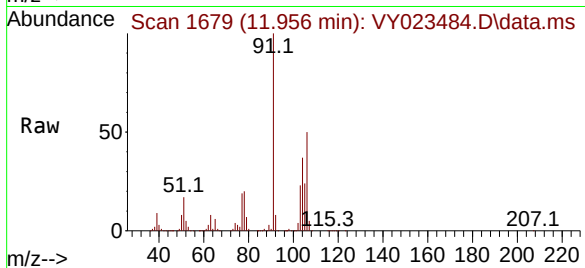
#69
o-Xylene
Concen: 20.508 ug/l
RT: 11.956 min Scan# 1106
Delta R.T. 0.006 min
Lab File: VY023484.D
Acq: 16 Oct 2025 10:40

Instrument :
MSVOA_Y
ClientSampleId :
VY1016SBSD01

Tgt Ion:106 Resp: 174249
Ion Ratio Lower Upper
106 100
91 202.2 101.4 304.1

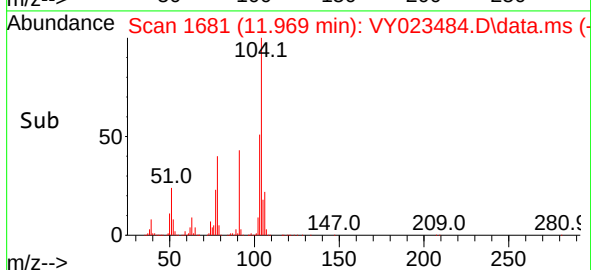
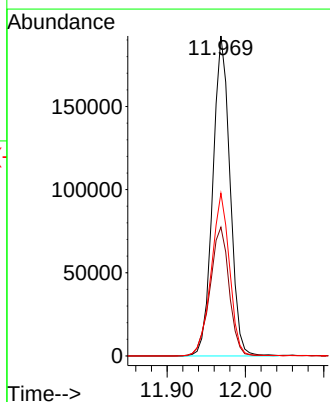
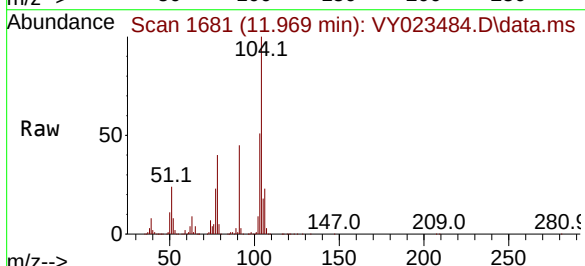
Manual Integrations
APPROVED

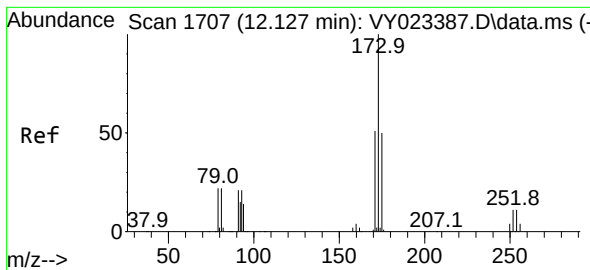
Reviewed By :John Carlone 10/17/2025
Supervised By :Mahesh Dadoda 10/17/2025



#70
Styrene
Concen: 21.101 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VY023484.D
Acq: 16 Oct 2025 10:40

Tgt Ion:104 Resp: 294821
Ion Ratio Lower Upper
104 100
78 44.7 36.1 54.1
103 53.8 43.2 64.8





#71

Bromoform

Concen: 19.483 ug/l

RT: 12.133 min Scan# 1707

Delta R.T. 0.006 min

Lab File: VY023484.D

Acq: 16 Oct 2025 10:40

Instrument :

MSVOA_Y

ClientSampleId :

VY1016SBS01

Tgt Ion:173 Resp: 60080

Ion Ratio Lower Upper

173 100

175 47.6 24.8 74.3

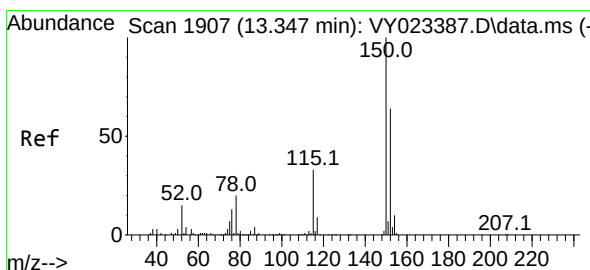
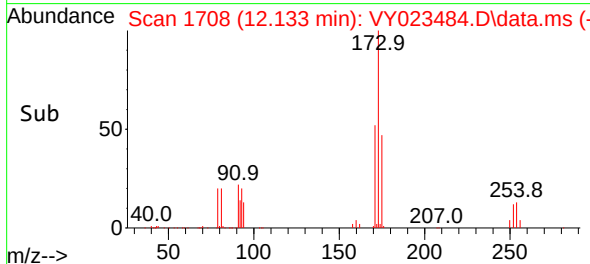
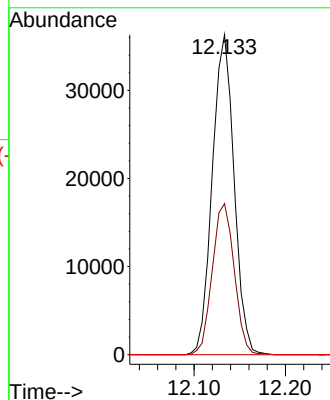
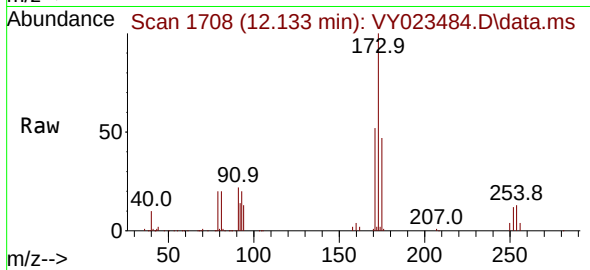
254 0.0 0.1 0.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/17/2025

Supervised By :Mahesh Dadoda 10/17/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY023484.D

Acq: 16 Oct 2025 10:40

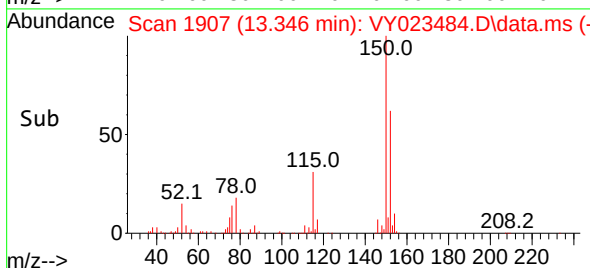
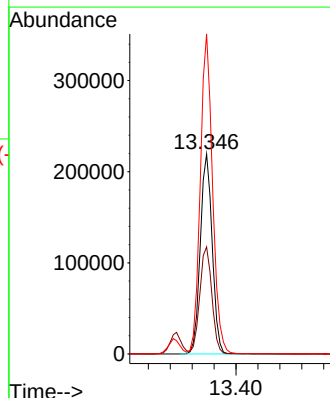
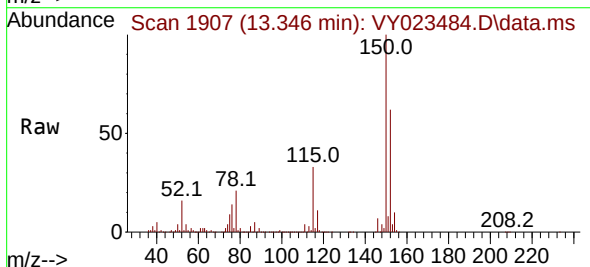
Tgt Ion:152 Resp: 331485

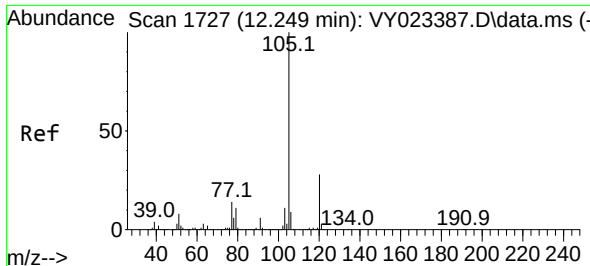
Ion Ratio Lower Upper

152 100

115 54.1 27.1 81.2

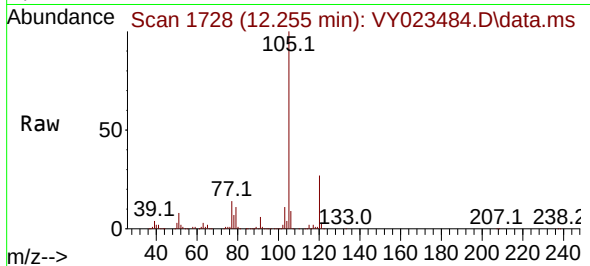
150 164.6 0.0 347.4





#73
Isopropylbenzene
Concen: 20.917 ug/l
RT: 12.255 min Scan# 1728
Delta R.T. 0.006 min
Lab File: VY023484.D
Acq: 16 Oct 2025 10:40

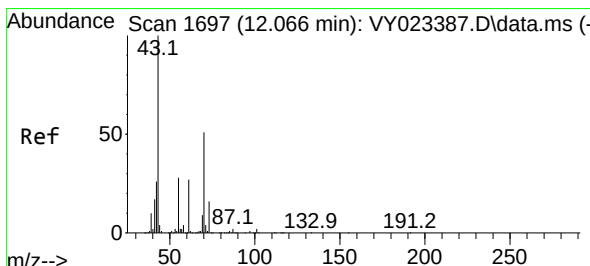
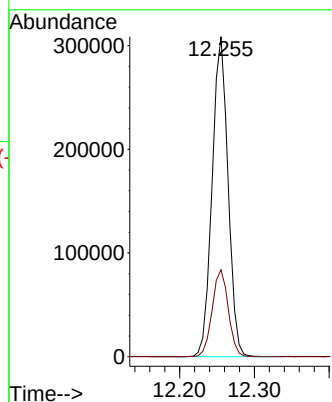
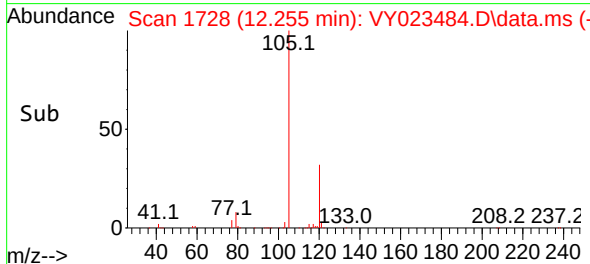
Instrument :
MSVOA_Y
ClientSampleId :
VY1016SBS01



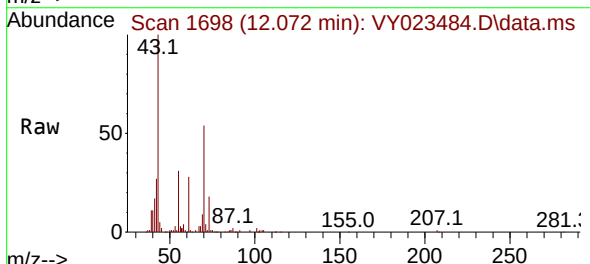
Tgt Ion:105 Resp: 456938
Ion Ratio Lower Upper
105 100
120 27.5 13.9 41.7

Manual Integrations
APPROVED

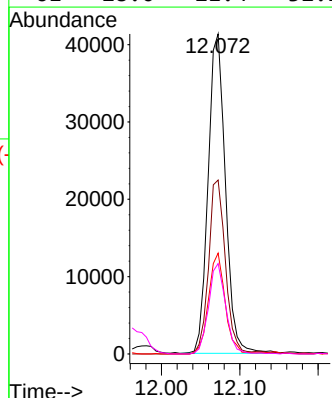
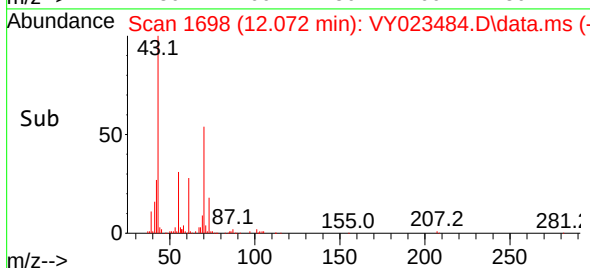
Reviewed By :John Carlone 10/17/2025
Supervised By :Mahesh Dadoda 10/17/2025

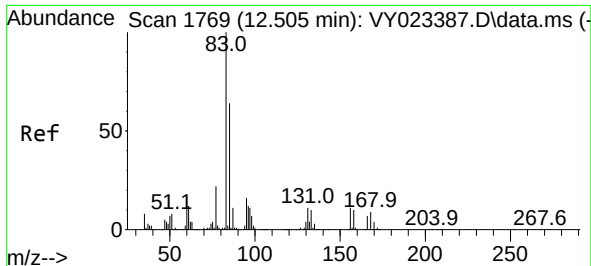


#74
N-ethyl acetate
Concen: 16.170 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.006 min
Lab File: VY023484.D
Acq: 16 Oct 2025 10:40



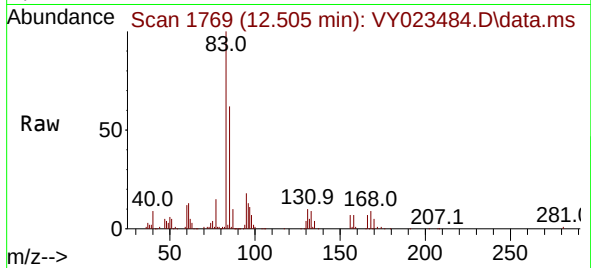
Tgt Ion: 43 Resp: 63447
Ion Ratio Lower Upper
43 100
70 52.6 41.1 61.7
55 30.3 23.0 34.6
61 28.0 21.4 32.2





#75
1,1,2,2-Tetrachloroethane
Concen: 18.555 ug/l
RT: 12.505 min Scan# 1769
Delta R.T. -0.000 min
Lab File: VY023484.D
Acq: 16 Oct 2025 10:40

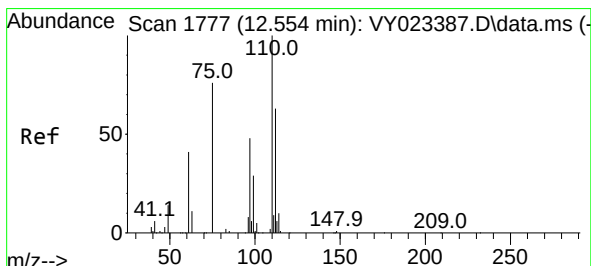
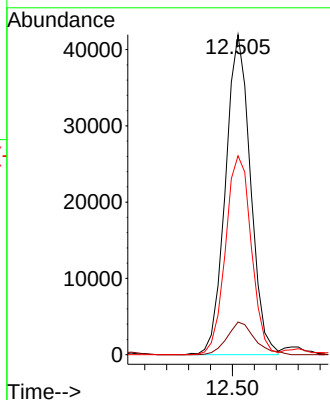
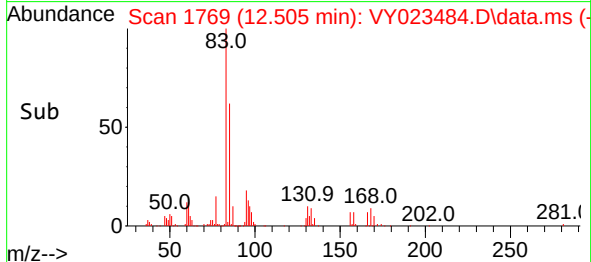
Instrument :
MSVOA_Y
ClientSampleId :
VY1016SBSD01



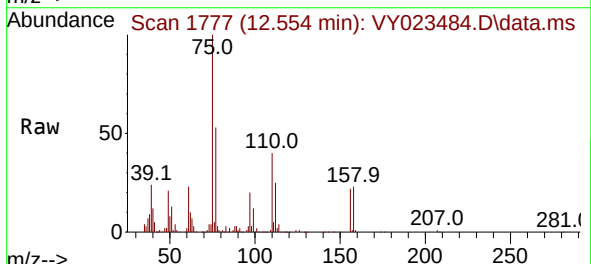
Tgt Ion: 83 Resp: 66295
Ion Ratio Lower Upper
83 100
131 11.3 5.9 17.6
85 64.2 31.8 95.3

Manual Integrations
APPROVED

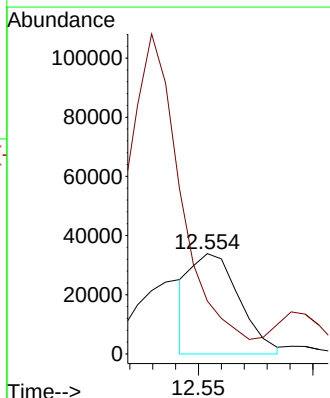
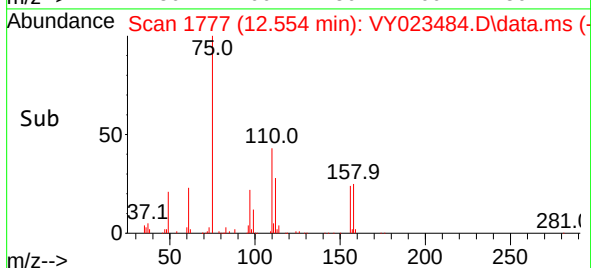
Reviewed By :John Carlone 10/17/2025
Supervised By :Mahesh Dadoda 10/17/2025

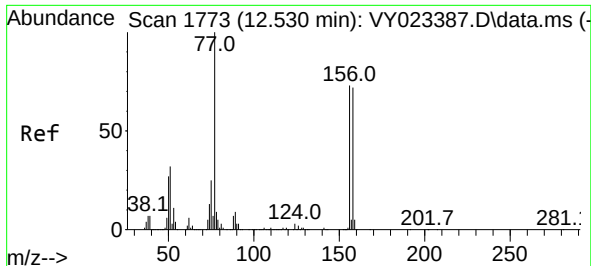


#76
1,2,3-Trichloropropane
Concen: 17.107 ug/l m
RT: 12.554 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VY023484.D
Acq: 16 Oct 2025 10:40



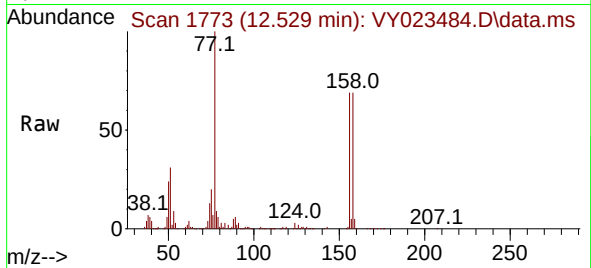
Tgt Ion: 75 Resp: 50031
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77
Bromobenzene
Concen: 20.204 ug/l
RT: 12.529 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VY023484.D
Acq: 16 Oct 2025 10:40

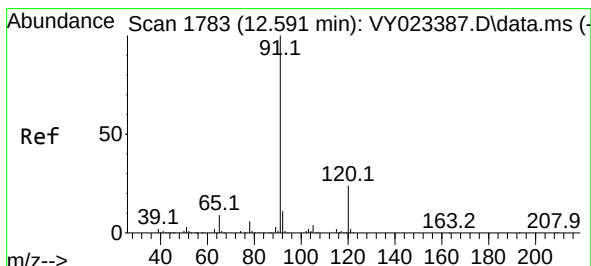
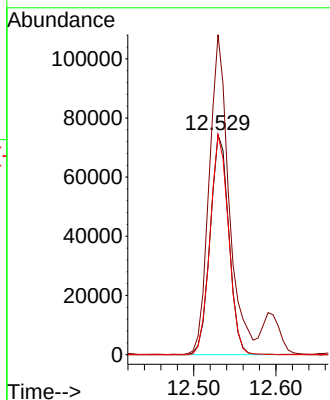
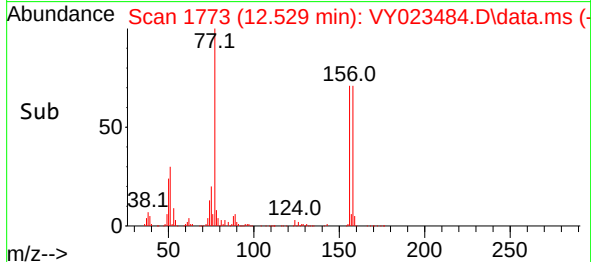
Instrument :
MSVOA_Y
ClientSampleId :
VY1016SBSD01



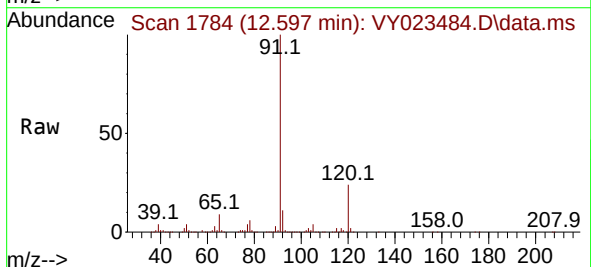
Tgt Ion:156 Resp: 117334
Ion Ratio Lower Upper
156 100
77 153.8 76.8 230.5
158 98.9 49.0 147.2

Manual Integrations
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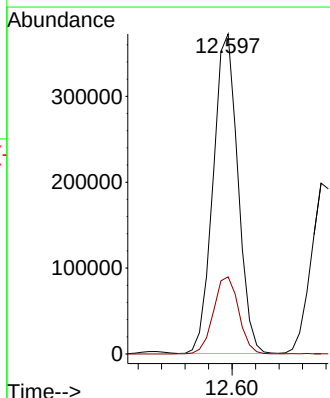
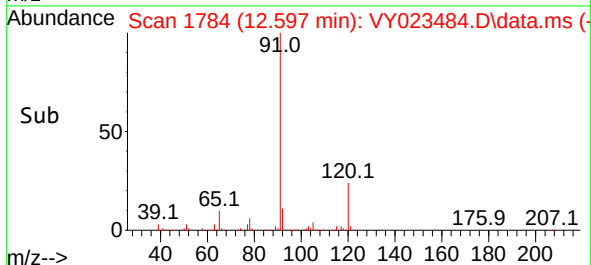
Reviewed By :John Carlone 10/17/2025
Supervised By :Mahesh Dadoda 10/17/2025

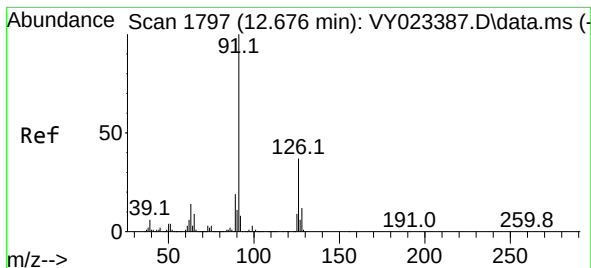


#78
n-propylbenzene
Concen: 21.547 ug/l
RT: 12.597 min Scan# 1784
Delta R.T. 0.006 min
Lab File: VY023484.D
Acq: 16 Oct 2025 10:40



Tgt Ion: 91 Resp: 544694
Ion Ratio Lower Upper
91 100
120 24.6 12.3 36.8





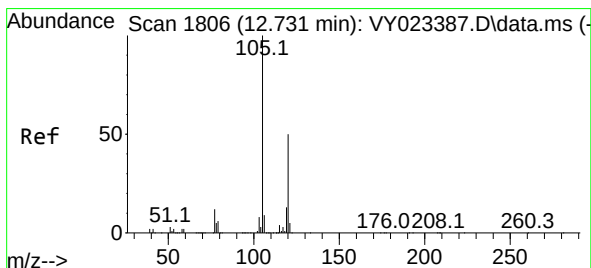
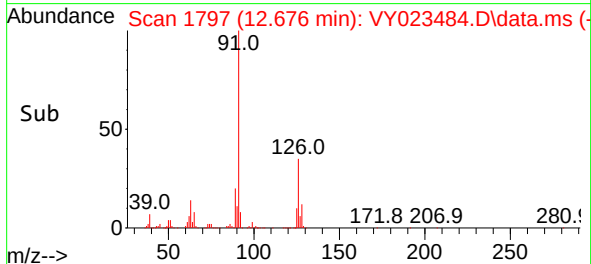
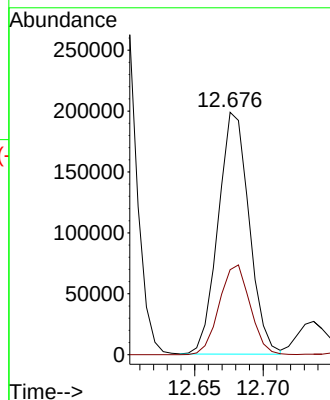
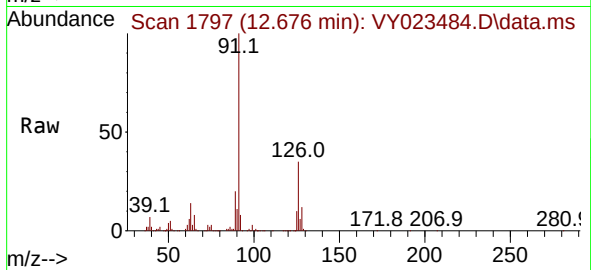
#79
2-Chlorotoluene
Concen: 21.117 ug/l
RT: 12.676 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VY023484.D
Acq: 16 Oct 2025 10:40

Instrument :
MSVOA_Y
ClientSampleId :
VY1016SBSD01

Tgt Ion: 91 Resp: 31260
Ion Ratio Lower Upper
91 100
126 36.9 18.5 55.5

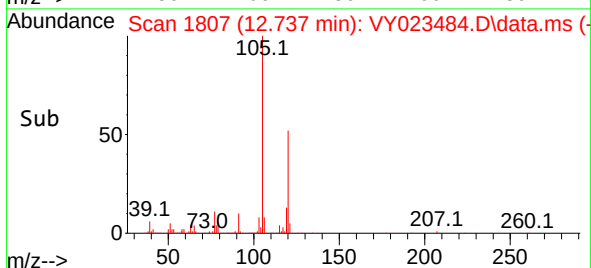
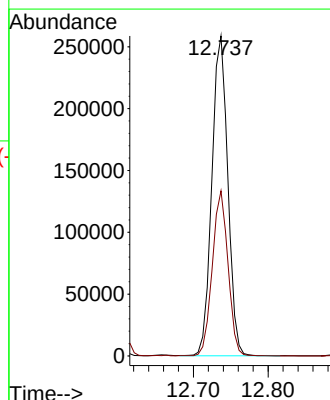
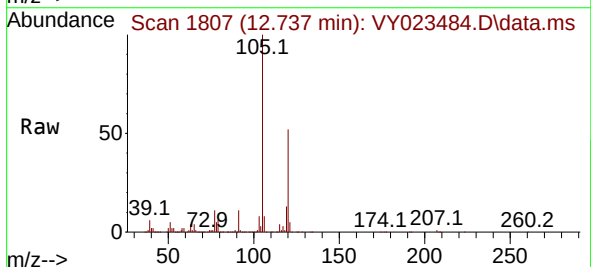
Manual Integrations
APPROVED

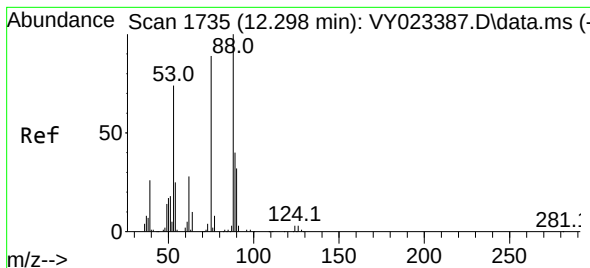
Reviewed By :John Carlone 10/17/2025
Supervised By :Mahesh Dadoda 10/17/2025



#80
1,3,5-Trimethylbenzene
Concen: 21.713 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.006 min
Lab File: VY023484.D
Acq: 16 Oct 2025 10:40

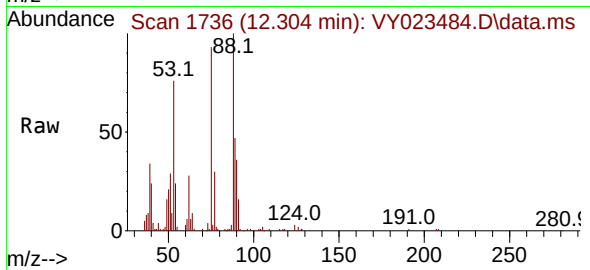
Tgt Ion:105 Resp: 383296
Ion Ratio Lower Upper
105 100
120 51.0 25.4 76.4





#81
trans-1,4-Dichloro-2-butene
Concen: 17.702 ug/l
RT: 12.304 min Scan# 1735
Delta R.T. 0.006 min
Lab File: VY023484.D
Acq: 16 Oct 2025 10:40

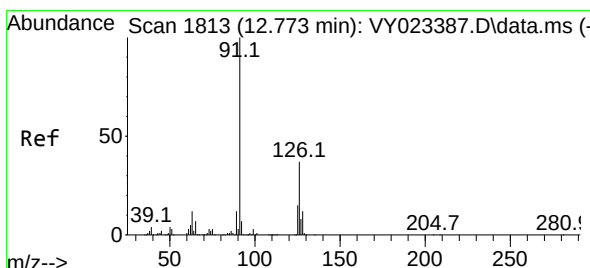
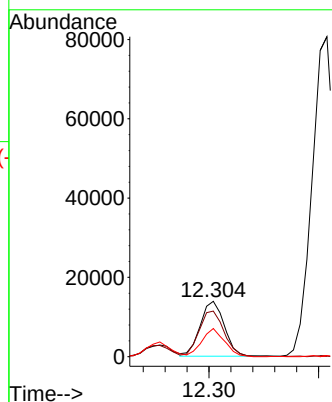
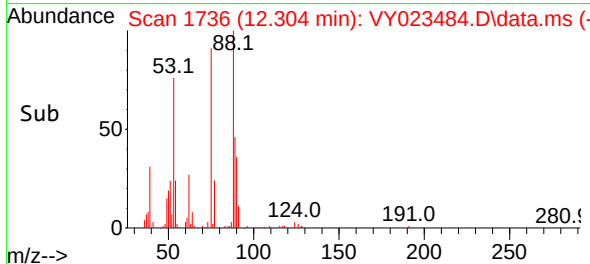
Instrument :
MSVOA_Y
ClientSampleId :
VY1016SBSD01



Tgt Ion: 75 Resp: 2111
Ion Ratio Lower Upper
75 100
53 86.9 68.6 102.8
89 48.1 39.0 58.4

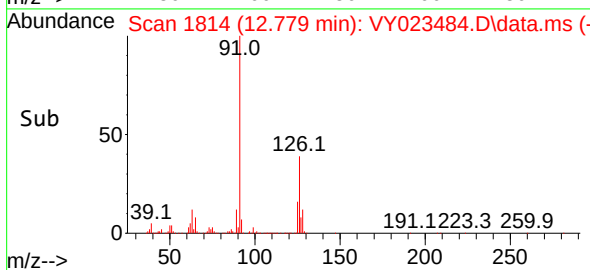
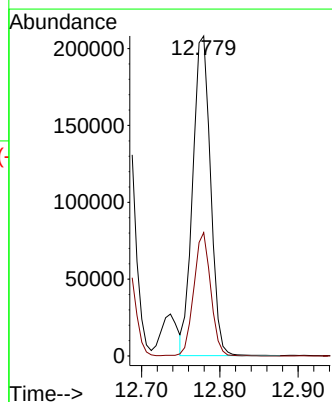
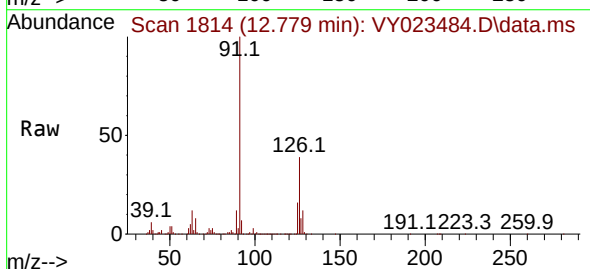
Manual Integrations
APPROVED

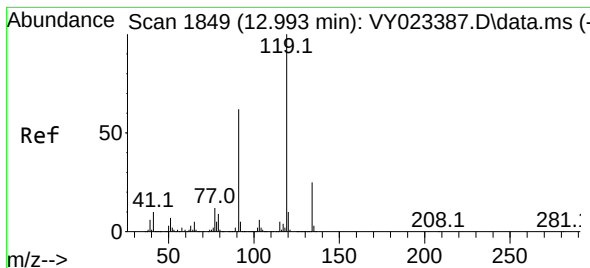
Reviewed By :John Carlone 10/17/2025
Supervised By :Mahesh Dadoda 10/17/2025



#82
4-Chlorotoluene
Concen: 21.542 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. 0.006 min
Lab File: VY023484.D
Acq: 16 Oct 2025 10:40

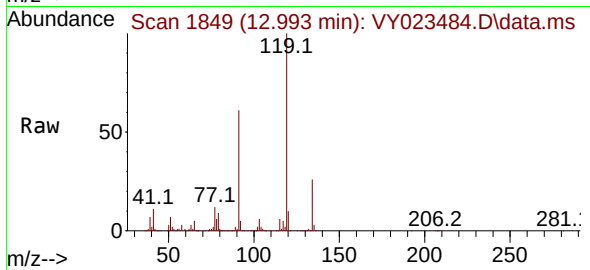
Tgt Ion: 91 Resp: 328432
Ion Ratio Lower Upper
91 100
126 36.6 18.4 55.4





#83
tert-Butylbenzene
Concen: 20.995 ug/l
RT: 12.993 min Scan# 1849
Delta R.T. -0.000 min
Lab File: VY023484.D
Acq: 16 Oct 2025 10:40

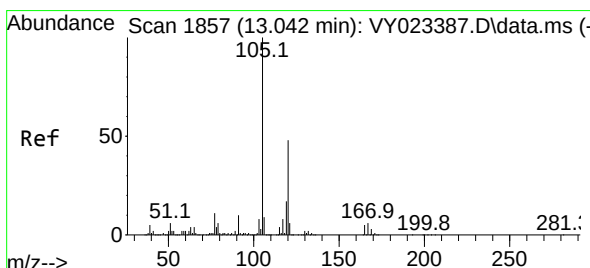
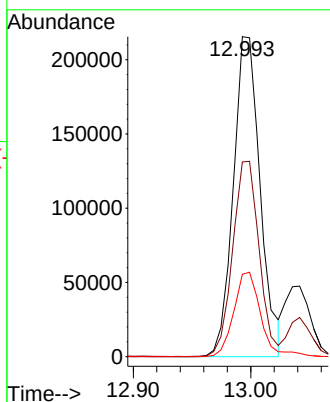
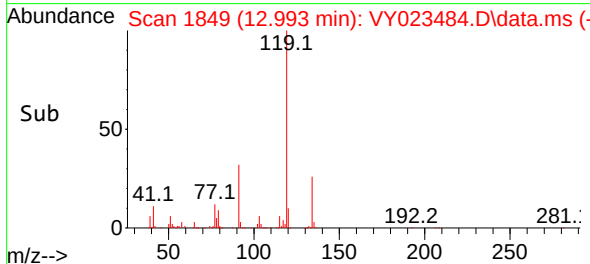
Instrument :
MSVOA_Y
ClientSampleId :
VY1016SBSD01



Tgt Ion:119 Resp: 342195
Ion Ratio Lower Upper
119 100
91 60.2 29.9 89.8
134 26.5 12.9 38.7

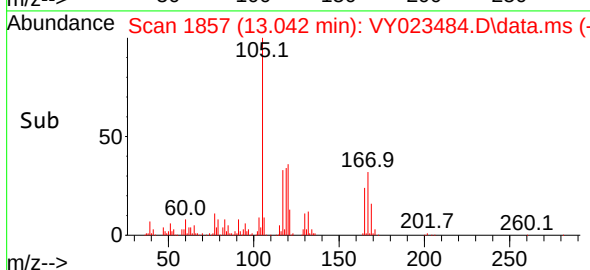
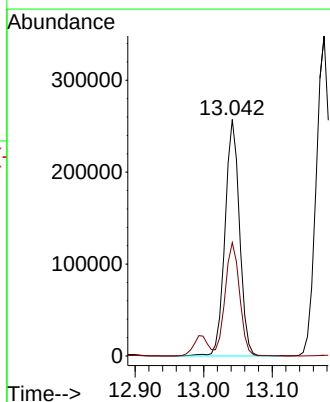
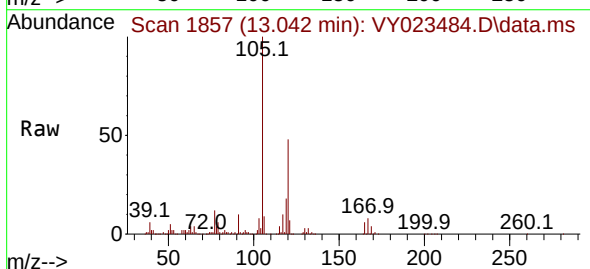
Manual Integrations
APPROVED

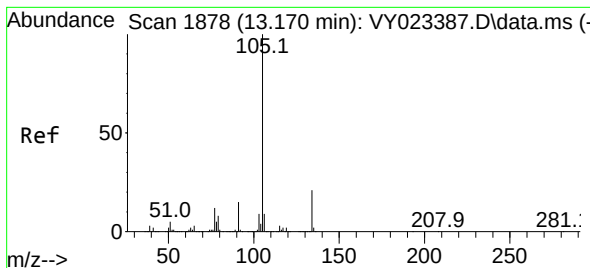
Reviewed By :John Carlone 10/17/2025
Supervised By :Mahesh Dadoda 10/17/2025



#84
1,2,4-Trimethylbenzene
Concen: 21.426 ug/l
RT: 13.042 min Scan# 1857
Delta R.T. -0.000 min
Lab File: VY023484.D
Acq: 16 Oct 2025 10:40

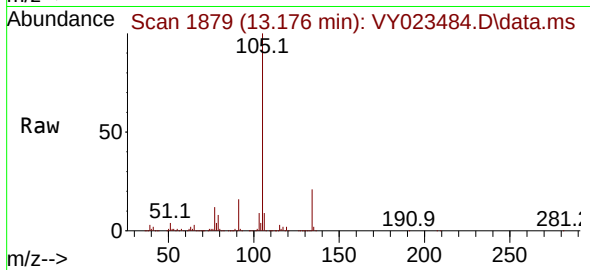
Tgt Ion:105 Resp: 377464
Ion Ratio Lower Upper
105 100
120 47.4 23.8 71.2





#85
 sec-Butylbenzene
 Concen: 21.575 ug/l
 RT: 13.176 min Scan# 1878
 Delta R.T. 0.006 min
 Lab File: VY023484.D
 Acq: 16 Oct 2025 10:40

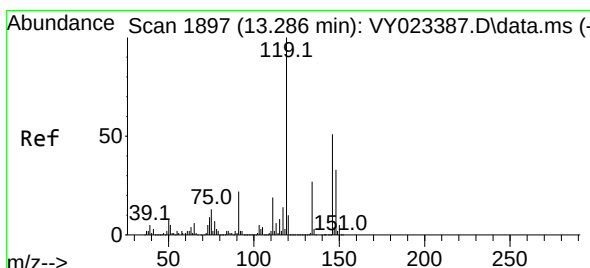
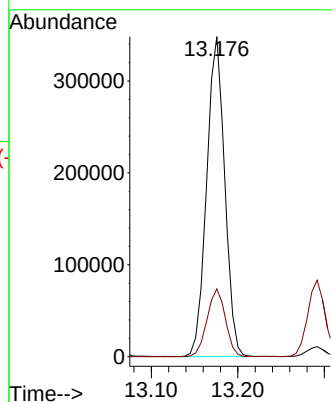
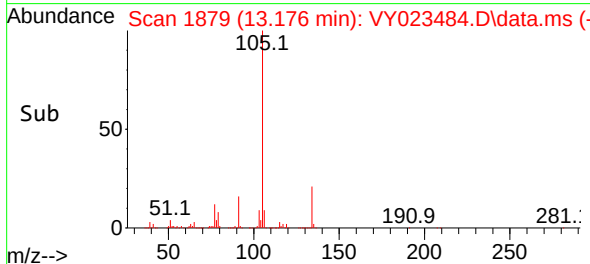
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1016SBSD01



Tgt Ion:105 Resp: 504420
 Ion Ratio Lower Upper
 105 100
 134 21.5 10.7 32.1

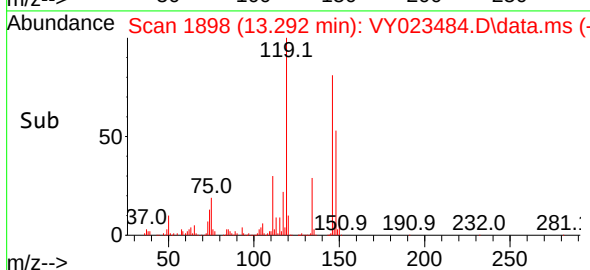
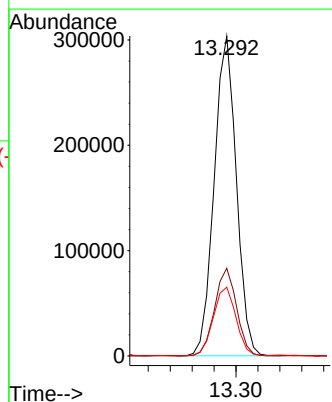
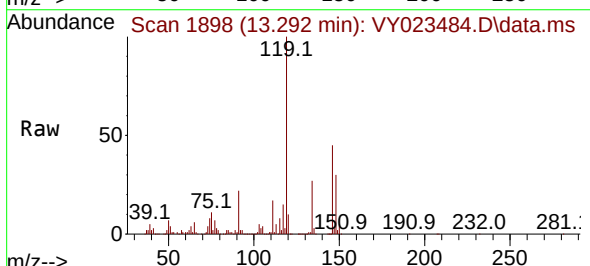
Manual Integrations
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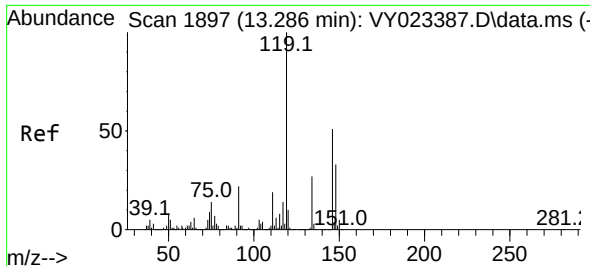
Reviewed By :John Carlone 10/17/2025
 Supervised By :Mahesh Dadoda 10/17/2025



#86
 p-Isopropyltoluene
 Concen: 21.425 ug/l
 RT: 13.292 min Scan# 1898
 Delta R.T. 0.006 min
 Lab File: VY023484.D
 Acq: 16 Oct 2025 10:40

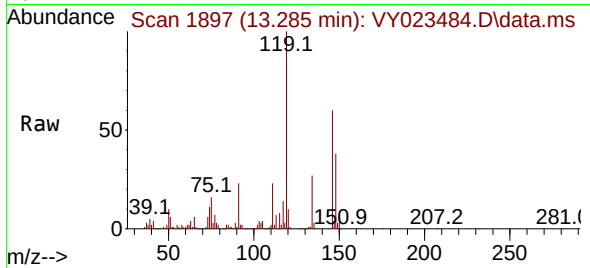
Tgt Ion:119 Resp: 426494
 Ion Ratio Lower Upper
 119 100
 134 27.3 13.6 40.7
 91 21.9 10.9 32.9





#87
1,3-Dichlorobenzene
Concen: 20.997 ug/l
RT: 13.285 min Scan# 1897
Delta R.T. -0.000 min
Lab File: VY023484.D
Acq: 16 Oct 2025 10:40

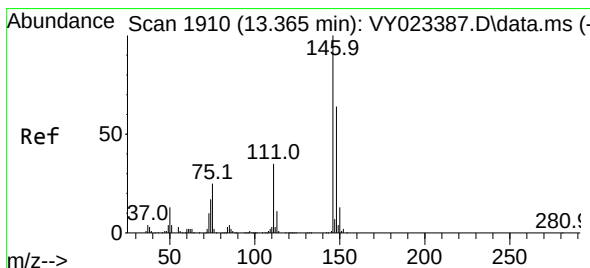
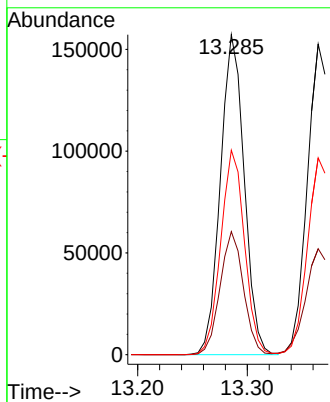
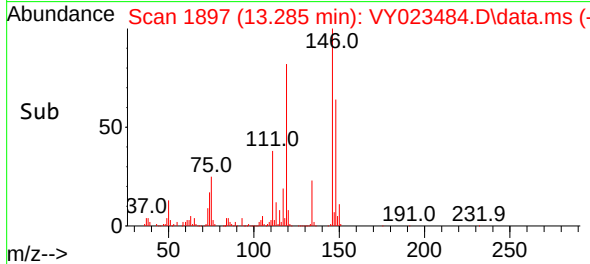
Instrument :
MSVOA_Y
ClientSampleId :
VY1016SBSD01



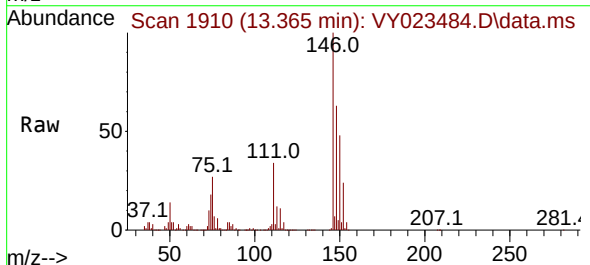
Tgt Ion:146 Resp: 23745
Ion Ratio Lower Upper
146 100
111 37.8 18.7 56.1
148 63.8 31.9 95.9

Manual Integrations
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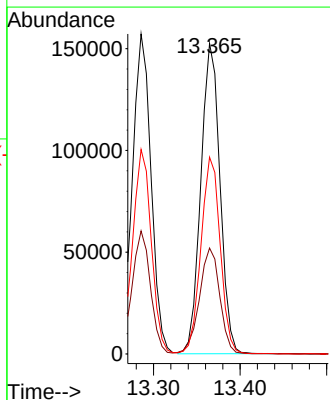
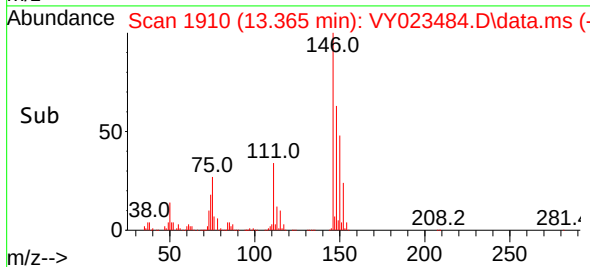
Reviewed By :John Carlone 10/17/2025
Supervised By :Mahesh Dadoda 10/17/2025

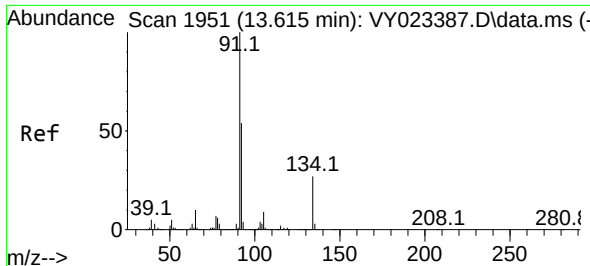


#88
1,4-Dichlorobenzene
Concen: 20.994 ug/l
RT: 13.365 min Scan# 1910
Delta R.T. -0.000 min
Lab File: VY023484.D
Acq: 16 Oct 2025 10:40



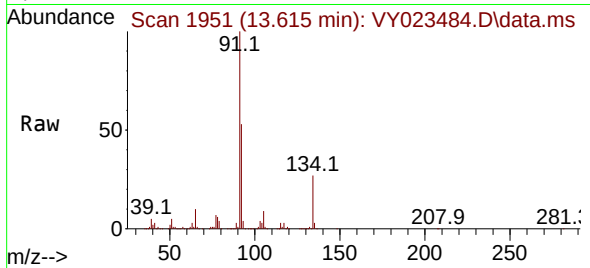
Tgt Ion:146 Resp: 234494
Ion Ratio Lower Upper
146 100
111 36.1 18.0 54.0
148 63.6 31.9 95.7





#89
n-Butylbenzene
Concen: 21.005 ug/l
RT: 13.615 min Scan# 1951
Delta R.T. -0.000 min
Lab File: VY023484.D
Acq: 16 Oct 2025 10:40

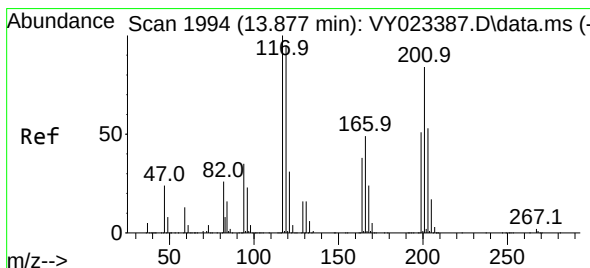
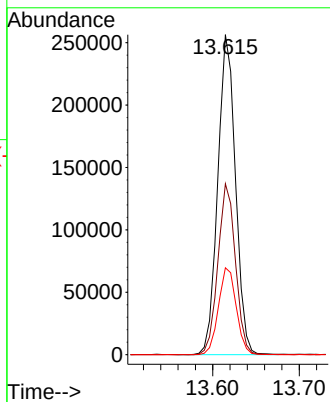
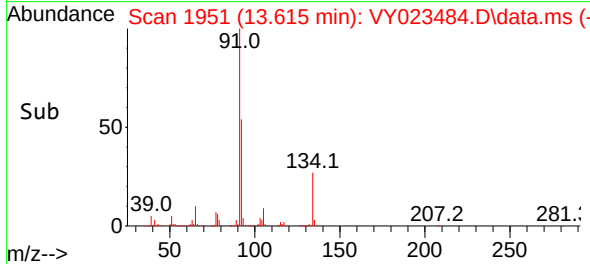
Instrument :
MSVOA_Y
ClientSampleId :
VY1016SBSD01



Tgt Ion: 91 Resp: 364340
Ion Ratio Lower Upper
91 100
92 52.9 27.0 80.8
134 27.4 14.1 42.2

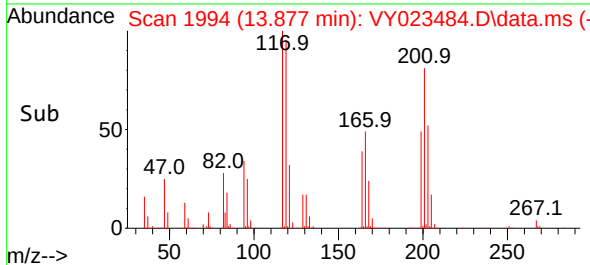
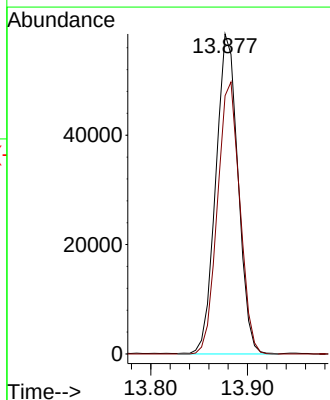
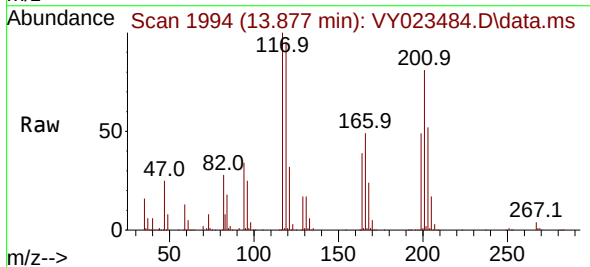
Manual Integrations
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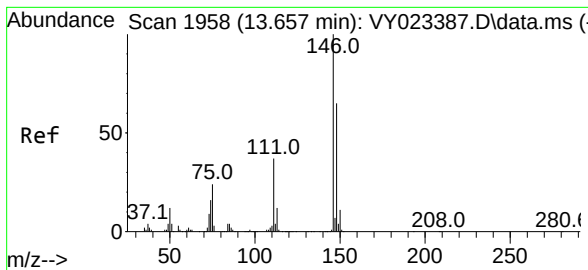
Reviewed By :John Carlone 10/17/2025
Supervised By :Mahesh Dadoda 10/17/2025



#90
Hexachloroethane
Concen: 21.810 ug/l
RT: 13.877 min Scan# 1994
Delta R.T. -0.000 min
Lab File: VY023484.D
Acq: 16 Oct 2025 10:40

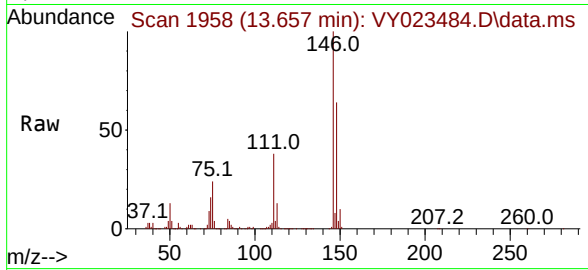
Tgt Ion:117 Resp: 93382
Ion Ratio Lower Upper
117 100
201 85.3 43.8 131.4





#91
1,2-Dichlorobenzene
Concen: 20.523 ug/l
RT: 13.657 min Scan# 1958
Delta R.T. -0.000 min
Lab File: VY023484.D
Acq: 16 Oct 2025 10:40

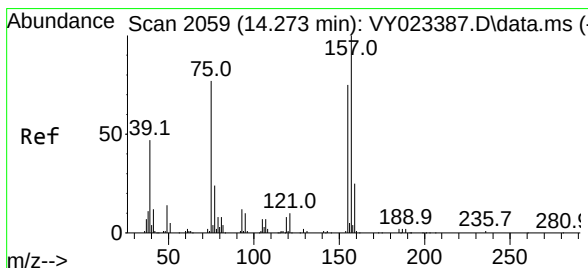
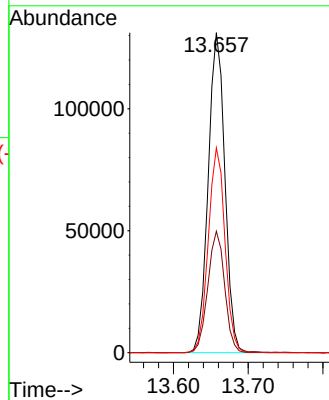
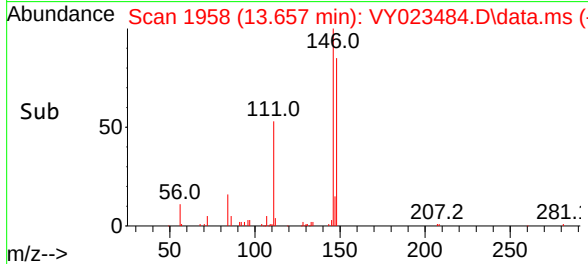
Instrument :
MSVOA_Y
ClientSampleId :
VY1016SBSD01



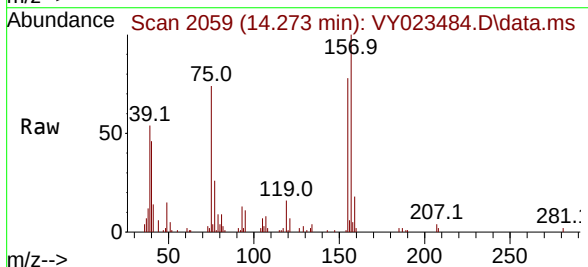
Tgt Ion:146 Resp: 203490
Ion Ratio Lower Upper
146 100
111 38.3 19.0 57.0
148 64.2 32.1 96.3

Manual Integrations
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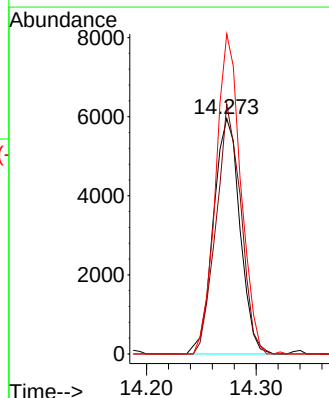
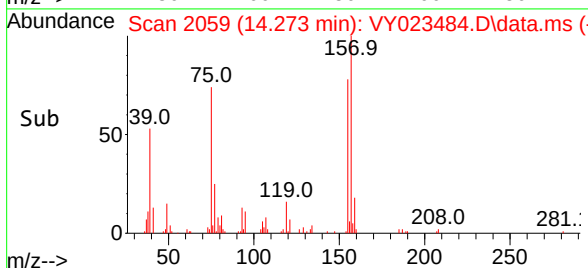
Reviewed By :John Carlone 10/17/2025
Supervised By :Mahesh Dadoda 10/17/2025

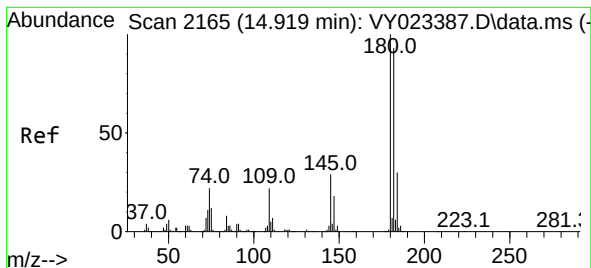


#92
1,2-Dibromo-3-Chloropropane
Concen: 17.056 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. -0.000 min
Lab File: VY023484.D
Acq: 16 Oct 2025 10:40



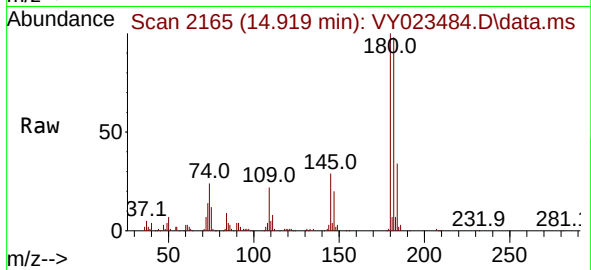
Tgt Ion: 75 Resp: 9999
Ion Ratio Lower Upper
75 100
155 98.7 50.0 150.0
157 128.1 63.8 191.5





#93
1,2,4-Trichlorobenzene
Concen: 18.293 ug/l
RT: 14.919 min Scan# 2165
Delta R.T. -0.000 min
Lab File: VY023484.D
Acq: 16 Oct 2025 10:40

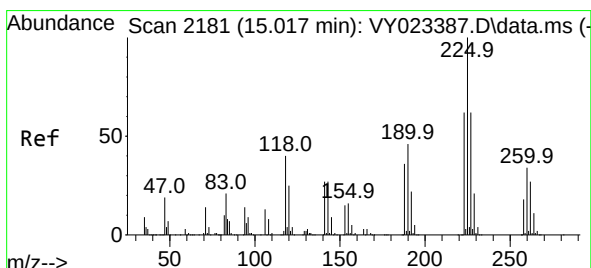
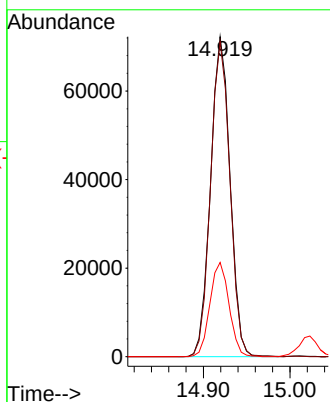
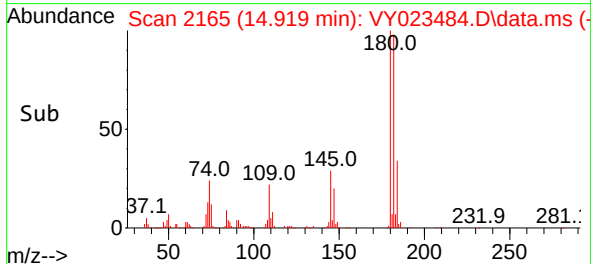
Instrument :
MSVOA_Y
ClientSampleId :
VY1016SBS01



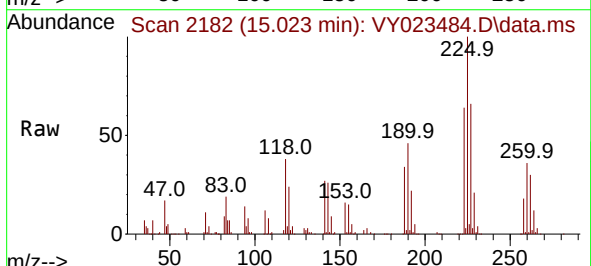
Tgt Ion:180 Resp: 11307
Ion Ratio Lower Upper
180 100
182 97.7 47.9 143.6
145 28.9 14.7 44.1

Manual Integrations
APPROVED

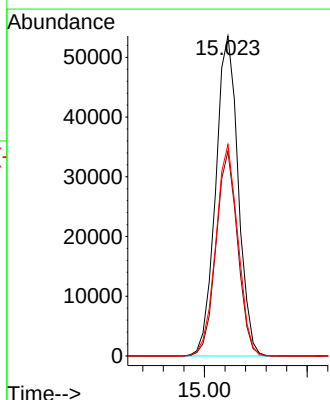
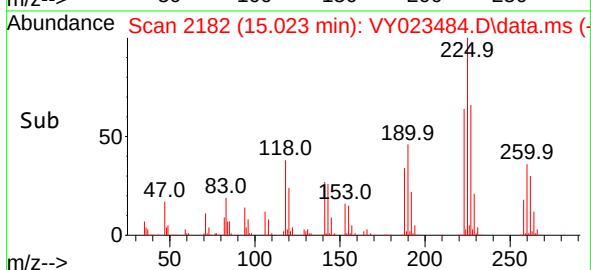
Reviewed By :John Carlone 10/17/2025
Supervised By :Mahesh Dadoda 10/17/2025

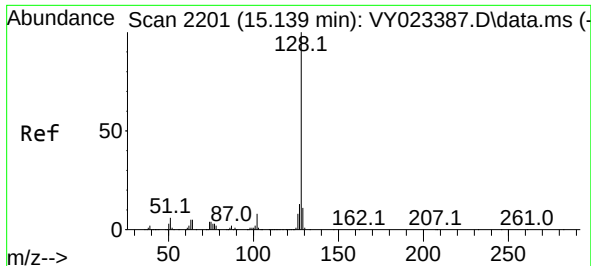


#94
Hexachlorobutadiene
Concen: 21.100 ug/l
RT: 15.023 min Scan# 2182
Delta R.T. 0.006 min
Lab File: VY023484.D
Acq: 16 Oct 2025 10:40



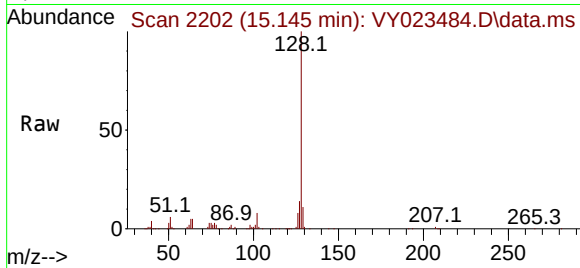
Tgt Ion:225 Resp: 81302
Ion Ratio Lower Upper
225 100
223 61.3 30.8 92.3
227 65.0 31.9 95.7





#95
Naphthalene
Concen: 15.106 ug/l
RT: 15.145 min Scan# 2201
Delta R.T. 0.006 min
Lab File: VY023484.D
Acq: 16 Oct 2025 10:40

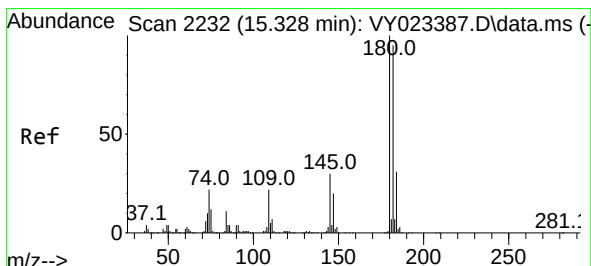
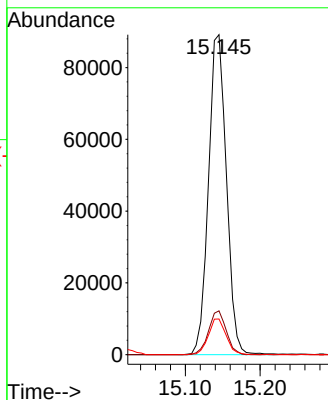
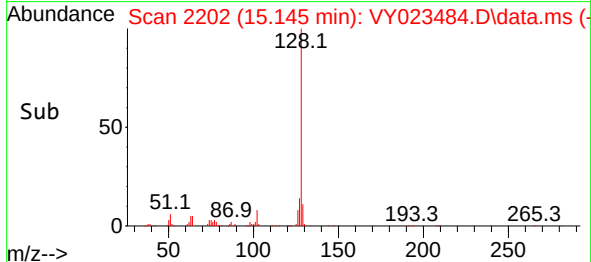
Instrument :
MSVOA_Y
ClientSampleId :
VY1016SBS01



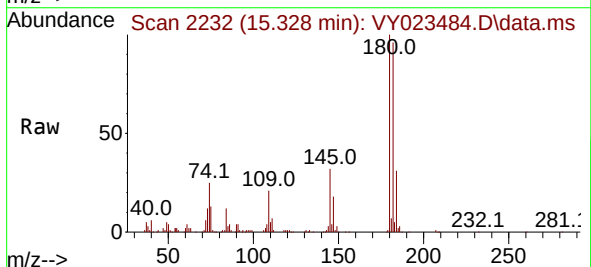
Tgt Ion:128 Resp: 148689
Ion Ratio Lower Upper
128 100
127 13.5 10.4 15.6
129 11.1 8.9 13.3

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/17/2025
Supervised By :Mahesh Dadoda 10/17/2025



#96
1,2,3-Trichlorobenzene
Concen: 17.892 ug/l
RT: 15.328 min Scan# 2232
Delta R.T. -0.000 min
Lab File: VY023484.D
Acq: 16 Oct 2025 10:40



Tgt Ion:180 Resp: 95795
Ion Ratio Lower Upper
180 100
182 96.4 47.9 143.8
145 30.9 15.3 45.9

