

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD073123\
 Data File : VD076885.D
 Acq On : 31 Jul 2023 20:15
 Operator : KP/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Aug 01 02:14:33 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071423S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 17 08:07:52 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/01/2023
 Supervised By : Mahesh Dadoda 08/01/2023

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	141610	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	252397	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	233608	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	114684	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	75244	53.346	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 106.700%			
35) Dibromofluoromethane	7.805	113	88945	56.078	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 112.160%			
50) Toluene-d8	10.269	98	286782	50.543	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 101.080%			
62) 4-Bromofluorobenzene	12.575	95	99075	53.976	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 107.960%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.928	85	53687	48.482	ug/l	96
3) Chloromethane	2.146	50	96601	50.570	ug/l	96
4) Vinyl Chloride	2.275	62	129663	50.920	ug/l	96
5) Bromomethane	2.675	94	93888	44.813	ug/l	98
6) Chloroethane	2.822	64	100431	52.237	ug/l	96
7) Trichlorofluoromethane	3.164	101	116215	51.290	ug/l	98
8) Diethyl Ether	3.587	74	38802	49.739	ug/l	83
9) 1,1,2-Trichlorotrifluo...	3.958	101	79949	53.678	ug/l	94
10) Methyl Iodide	4.158	142	83469	49.715	ug/l #	90
11) Tert butyl alcohol	5.069	59	28547	271.226	ug/l #	73
12) 1,1-Dichloroethene	3.934	96	68158	48.708	ug/l	90
13) Acrolein	3.787	56	17032	237.461	ug/l	93
14) Allyl chloride	4.546	41	92160	50.135	ug/l	93
15) Acrylonitrile	5.252	53	102599	267.774	ug/l	100
16) Acetone	4.022	43	64858	192.541	ug/l #	85
17) Carbon Disulfide	4.264	76	148000	45.284	ug/l	99
18) Methyl Acetate	4.564	43	70917	56.034	ug/l	94
19) Methyl tert-butyl Ether	5.311	73	195593	52.123	ug/l	99
20) Methylene Chloride	4.793	84	130426	68.922	ug/l	89
21) trans-1,2-Dichloroethene	5.305	96	82790	50.899	ug/l	97
22) Diisopropyl ether	6.216	45	240451	55.239	ug/l	93
23) Vinyl Acetate	6.152	43	573004	266.049	ug/l	93
24) 1,1-Dichloroethane	6.111	63	157754	53.751	ug/l	97
25) 2-Butanone	7.081	43	118737	263.376	ug/l	93
26) 2,2-Dichloropropane	7.069	77	122137	48.277	ug/l	96
27) cis-1,2-Dichloroethene	7.081	96	105657	52.692	ug/l	93
28) Bromochloromethane	7.428	49	35221	48.001	ug/l	85
29) Tetrahydrofuran	7.452	42	73694	276.665	ug/l	90
30) Chloroform	7.593	83	179577	55.865	ug/l	95
31) Cyclohexane	7.875	56	95774	46.139	ug/l	99
32) 1,1,1-Trichloroethane	7.793	97	142910	55.102	ug/l	99
36) 1,1-Dichloropropene	8.005	75	111697	53.893	ug/l	96
37) Ethyl Acetate	7.169	43	56586	61.050	ug/l	93
38) Carbon Tetrachloride	7.987	117	110772	55.818	ug/l	93
39) Methylcyclohexane	9.269	83	119408	49.896	ug/l	99
40) Benzene	8.246	78	350854	53.652	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	26437	46.708	ug/l #	83
42) 1,2-Dichloroethane	8.322	62	97360	57.299	ug/l	98
43) Isopropyl Acetate	8.357	43	100607	55.618	ug/l	94
44) Trichloroethene	9.022	130	92408	51.856	ug/l	99
45) 1,2-Dichloropropane	9.305	63	93578	55.435	ug/l	96
46) Dibromomethane	9.393	93	58178	58.879	ug/l	87
47) Bromodichloromethane	9.581	83	140477	56.653	ug/l	97
48) Methyl methacrylate	9.381	41	47022	57.115	ug/l #	81
49) 1,4-Dioxane	9.387	88	13823	1091.898	ug/l #	92
51) 4-Methyl-2-Pentanone	10.157	43	281732	292.523	ug/l	93
52) Toluene	10.334	92	227855	53.051	ug/l	98
53) t-1,3-Dichloropropene	10.552	75	123860	53.817	ug/l	97
54) cis-1,3-Dichloropropene	10.016	75	144824	53.392	ug/l #	91
55) 1,1,2-Trichloroethane	10.734	97	81066	56.184	ug/l	91
56) Ethyl methacrylate	10.599	69	92874	55.768	ug/l #	87
57) 1,3-Dichloropropane	10.881	76	130182	55.402	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	151320	234.741	ug/l	93
59) 2-Hexanone	10.922	43	190097	276.617	ug/l	91
60) Dibromochloromethane	11.075	129	97857	58.381	ug/l	98
61) 1,2-Dibromoethane	11.181	107	75384	56.353	ug/l	98
64) Tetrachloroethene	10.810	164	71460	53.646	ug/l	87
65) Chlorobenzene	11.604	112	256429	54.579	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.681	131	97607	55.800	ug/l	98
67) Ethyl Benzene	11.681	91	446838	54.154	ug/l	99
68) m/p-Xylenes	11.793	106	344342	108.661	ug/l	91
69) o-Xylene	12.122	106	165042	53.857	ug/l	91
70) Styrene	12.134	104	297744	55.503	ug/l	97
71) Bromoform	12.298	173	56867	59.359	ug/l #	98
73) Isopropylbenzene	12.422	105	443128	53.257	ug/l	95
74) N-amyl acetate	12.234	43	97205	55.454	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.675	83	103922	58.171	ug/l	96
76) 1,2,3-Trichloropropane	12.722	75	62886m	57.660	ug/l	
77) Bromobenzene	12.698	156	106097	55.242	ug/l	89
78) n-propylbenzene	12.763	91	551189	54.643	ug/l	94
79) 2-Chlorotoluene	12.845	91	297066	53.711	ug/l	96
80) 1,3,5-Trimethylbenzene	12.904	105	366051	54.408	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.469	75	26976	52.641	ug/l	94
82) 4-Chlorotoluene	12.945	91	311542	53.919	ug/l	94
83) tert-Butylbenzene	13.169	119	321363	54.249	ug/l	97
84) 1,2,4-Trimethylbenzene	13.210	105	362773	52.765	ug/l	98
85) sec-Butylbenzene	13.345	105	498052	55.029	ug/l	95
86) p-Isopropyltoluene	13.457	119	408432	54.642	ug/l	97
87) 1,3-Dichlorobenzene	13.457	146	216157	54.719	ug/l	98
88) 1,4-Dichlorobenzene	13.540	146	203968	52.701	ug/l	97
89) n-Butylbenzene	13.787	91	394239	53.900	ug/l	97
90) Hexachloroethane	14.051	117	82241	59.514	ug/l	84
91) 1,2-Dichlorobenzene	13.828	146	192484	55.297	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.445	75	13362	52.457	ug/l	99
93) 1,2,4-Trichlorobenzene	15.098	180	113288	53.309	ug/l	97
94) Hexachlorobutadiene	15.204	225	53370	52.219	ug/l	99
95) Naphthalene	15.334	128	251492	54.656	ug/l	97
96) 1,2,3-Trichlorobenzene	15.522	180	102491	53.744	ug/l	98

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Response via : Initial Calibration

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

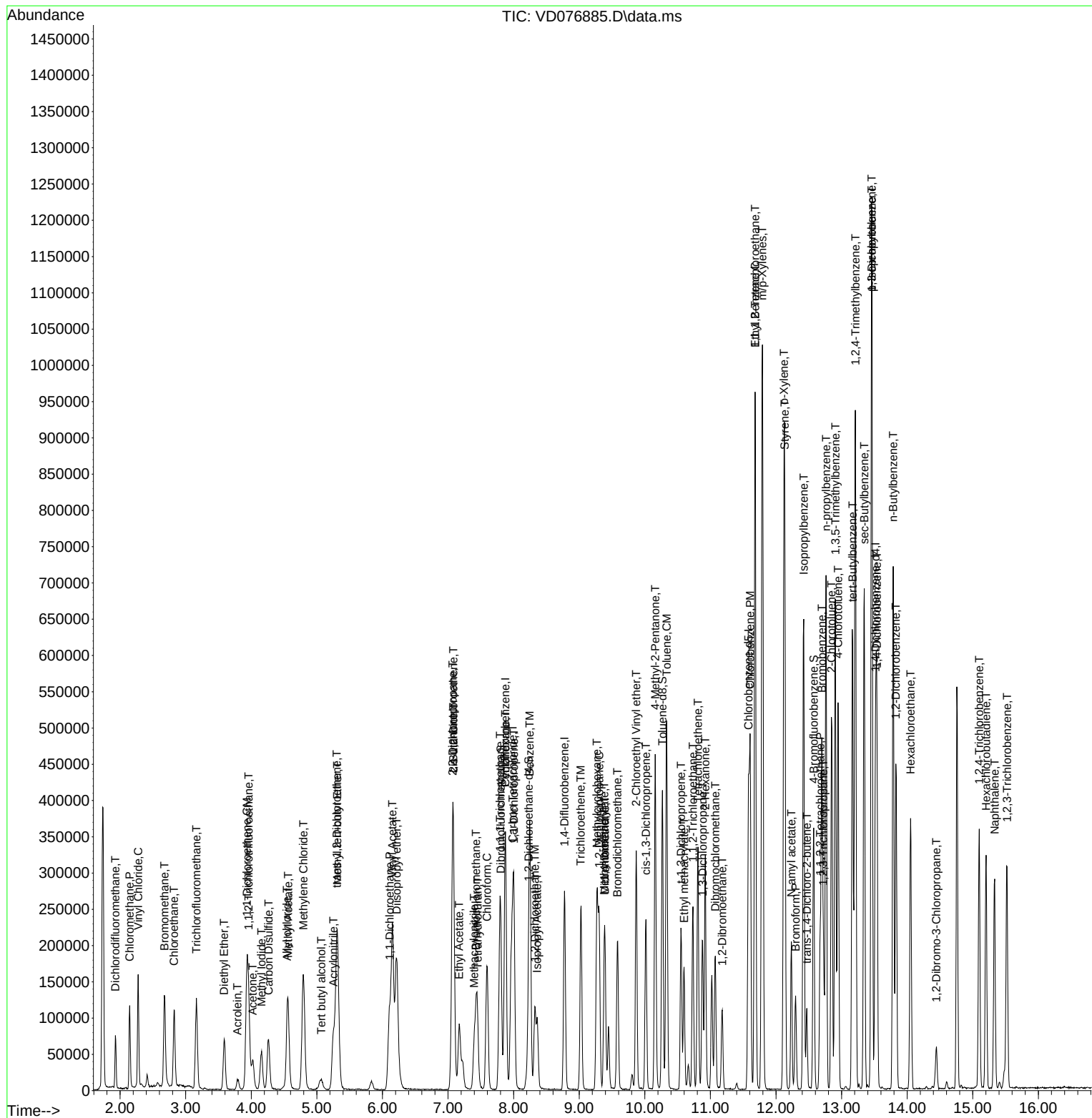
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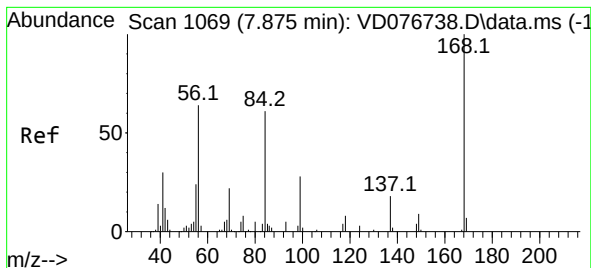
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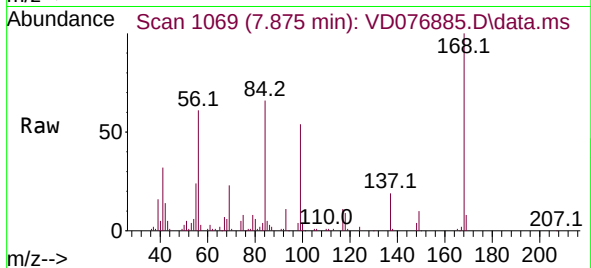
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076885.D
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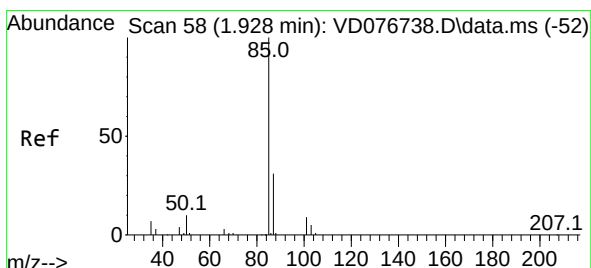
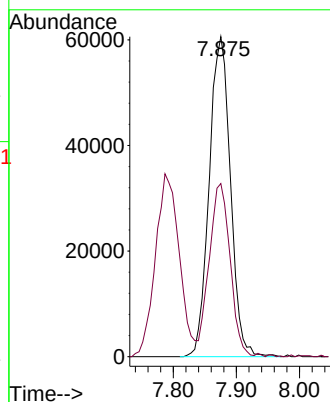
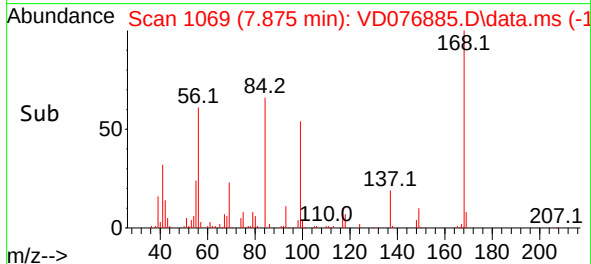
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VSTDCCC050EC



Tgt Ion:168 Resp: 141610
Ion Ratio Lower Upper
168 100
99 53.9 36.7 55.1

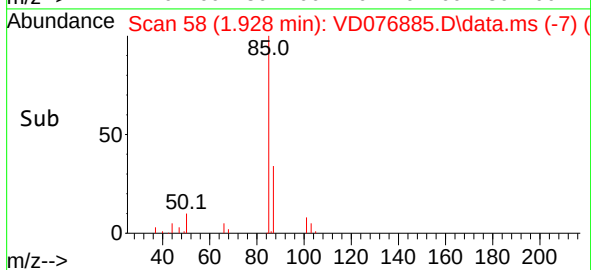
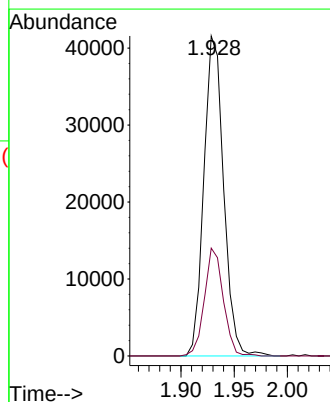
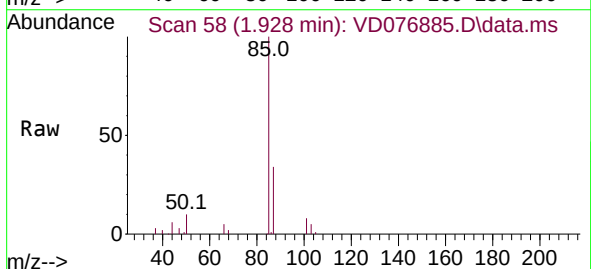
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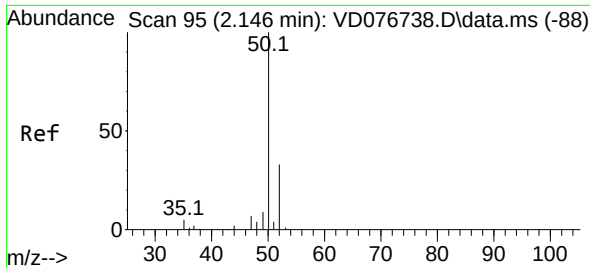
Reviewed By :John Carlone 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023



#2
Dichlorodifluoromethane
Concen: 48.482 ug/l
RT: 1.928 min Scan# 58
Delta R.T. 0.000 min
Lab File: VD076885.D
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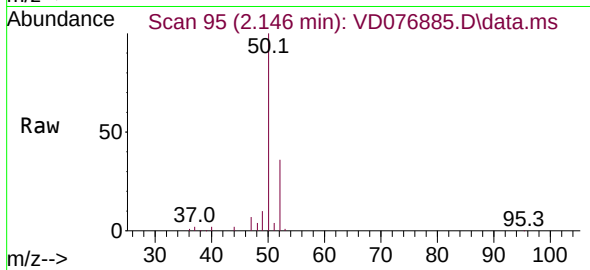
Tgt Ion: 85 Resp: 53687
Ion Ratio Lower Upper
85 100
87 33.7 15.7 47.0





#3
Chloromethane
Concen: 50.570 ug/l
RT: 2.146 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD076885.D
Acq: 31 Jul 2023 20:15

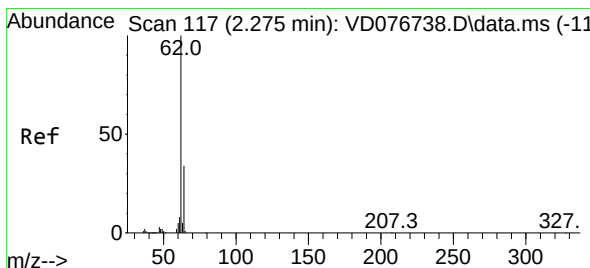
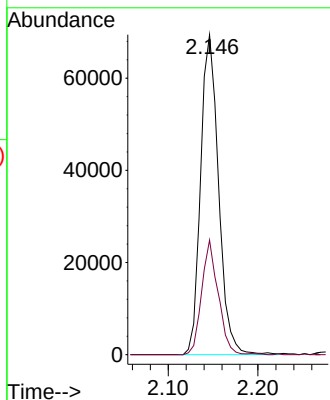
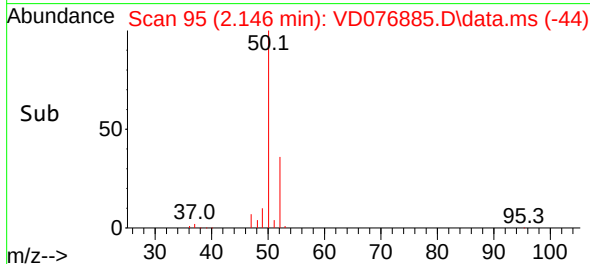
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Tgt Ion: 50 Resp: 9660
Ion Ratio Lower Upper
50 100
52 35.8 26.6 40.0

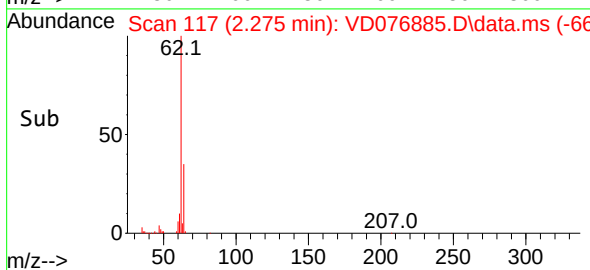
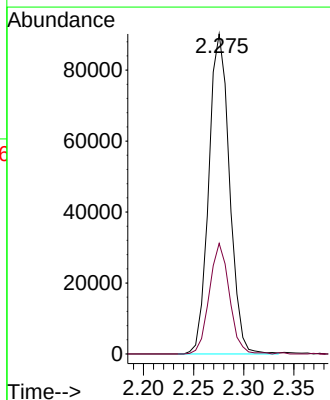
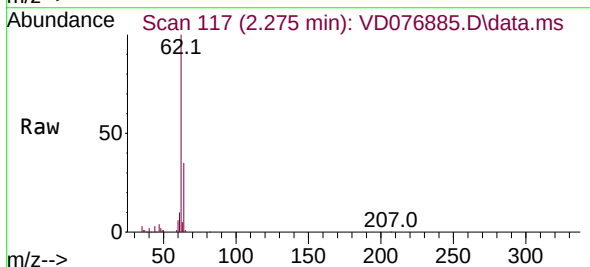
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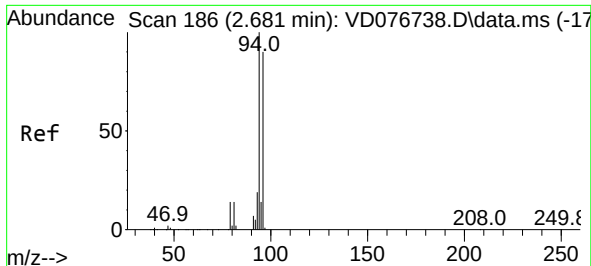
Reviewed By :John Carlone 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023



#4
Vinyl Chloride
Concen: 50.920 ug/l
RT: 2.275 min Scan# 117
Delta R.T. 0.000 min
Lab File: VD076885.D
Acq: 31 Jul 2023 20:15

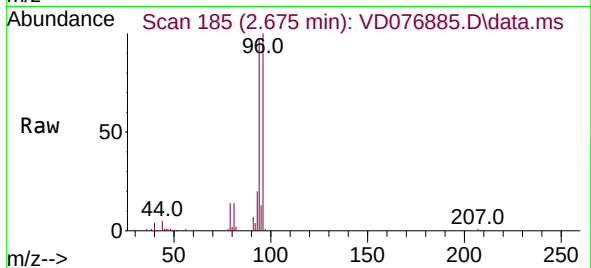
Tgt Ion: 62 Resp: 129663
Ion Ratio Lower Upper
62 100
64 34.6 26.0 39.0





#5
Bromomethane
Concen: 44.813 ug/l
RT: 2.675 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD076885.D
Acq: 31 Jul 2023 20:15

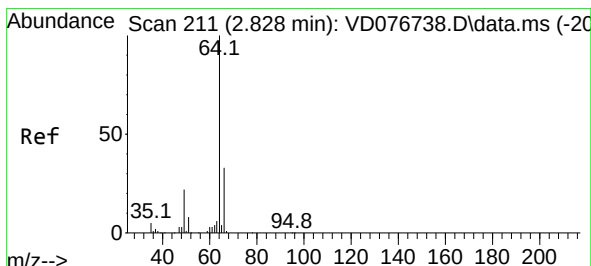
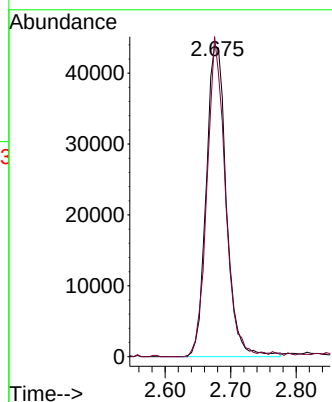
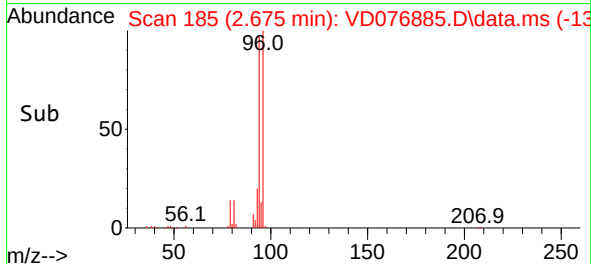
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Tgt Ion: 94 Resp: 9388
Ion Ratio Lower Upper
94 100
96 93.3 75.8 113.8

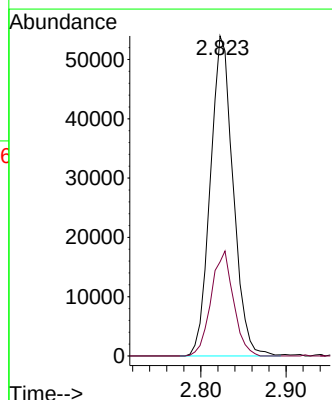
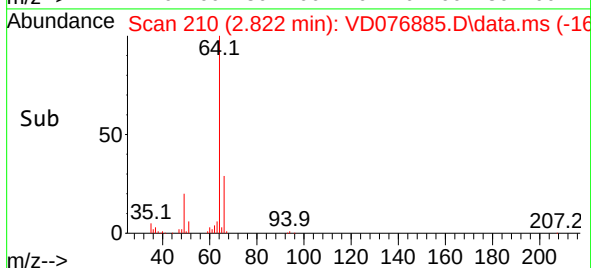
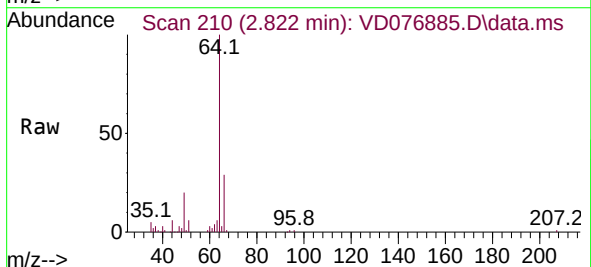
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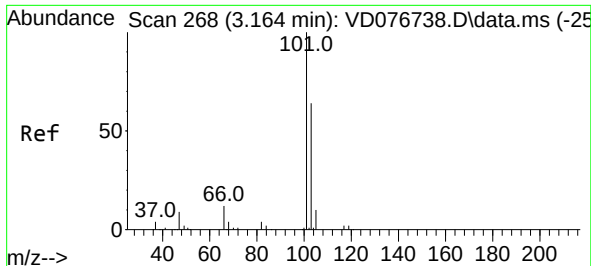
Reviewed By :John Carlone 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023



#6
Chloroethane
Concen: 52.237 ug/l
RT: 2.822 min Scan# 210
Delta R.T. -0.006 min
Lab File: VD076885.D
Acq: 31 Jul 2023 20:15

Tgt Ion: 64 Resp: 100431
Ion Ratio Lower Upper
64 100
66 29.4 25.5 38.3





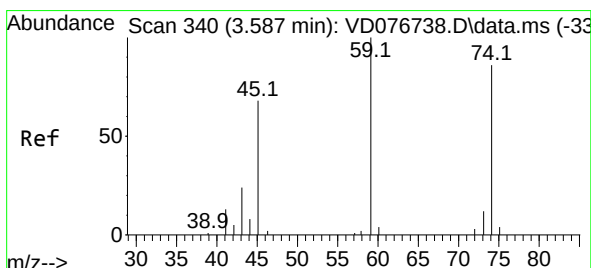
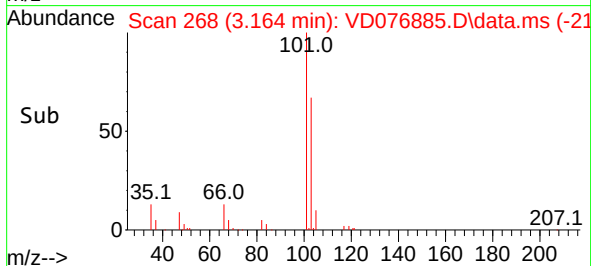
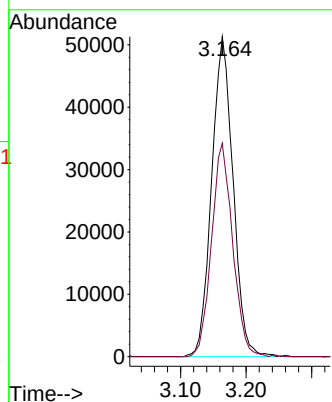
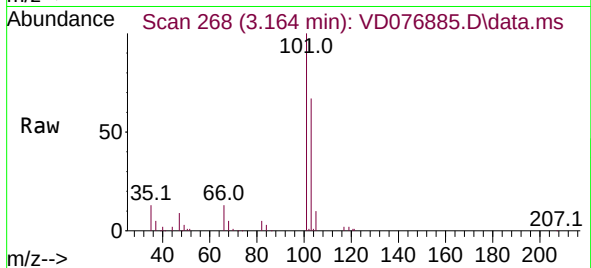
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 Trichlorofluoromethane
 Concen: 51.290 ug/l
 RT: 3.164 min Scan# 207
 Delta R.T. -0.000 min
 Lab File: VD076885.D
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Tgt Ion:101 Resp: 116215
 Ion Ratio Lower Upper
 101 100
 103 66.6 52.3 78.5

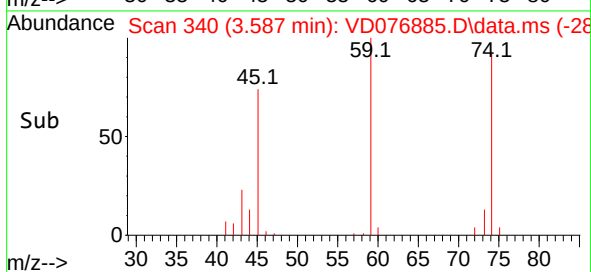
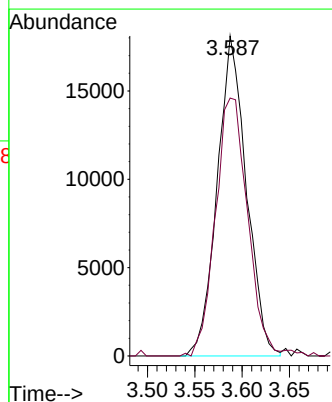
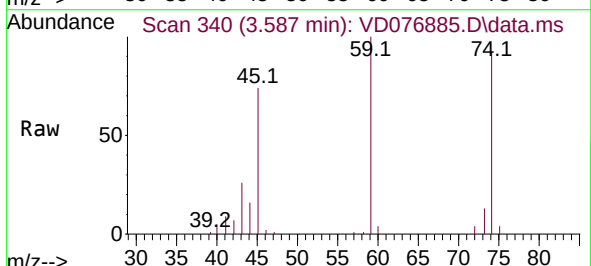
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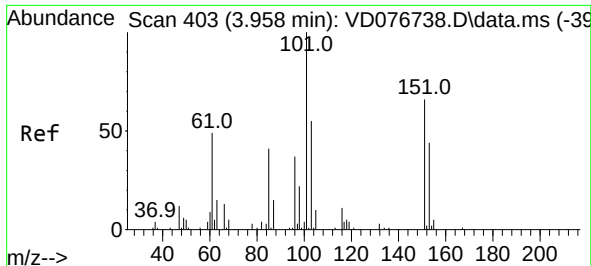
Reviewed By :John Carlone 08/01/2023
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#8
 Diethyl Ether
 Concen: 49.739 ug/l
 RT: 3.587 min Scan# 340
 Delta R.T. 0.000 min
 Lab File: VD076885.D
 Acq: 31 Jul 2023 20:15

Tgt Ion: 74 Resp: 38802
 Ion Ratio Lower Upper
 74 100
 45 89.5 37.5 112.7





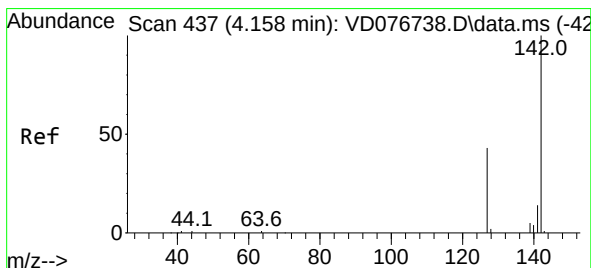
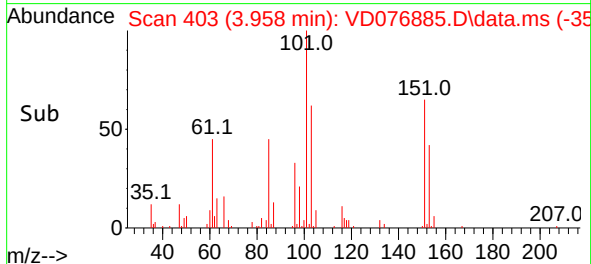
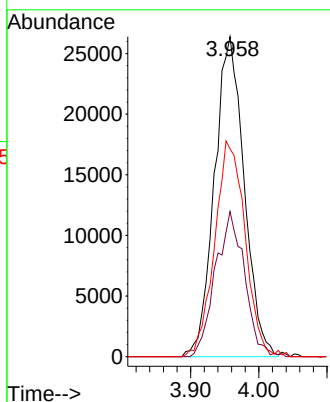
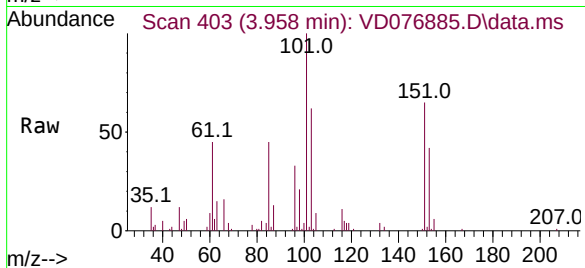
#9
1,1,2-Trichlorotrifluoroethane
Concen: 53.678 ug/l
RT: 3.958 min Scan# 403
Delta R.T. -0.000 min
Lab File: VD076885.D
Acq: 31 Jul 2023 20:15

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 79949
Ion Ratio Lower Upper
101 100
85 44.5 33.8 50.6
151 68.8 59.8 89.6

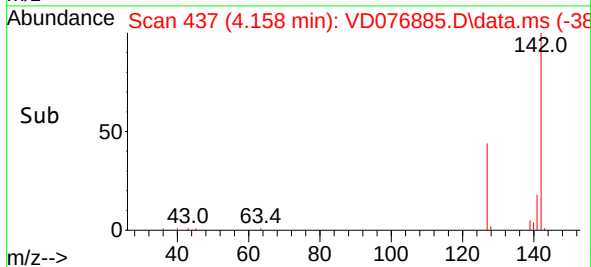
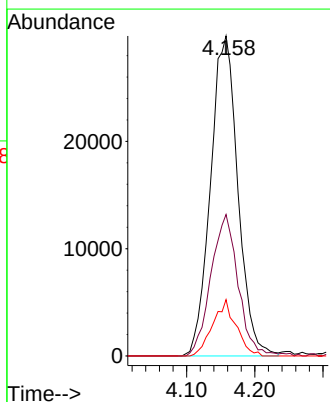
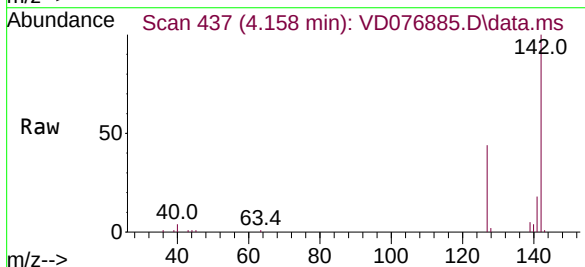
Manual Integrations
APPROVED

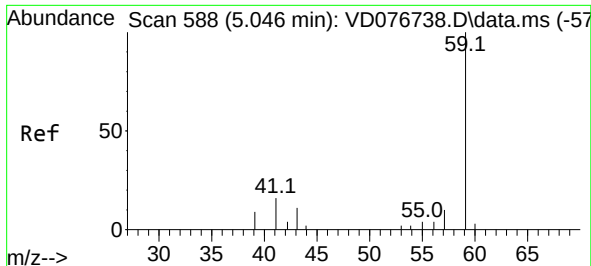
Reviewed By :John Carlone 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023



#10
Methyl Iodide
Concen: 49.715 ug/l
RT: 4.158 min Scan# 437
Delta R.T. -0.000 min
Lab File: VD076885.D
Acq: 31 Jul 2023 20:15

Tgt Ion:142 Resp: 83469
Ion Ratio Lower Upper
142 100
127 44.1 29.4 44.0#
141 15.0 11.1 16.7





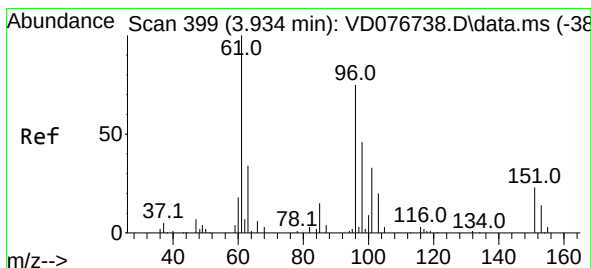
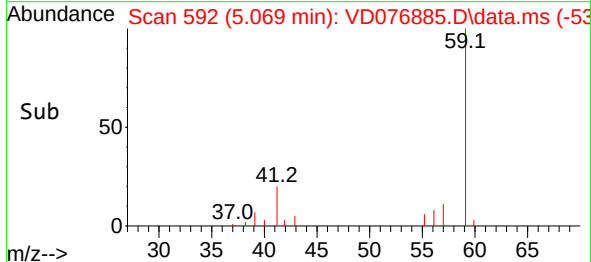
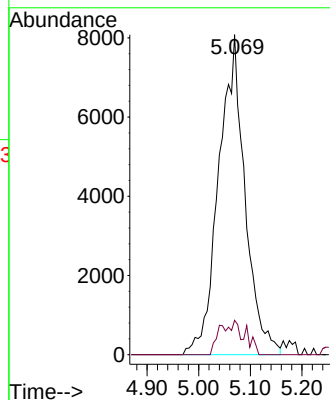
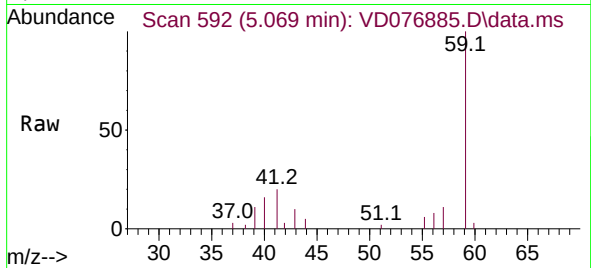
#11
Tert butyl alcohol
Concen: 271.226 ug/l
RT: 5.069 min Scan# 591
Delta R.T. 0.023 min
Lab File: VD076885.D
Acq: 31 Jul 2023 20:15

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 59 Resp: 2854
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8

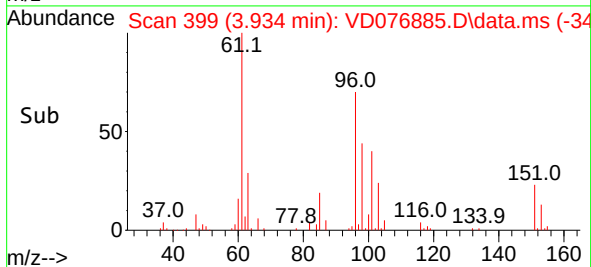
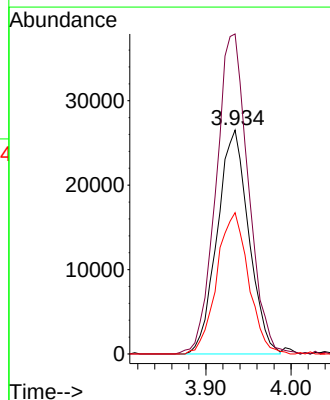
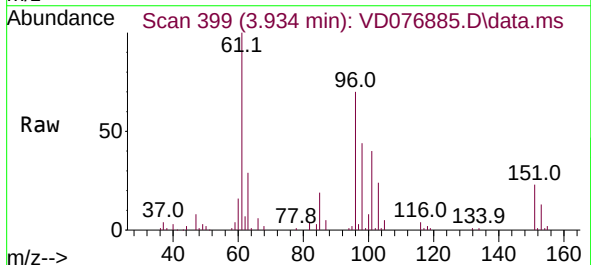
Manual Integrations
APPROVED

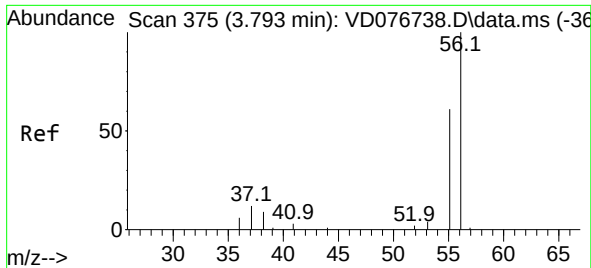
Reviewed By :John Carlone 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023



#12
1,1-Dichloroethene
Concen: 48.708 ug/l
RT: 3.934 min Scan# 399
Delta R.T. 0.000 min
Lab File: VD076885.D
Acq: 31 Jul 2023 20:15

Tgt Ion: 96 Resp: 68158
Ion Ratio Lower Upper
96 100
61 142.3 100.6 150.8
98 63.2 50.2 75.2





#13

Acrolein

Concen: 237.461 ug/l

RT: 3.787 min Scan# 31

Delta R.T. -0.006 min

Lab File: VD076885.D

Acq: 31 Jul 2023 20:15

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 56 Resp: 1703

Ion Ratio Lower Upper

56 100

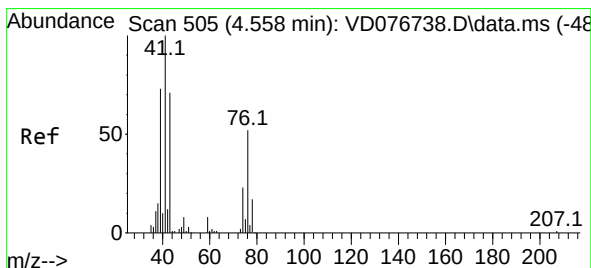
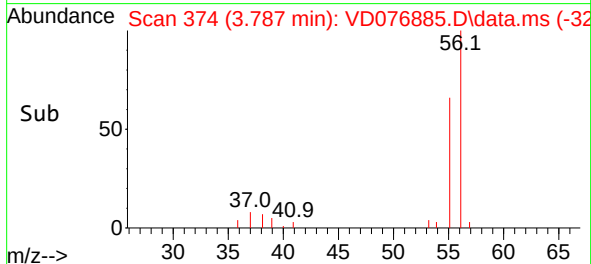
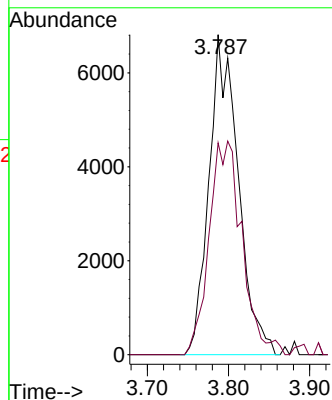
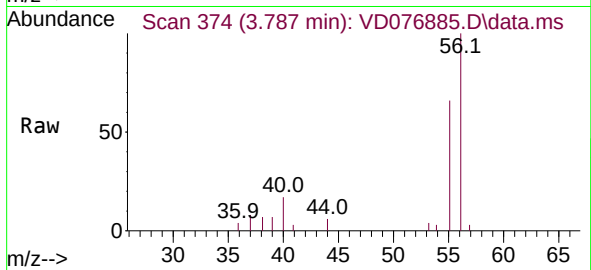
55 75.0 55.1 82.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/01/2023

Supervised By :Mahesh Dadoda 08/01/2023



#14

Allyl chloride

Concen: 50.135 ug/l

RT: 4.546 min Scan# 503

Delta R.T. -0.012 min

Lab File: VD076885.D

Acq: 31 Jul 2023 20:15

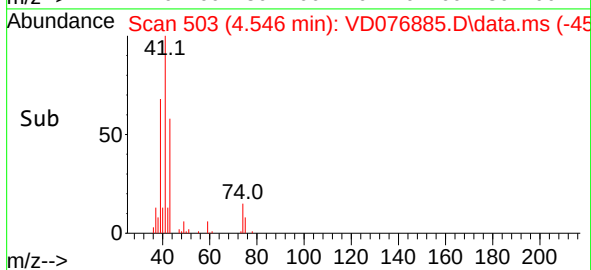
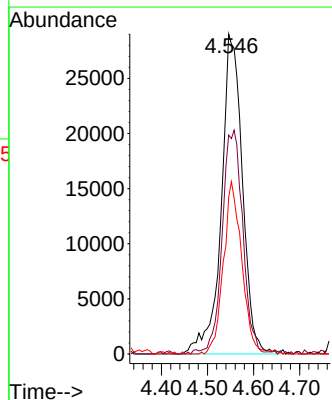
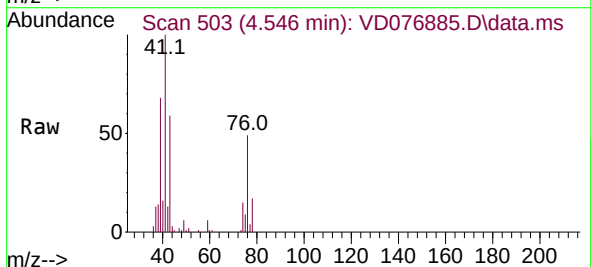
Tgt Ion: 41 Resp: 92160

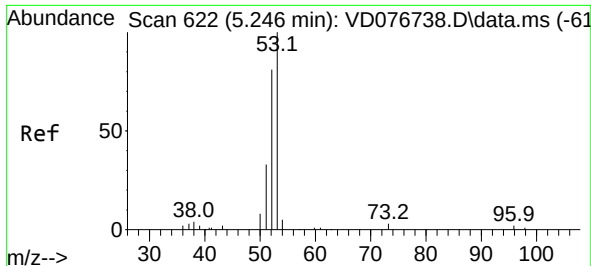
Ion Ratio Lower Upper

41 100

39 68.4 53.8 80.6

76 46.6 45.8 68.8





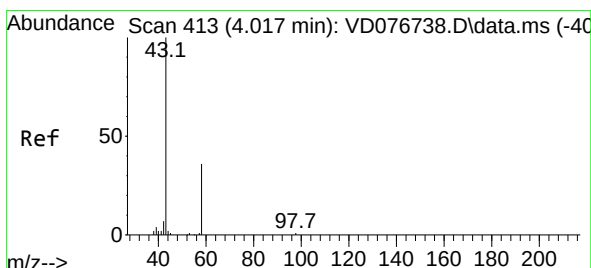
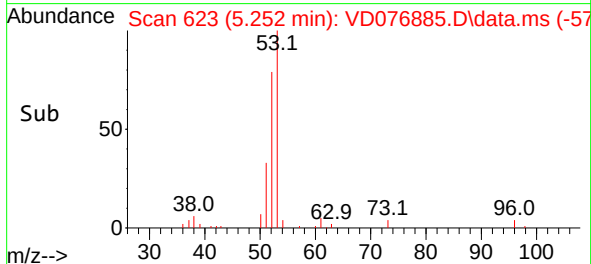
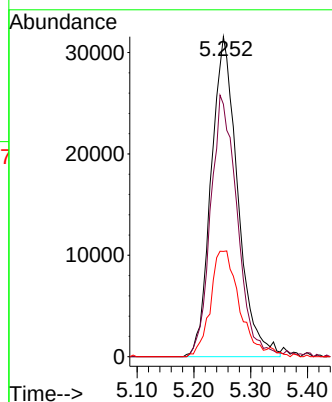
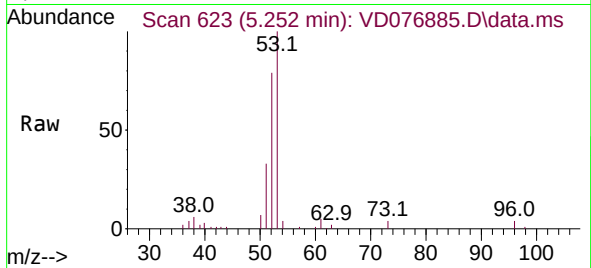
#15
Acrylonitrile
Concen: 267.774 ug/l
RT: 5.252 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD076885.D
Acq: 31 Jul 2023 20:15

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 53 Resp: 102599
Ion Ratio Lower Upper
53 100
52 81.4 65.0 97.4
51 35.6 28.3 42.5

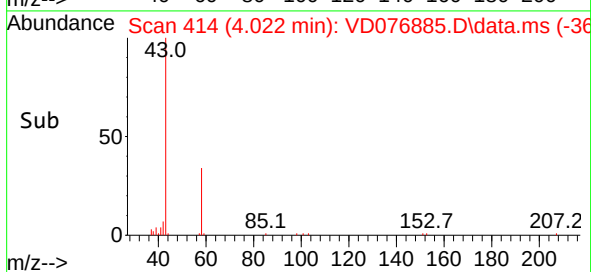
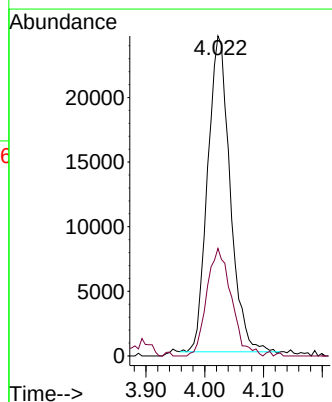
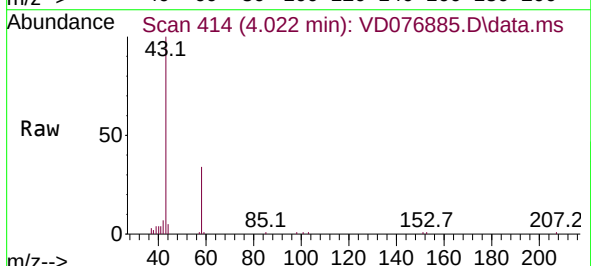
Manual Integrations
APPROVED

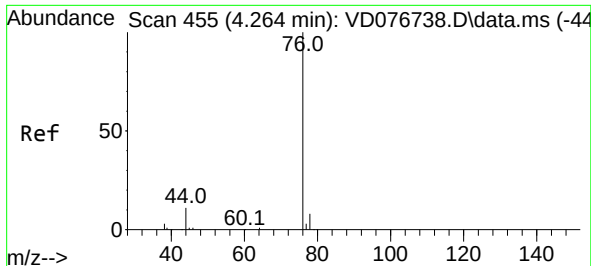
Reviewed By :John Carlone 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023



#16
Acetone
Concen: 192.541 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.005 min
Lab File: VD076885.D
Acq: 31 Jul 2023 20:15

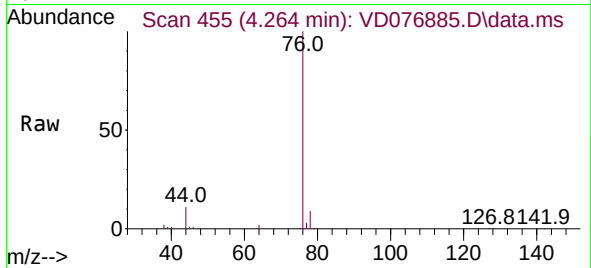
Tgt Ion: 43 Resp: 64858
Ion Ratio Lower Upper
43 100
58 34.1 34.7 52.1#





#17
Carbon Disulfide
Concen: 45.284 ug/l
RT: 4.264 min Scan# 455
Delta R.T. -0.000 min
Lab File: VD076885.D
Acq: 31 Jul 2023 20:15

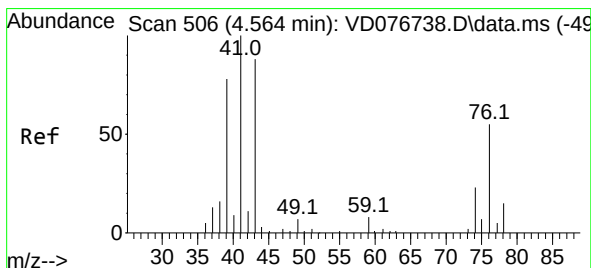
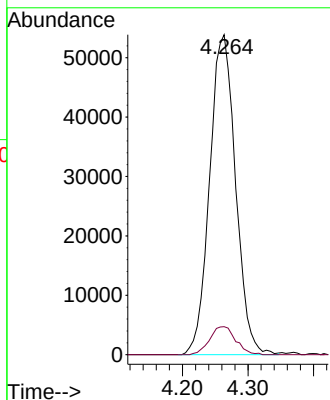
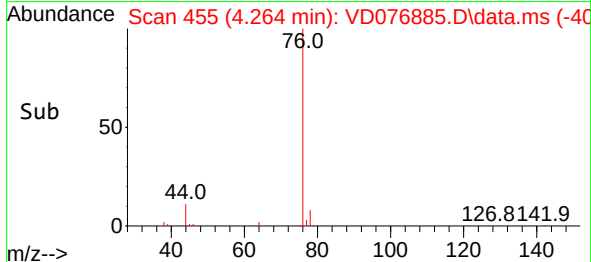
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 148000
Ion Ratio Lower Upper
76 100
78 8.8 6.8 10.2

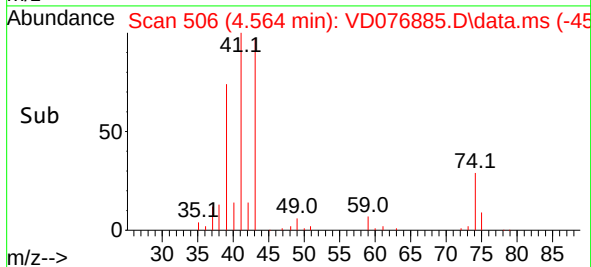
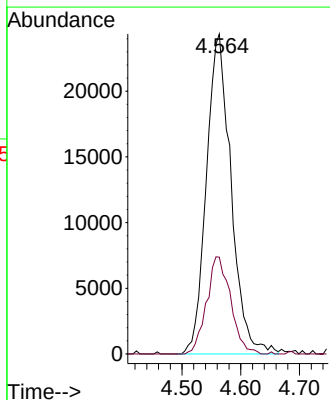
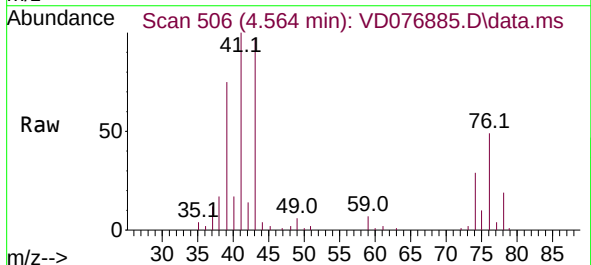
Manual Integrations
APPROVED

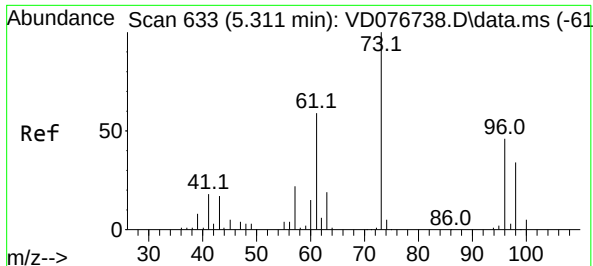
Reviewed By :John Carlone 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023



#18
Methyl Acetate
Concen: 56.034 ug/l
RT: 4.564 min Scan# 506
Delta R.T. -0.000 min
Lab File: VD076885.D
Acq: 31 Jul 2023 20:15

Tgt Ion: 43 Resp: 70917
Ion Ratio Lower Upper
43 100
74 29.6 26.4 39.6





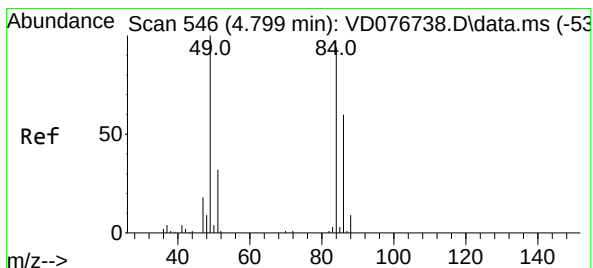
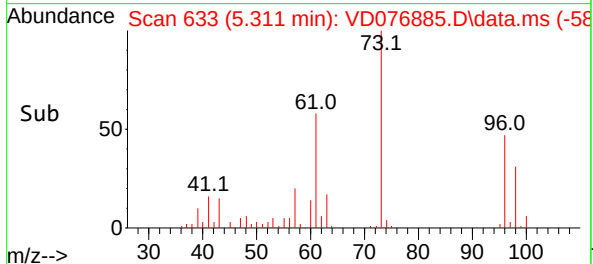
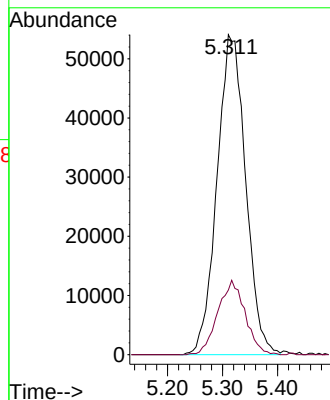
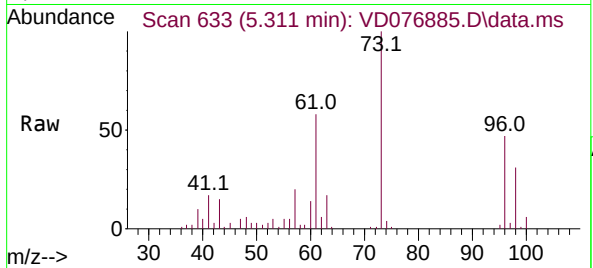
#19
Methyl tert-butyl Ether
Concen: 52.123 ug/l
RT: 5.311 min Scan# 611
Delta R.T. -0.000 min
Lab File: VD076885.D
Acq: 31 Jul 2023 20:15

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 19559
Ion Ratio Lower Upper
73 100
57 20.2 16.6 25.0

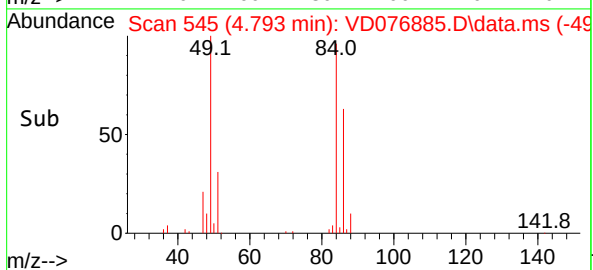
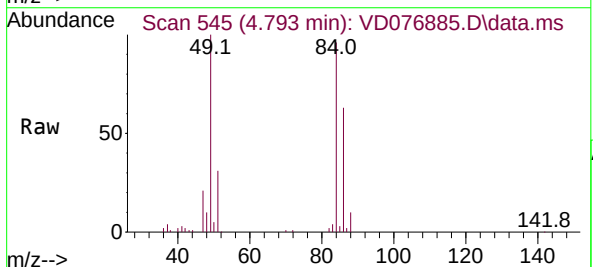
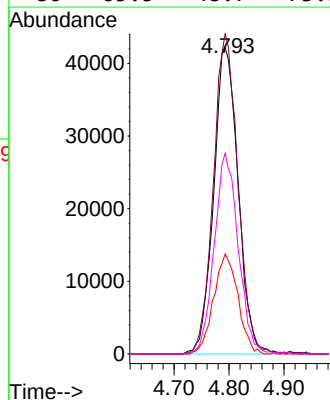
Manual Integrations
APPROVED

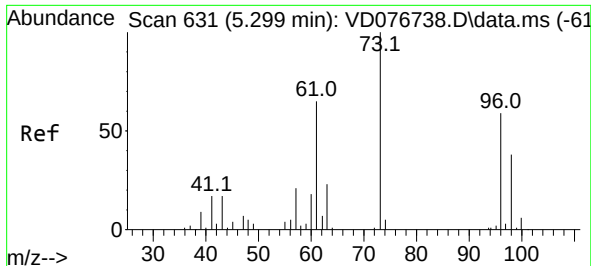
Reviewed By :John Carlone 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023



#20
Methylene Chloride
Concen: 68.922 ug/l
RT: 4.793 min Scan# 545
Delta R.T. -0.006 min
Lab File: VD076885.D
Acq: 31 Jul 2023 20:15

Tgt Ion: 84 Resp: 130426
Ion Ratio Lower Upper
84 100
49 104.4 71.4 107.2
51 32.6 24.5 36.7
86 65.5 48.7 73.1





#21

trans-1,2-Dichloroethene

Concen: 50.899 ug/l

RT: 5.305 min Scan# 61

Delta R.T. 0.006 min

Lab File: VD076885.D

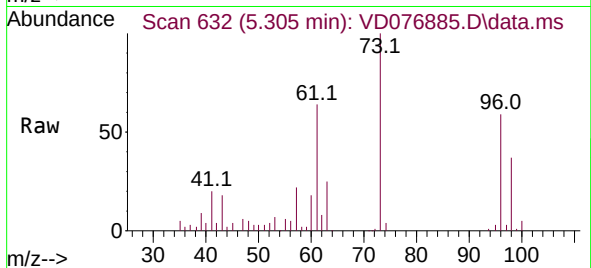
Acq: 31 Jul 2023 20:15

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC



Tgt Ion: 96 Resp: 82790

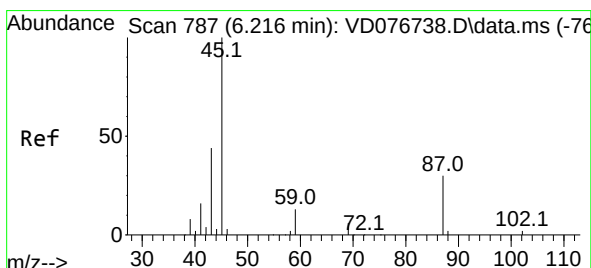
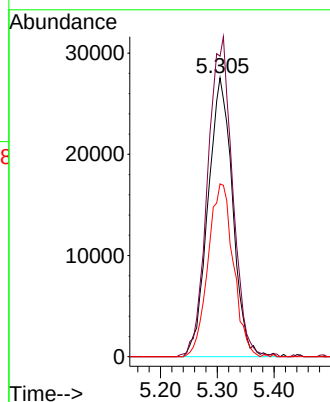
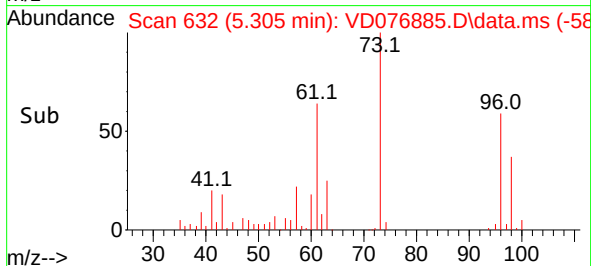
Ion	Ratio	Lower	Upper
96	100		
61	107.7	89.3	133.9
98	62.0	48.6	73.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/01/2023

Supervised By :Mahesh Dadoda 08/01/2023



#22

Diisopropyl ether

Concen: 55.239 ug/l

RT: 6.216 min Scan# 787

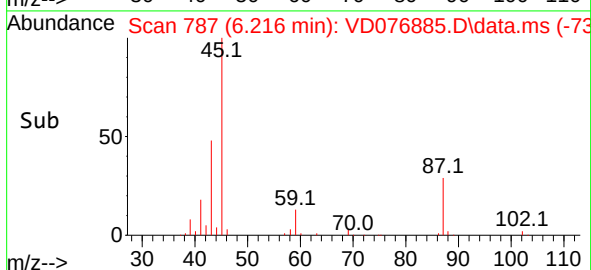
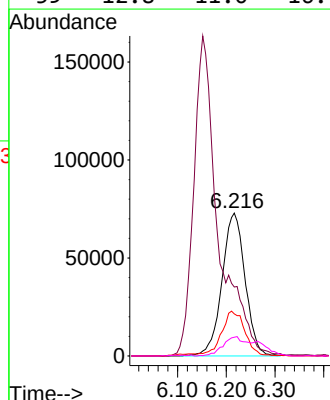
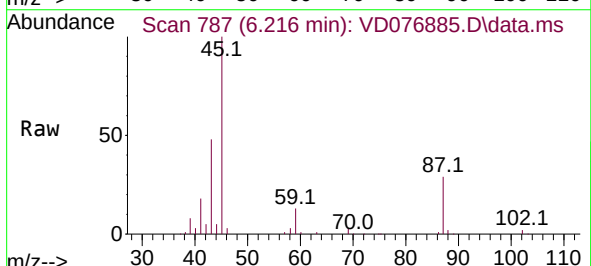
Delta R.T. 0.000 min

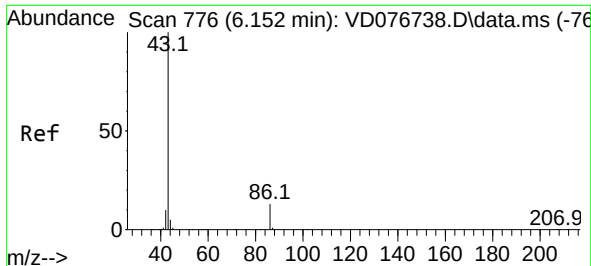
Lab File: VD076885.D

Acq: 31 Jul 2023 20:15

Tgt Ion: 45 Resp: 240451

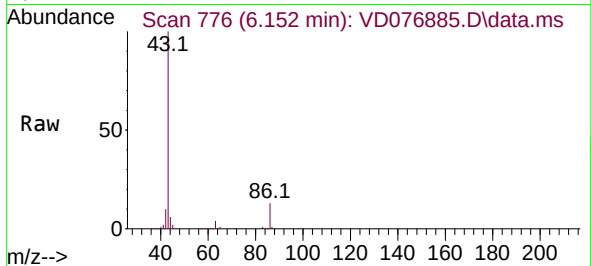
Ion	Ratio	Lower	Upper
45	100		
43	46.6	40.0	60.0
87	29.0	28.2	42.4
59	12.8	11.0	16.4





#23
 Vinyl Acetate
 Concen: 266.049 ug/l
 RT: 6.152 min Scan# 776
 Delta R.T. -0.000 min
 Lab File: VD076885.D
 Acq: 31 Jul 2023 20:15

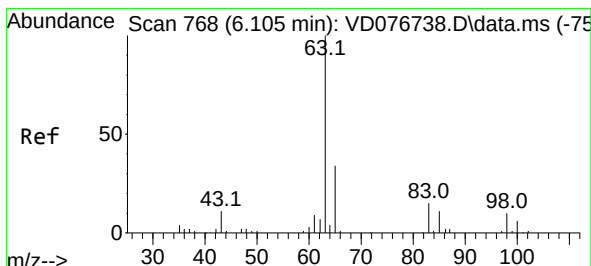
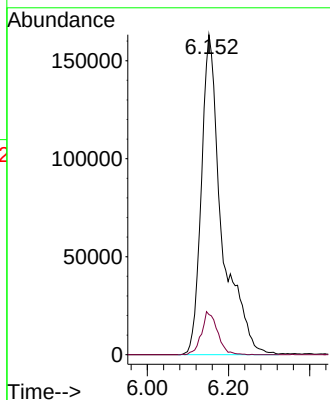
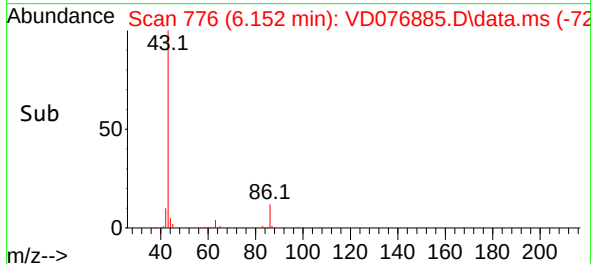
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC



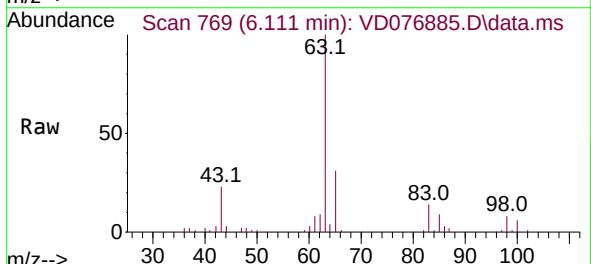
Tgt Ion: 43 Resp: 573004
 Ion Ratio Lower Upper
 43 100
 86 12.6 12.5 18.7

Manual Integrations
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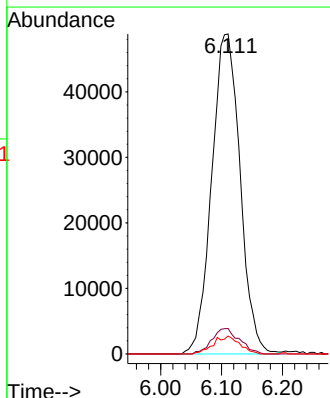
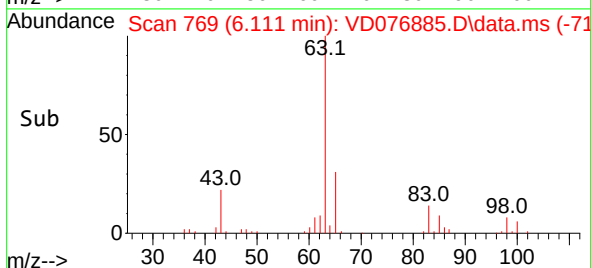
Reviewed By :John Carlone 08/01/2023
 Supervised By :Mahesh Dadoda 08/01/2023

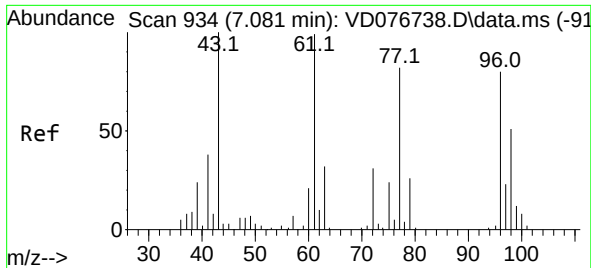


#24
 1,1-Dichloroethane
 Concen: 53.751 ug/l
 RT: 6.111 min Scan# 769
 Delta R.T. 0.006 min
 Lab File: VD076885.D
 Acq: 31 Jul 2023 20:15



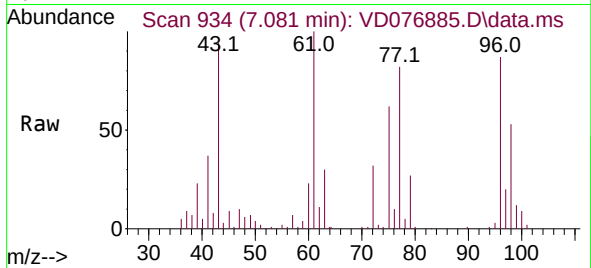
Tgt Ion: 63 Resp: 157754
 Ion Ratio Lower Upper
 63 100
 98 8.0 4.5 13.7
 100 5.6 2.5 7.5





#25
2-Butanone
Concen: 263.376 ug/l
RT: 7.081 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD076885.D
Acq: 31 Jul 2023 20:15

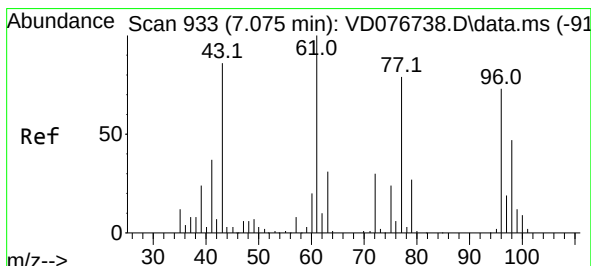
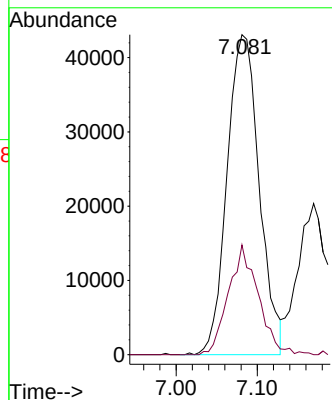
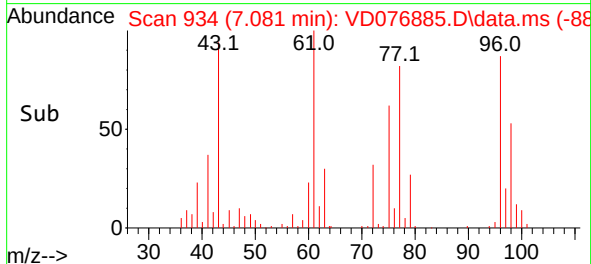
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



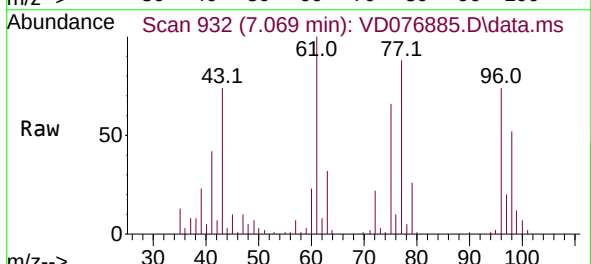
Tgt Ion: 43 Resp: 11873
Ion Ratio Lower Upper
43 100
72 34.3 30.7 46.1

Manual Integrations
APPROVED

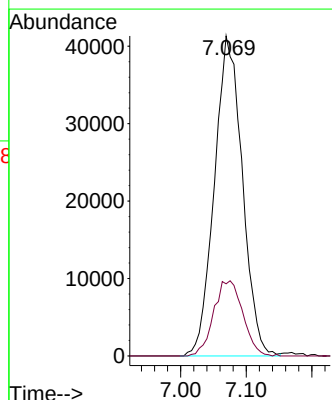
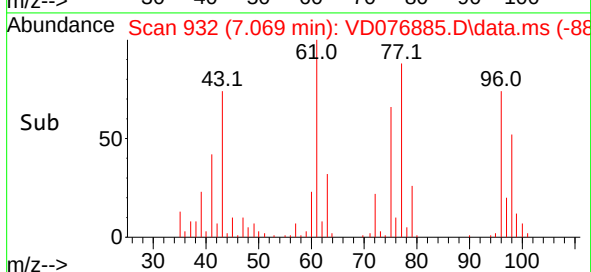
Reviewed By :John Carlone 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023

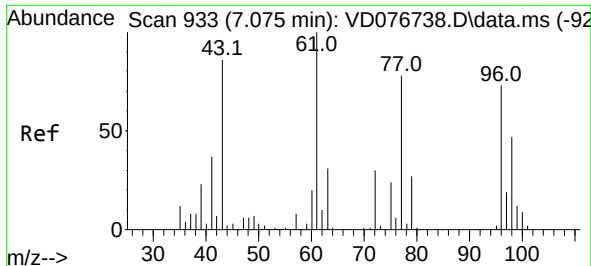


#26
2,2-Dichloropropane
Concen: 48.277 ug/l
RT: 7.069 min Scan# 932
Delta R.T. -0.006 min
Lab File: VD076885.D
Acq: 31 Jul 2023 20:15



Tgt Ion: 77 Resp: 122137
Ion Ratio Lower Upper
77 100
97 24.5 13.2 39.6





#27

cis-1,2-Dichloroethene

Concen: 52.692 ug/l

RT: 7.081 min Scan# 91

Delta R.T. 0.006 min

Lab File: VD076885.D

Acq: 31 Jul 2023 20:15

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 96 Resp: 10565

Ion Ratio Lower Upper

96 100

61 131.2 0.0 239.2

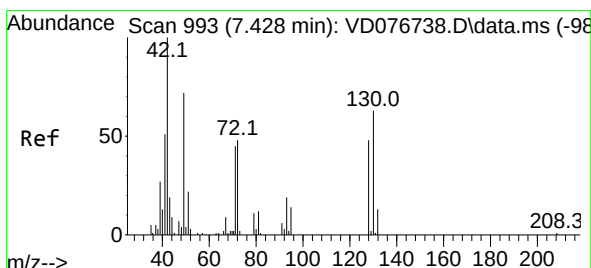
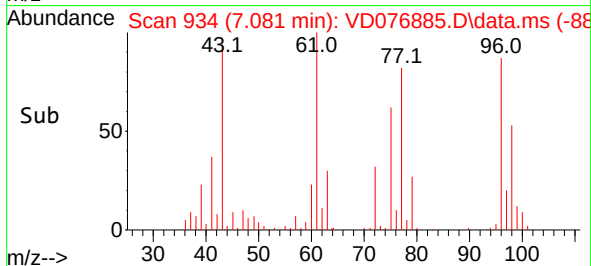
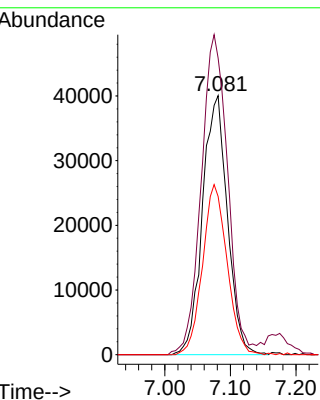
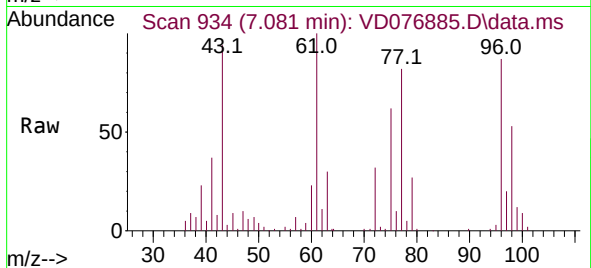
98 64.6 0.0 128.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/01/2023

Supervised By :Mahesh Dadoda 08/01/2023



#28

Bromochloromethane

Concen: 48.001 ug/l

RT: 7.428 min Scan# 993

Delta R.T. 0.000 min

Lab File: VD076885.D

Acq: 31 Jul 2023 20:15

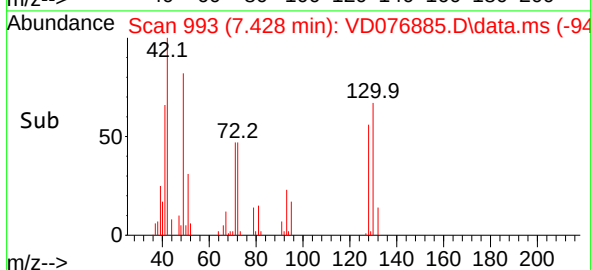
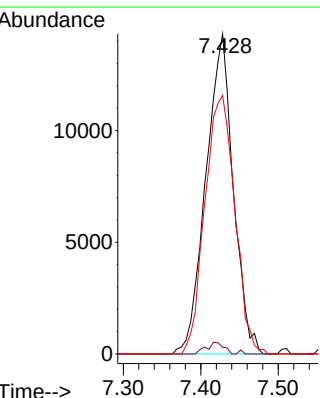
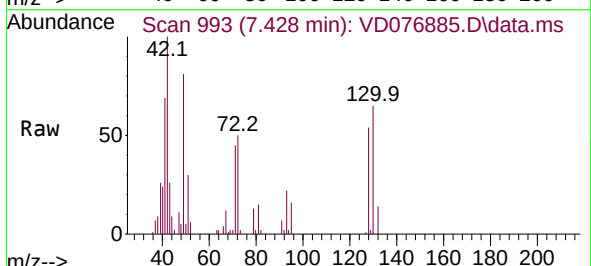
Tgt Ion: 49 Resp: 35221

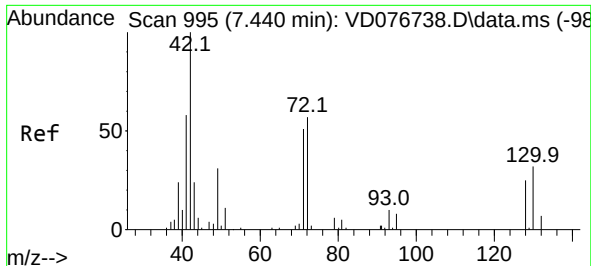
Ion Ratio Lower Upper

49 100

129 2.3 0.0 6.0

130 88.1 83.2 124.8





#29

Tetrahydrofuran

Concen: 276.665 ug/l

RT: 7.452 min Scan# 995

Delta R.T. 0.012 min

Lab File: VD076885.D

Acq: 31 Jul 2023 20:15

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

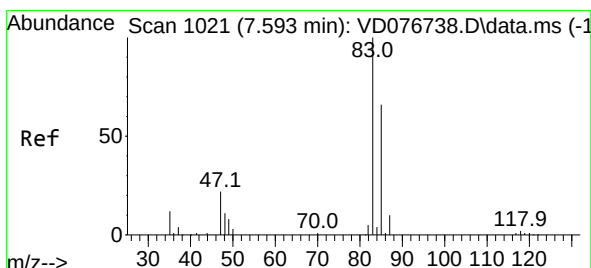
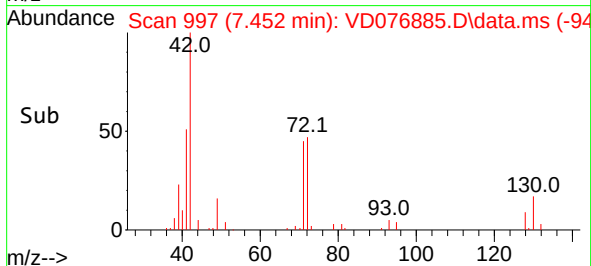
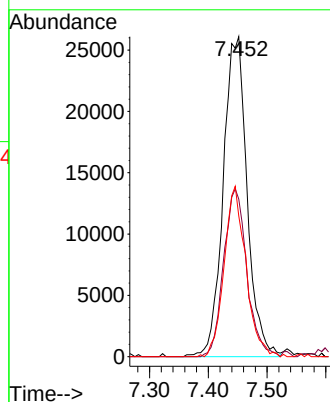
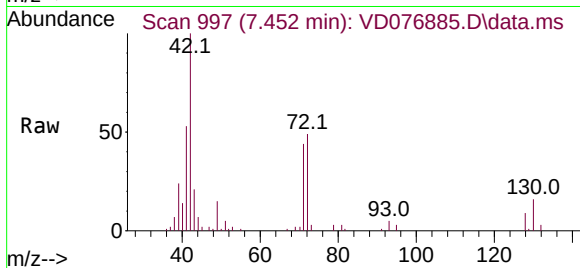
Tgt Ion:	42	Resp:	73694
Ion	Ratio	Lower	Upper
42	100		
72	50.8	46.5	69.7
71	48.6	44.5	66.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/01/2023

Supervised By :Mahesh Dadoda 08/01/2023



#30

Chloroform

Concen: 55.865 ug/l

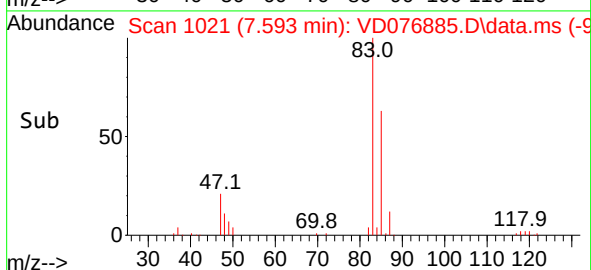
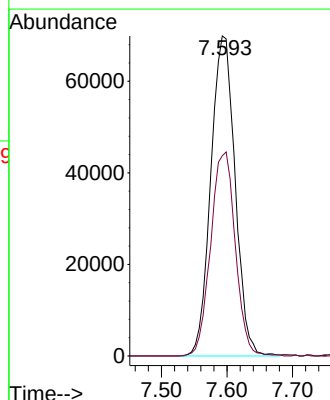
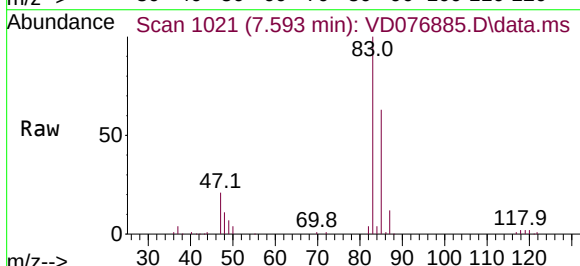
RT: 7.593 min Scan# 1021

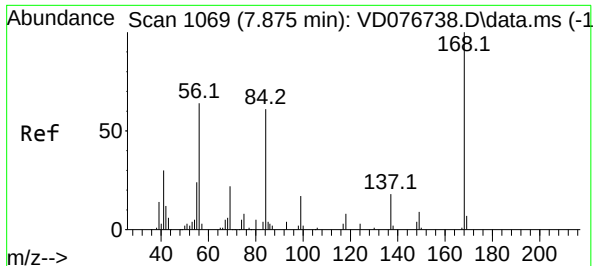
Delta R.T. -0.000 min

Lab File: VD076885.D

Acq: 31 Jul 2023 20:15

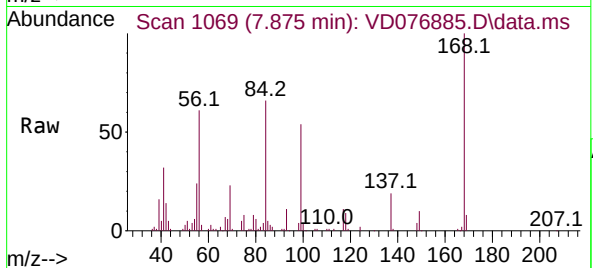
Tgt Ion:	83	Resp:	179577
Ion	Ratio	Lower	Upper
83	100		
85	62.6	53.4	80.2





#31
Cyclohexane
Concen: 46.139 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076885.D
Acq: 31 Jul 2023 20:15

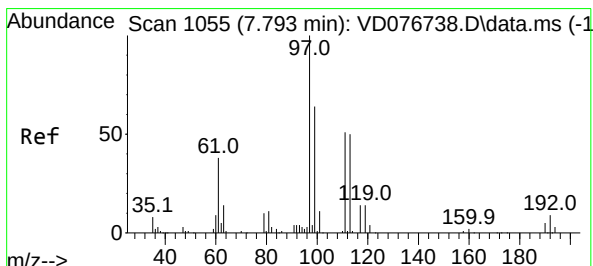
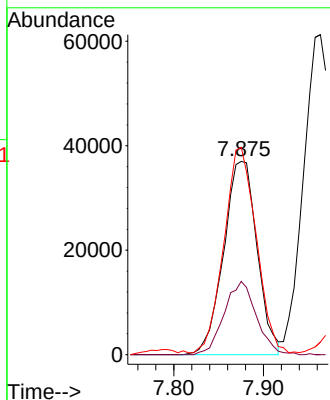
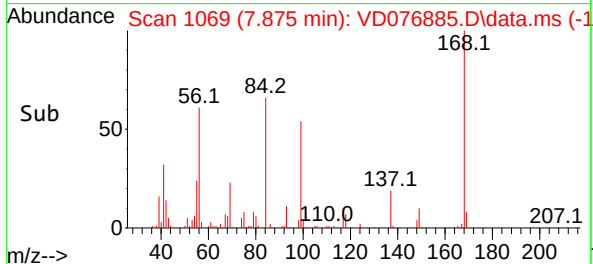
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 95774
Ion Ratio Lower Upper
56 100
69 37.9 28.6 43.0
84 106.4 84.8 127.2

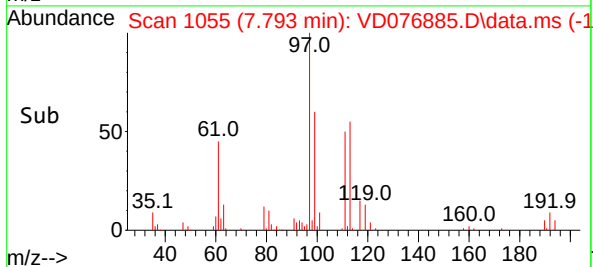
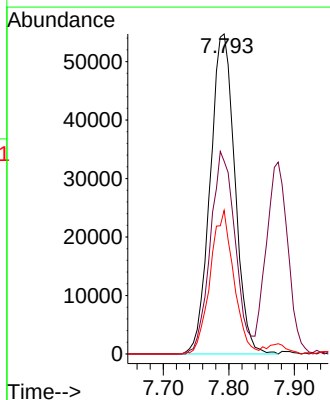
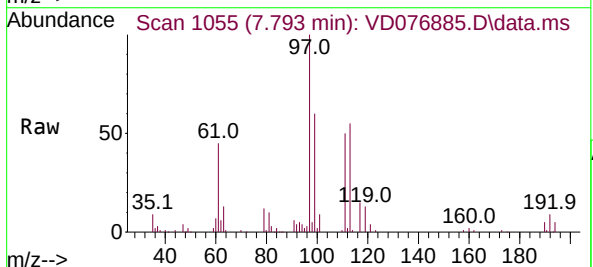
Manual Integrations
APPROVED

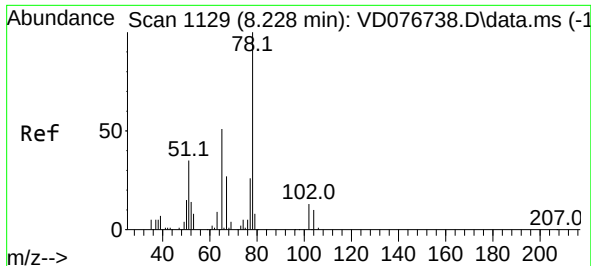
Reviewed By :John Carlone 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023



#32
1,1,1-Trichloroethane
Concen: 55.102 ug/l
RT: 7.793 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VD076885.D
Acq: 31 Jul 2023 20:15

Tgt Ion: 97 Resp: 142910
Ion Ratio Lower Upper
97 100
99 64.1 52.0 78.0
61 42.8 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 53.346 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VD076885.D

Acq: 31 Jul 2023 20:15

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 75244

Ion Ratio Lower Upper

65 100

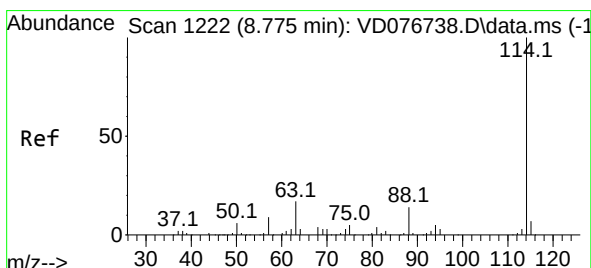
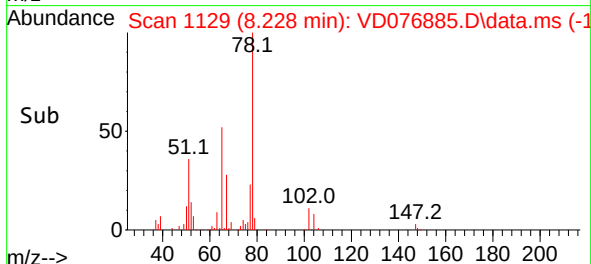
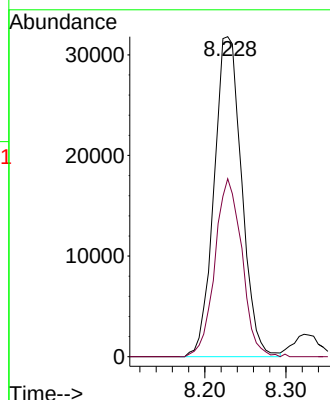
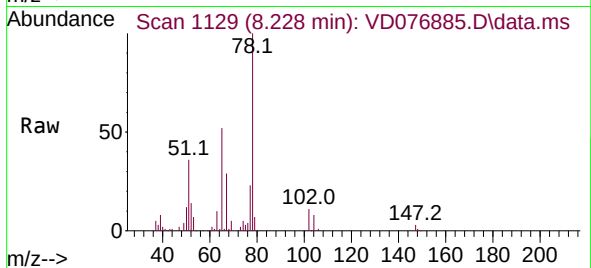
67 54.2 0.0 115.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/01/2023

Supervised By :Mahesh Dadoda 08/01/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VD076885.D

Acq: 31 Jul 2023 20:15

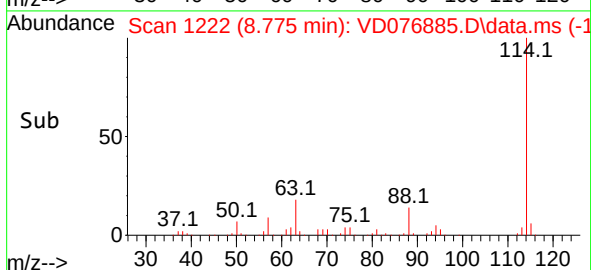
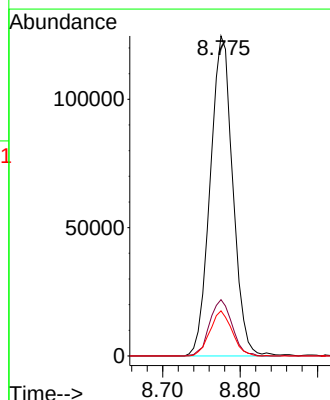
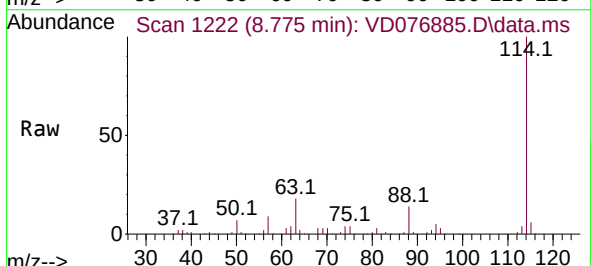
Tgt Ion:114 Resp: 252397

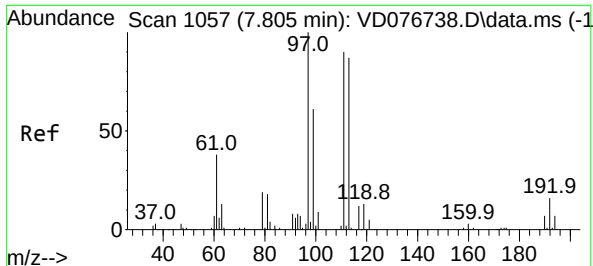
Ion Ratio Lower Upper

114 100

63 17.6 0.0 33.4

88 14.1 0.0 26.2





#35

Dibromofluoromethane

Concen: 56.078 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD076885.D

Acq: 31 Jul 2023 20:15

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 113 Resp: 8894

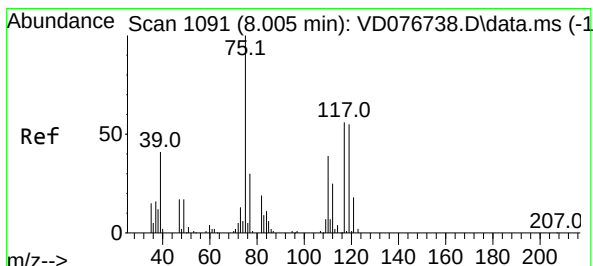
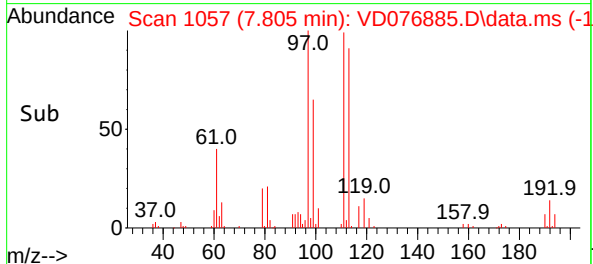
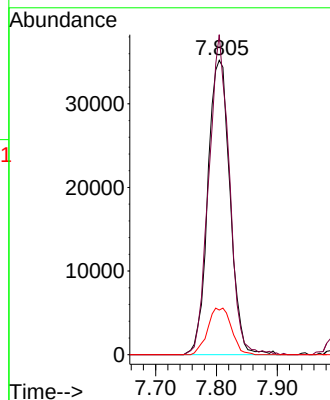
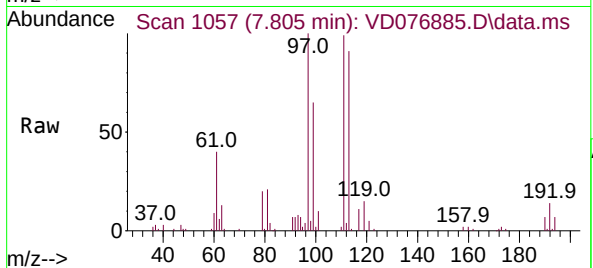
Ion	Ratio	Lower	Upper
113	100		
111	101.2	84.7	127.1
192	16.9	16.8	25.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/01/2023

Supervised By :Mahesh Dadoda 08/01/2023



#36

1,1-Dichloropropene

Concen: 53.893 ug/l

RT: 8.005 min Scan# 1091

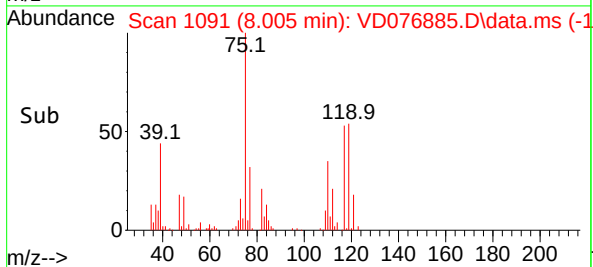
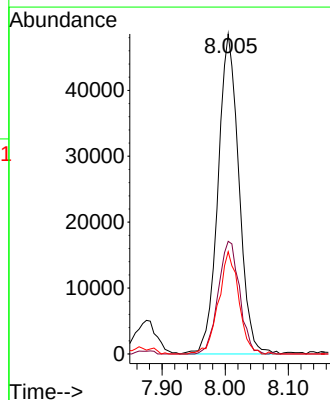
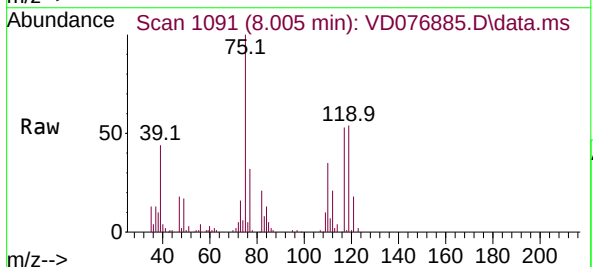
Delta R.T. -0.000 min

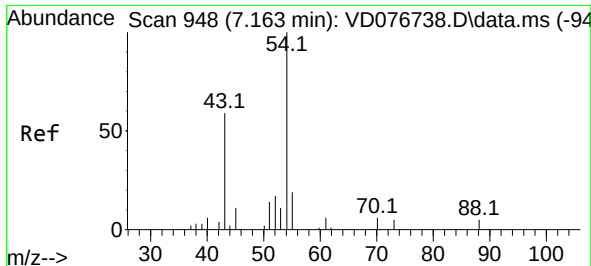
Lab File: VD076885.D

Acq: 31 Jul 2023 20:15

Tgt Ion: 75 Resp: 111697

Ion	Ratio	Lower	Upper
75	100		
110	35.8	19.9	59.6
77	30.8	24.7	37.1





#37

Ethyl Acetate

Concen: 61.050 ug/l

RT: 7.169 min Scan# 948

Delta R.T. 0.006 min

Lab File: VD076885.D

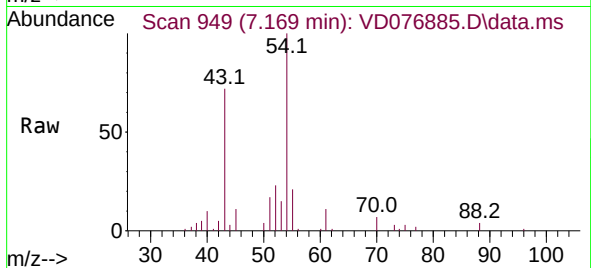
Acq: 31 Jul 2023 20:15

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC



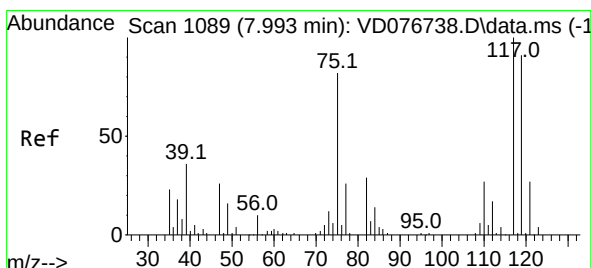
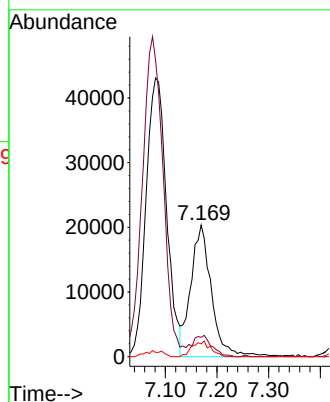
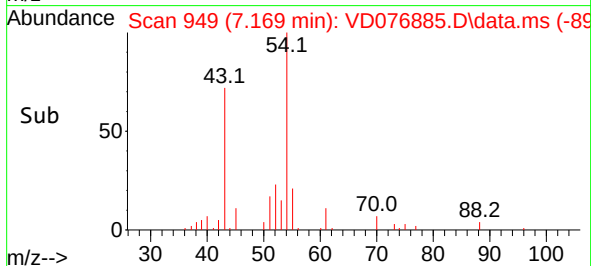
Tgt Ion:	43	Resp:	56580
Ion Ratio	Lower	Upper	
43	100		
61	15.1	14.9	22.3
70	10.4	10.0	15.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/01/2023

Supervised By :Mahesh Dadoda 08/01/2023



#38

Carbon Tetrachloride

Concen: 55.818 ug/l

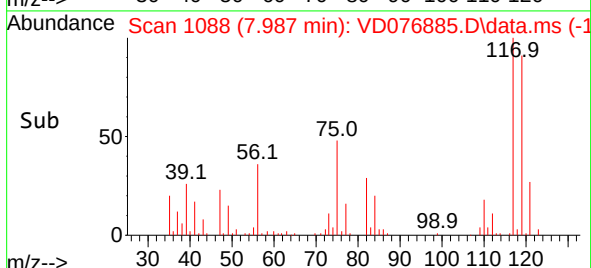
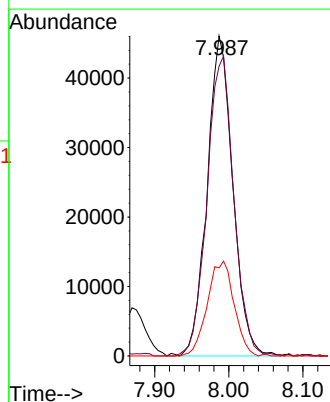
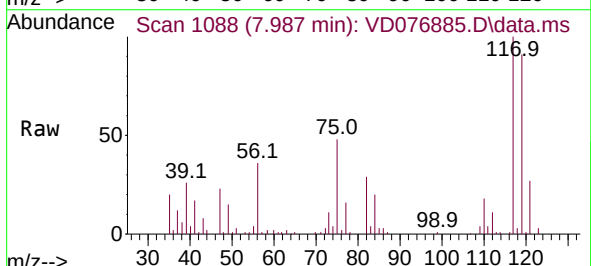
RT: 7.987 min Scan# 1088

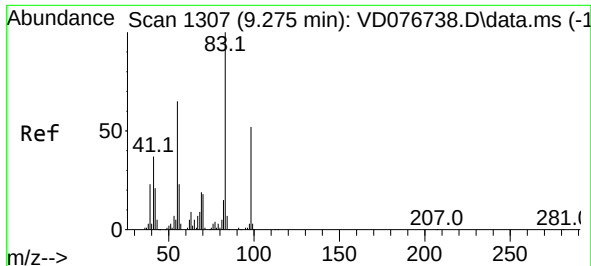
Delta R.T. -0.006 min

Lab File: VD076885.D

Acq: 31 Jul 2023 20:15

Tgt Ion:	117	Resp:	110772
Ion Ratio	Lower	Upper	
117	100		
119	90.1	78.0	117.0
121	27.5	24.2	36.2





#39

Methylcyclohexane

Concen: 49.896 ug/l

RT: 9.269 min Scan# 11306

Delta R.T. -0.006 min

Lab File: VD076885.D

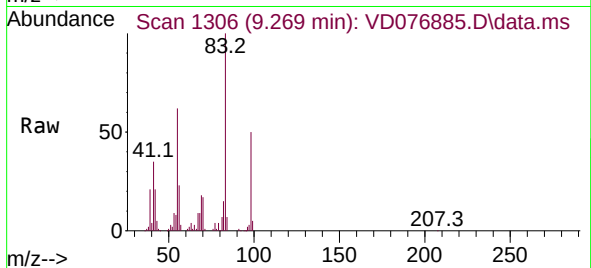
Acq: 31 Jul 2023 20:15

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC



Tgt Ion: 83 Resp: 119408

Ion Ratio Lower Upper

83 100

55 61.7 49.4 74.0

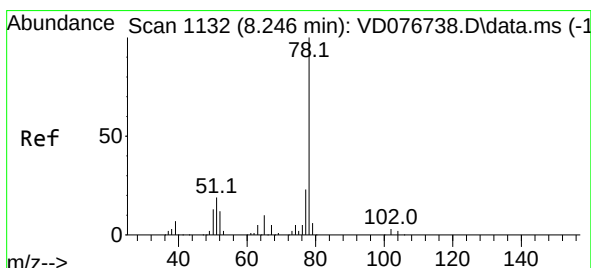
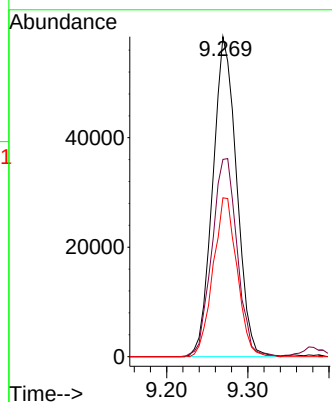
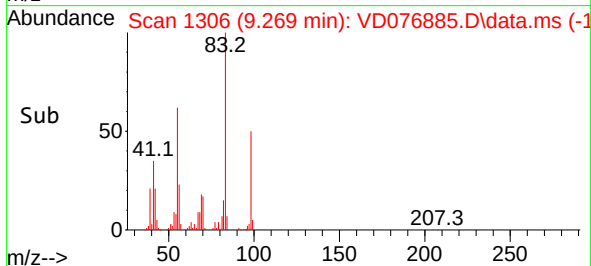
98 49.7 38.4 57.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/01/2023

Supervised By :Mahesh Dadoda 08/01/2023



#40

Benzene

Concen: 53.652 ug/l

RT: 8.246 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VD076885.D

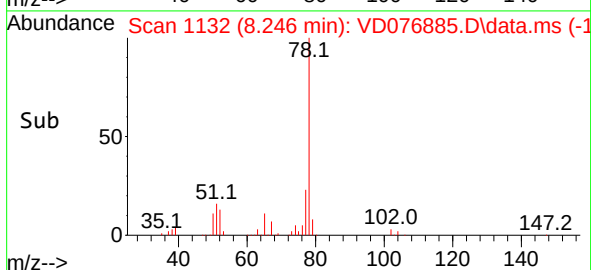
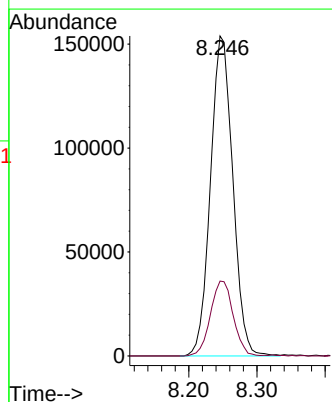
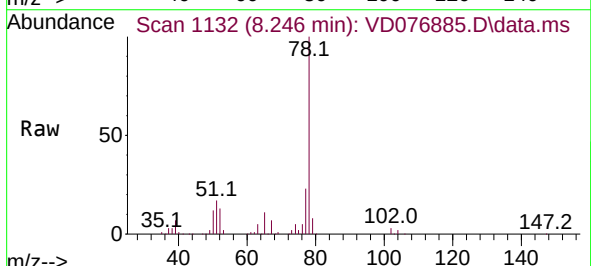
Acq: 31 Jul 2023 20:15

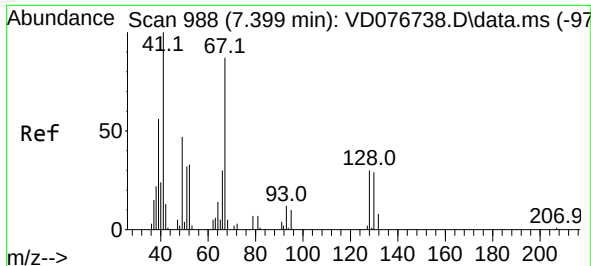
Tgt Ion: 78 Resp: 350854

Ion Ratio Lower Upper

78 100

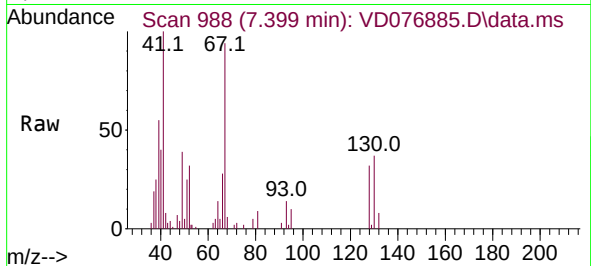
77 23.4 19.4 29.0





#41
Methacrylonitrile
Concen: 46.708 ug/l
RT: 7.399 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD076885.D
Acq: 31 Jul 2023 20:15

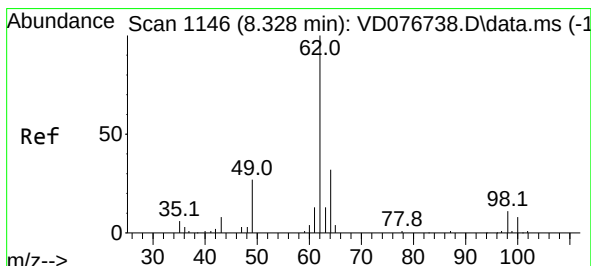
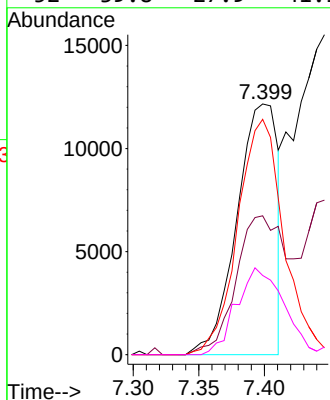
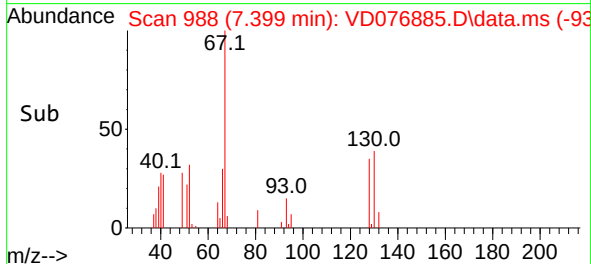
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion:	41	Resp:	2643
Ion Ratio	100	Lower	Upper
41	100		
39	68.9	34.0	51.0
67	106.0	77.0	115.4
52	39.8	27.9	41.9

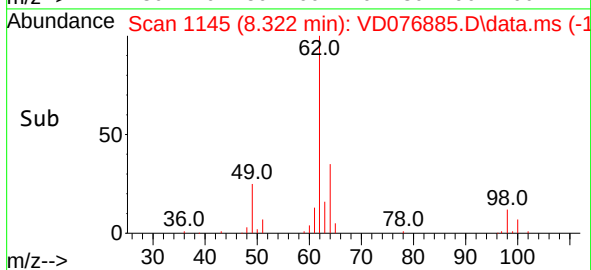
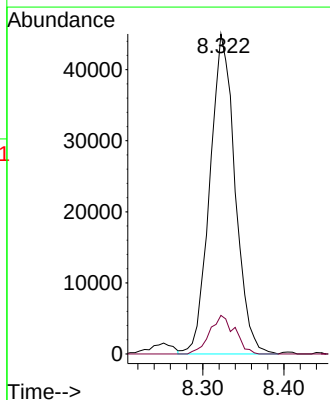
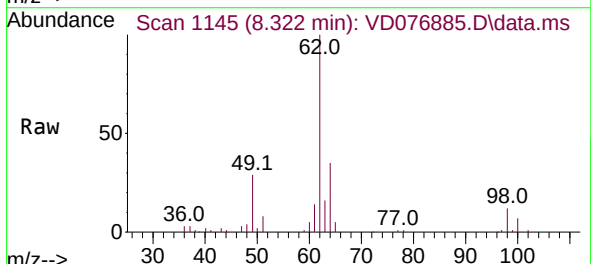
Manual Integrations
APPROVED

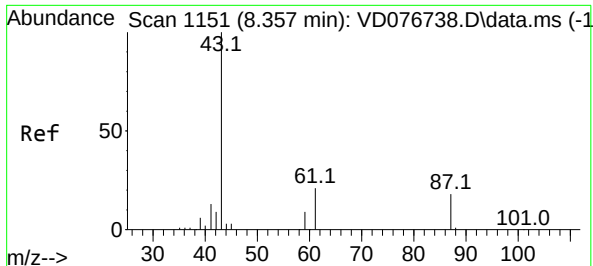
Reviewed By :John Carlone 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023



#42
1,2-Dichloroethane
Concen: 57.299 ug/l
RT: 8.322 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VD076885.D
Acq: 31 Jul 2023 20:15

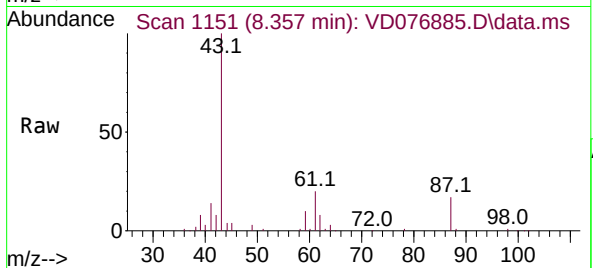
Tgt Ion:	62	Resp:	97360
Ion Ratio	100	Lower	Upper
62	100		
98	12.0	0.0	25.4





#43
Isopropyl Acetate
Concen: 55.618 ug/l
RT: 8.357 min Scan# 1151
Delta R.T. 0.001 min
Lab File: VD076885.D
Acq: 31 Jul 2023 20:15

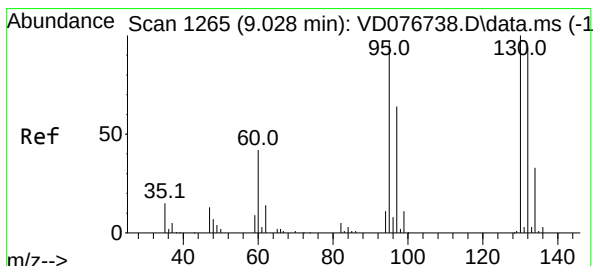
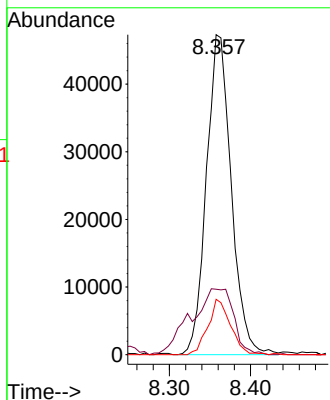
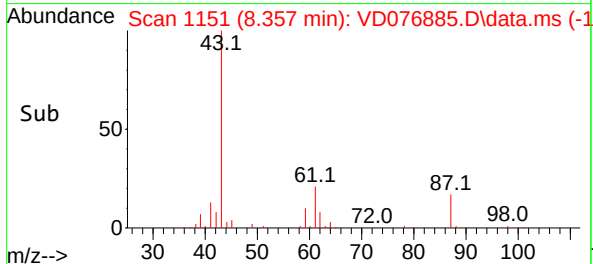
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



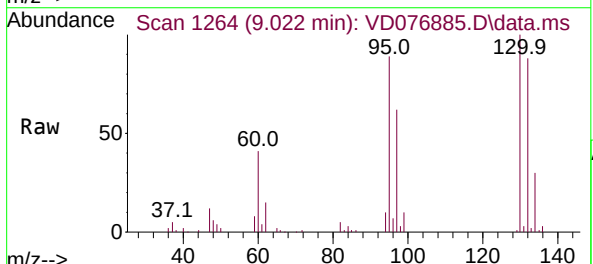
Tgt Ion: 43 Resp: 10060
Ion Ratio Lower Upper
43 100
61 35.4 31.4 47.0
87 15.7 14.9 22.3

Manual Integrations
APPROVED

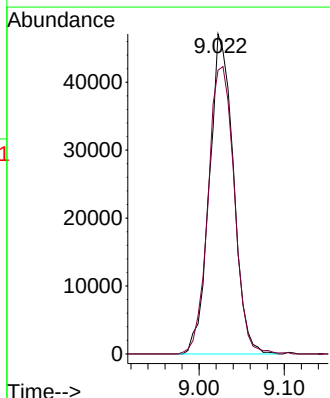
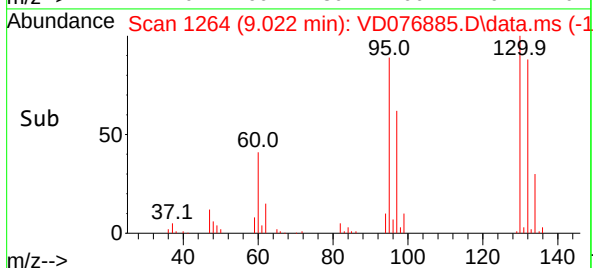
Reviewed By :John Carlone 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023

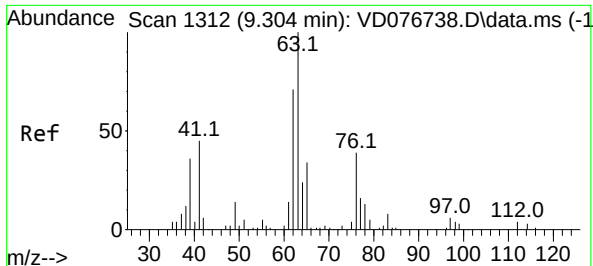


#44
Trichloroethene
Concen: 51.856 ug/l
RT: 9.022 min Scan# 1264
Delta R.T. -0.006 min
Lab File: VD076885.D
Acq: 31 Jul 2023 20:15



Tgt Ion:130 Resp: 92408
Ion Ratio Lower Upper
130 100
95 88.7 0.0 179.2





#45

1,2-Dichloropropane

Concen: 55.435 ug/l

RT: 9.305 min Scan# 1312

Delta R.T. 0.001 min

Lab File: VD076885.D

Acq: 31 Jul 2023 20:15

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 93578

Ion Ratio Lower Upper

63 100

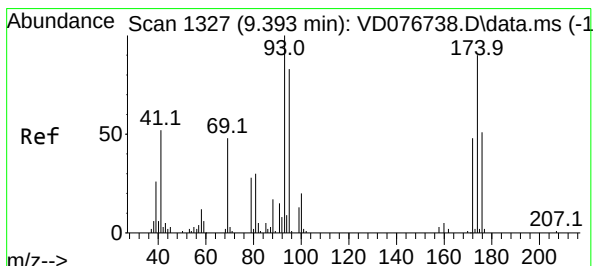
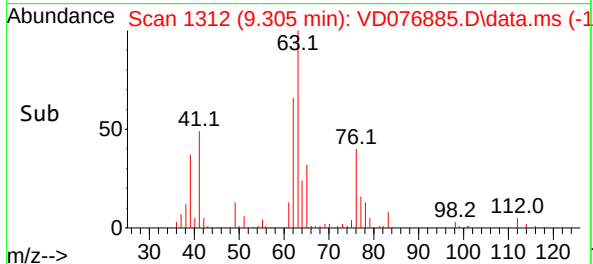
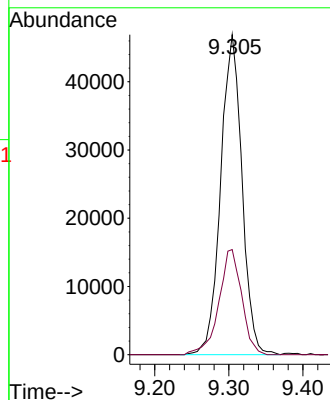
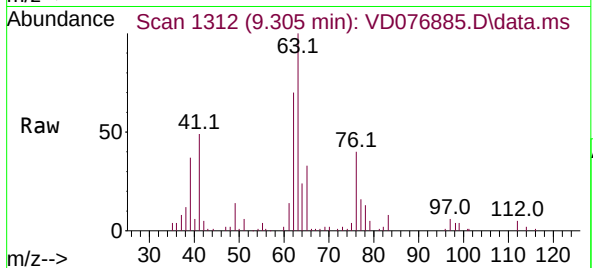
65 32.9 24.5 36.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/01/2023

Supervised By :Mahesh Dadoda 08/01/2023



#46

Dibromomethane

Concen: 58.879 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. -0.000 min

Lab File: VD076885.D

Acq: 31 Jul 2023 20:15

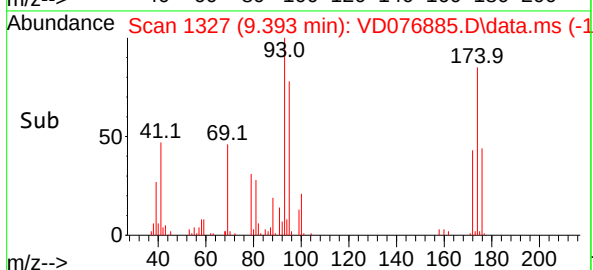
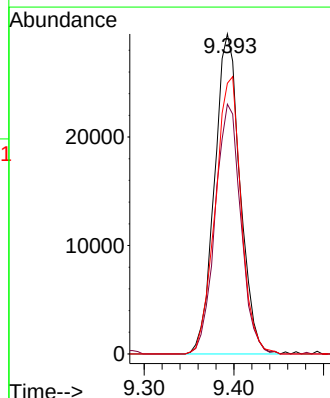
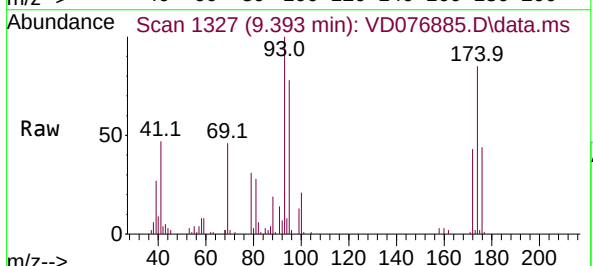
Tgt Ion: 93 Resp: 58178

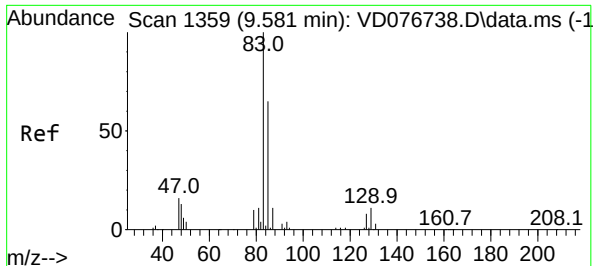
Ion Ratio Lower Upper

93 100

95 78.8 67.7 101.5

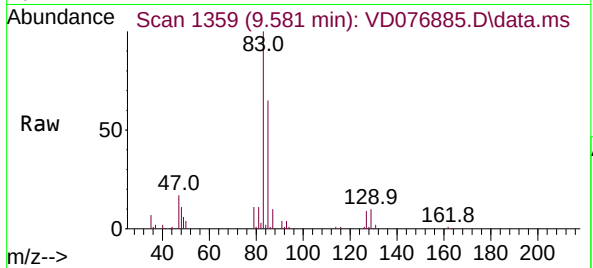
174 87.9 85.4 128.2





#47
Bromodichloromethane
Concen: 56.653 ug/l
RT: 9.581 min Scan# 1359
Delta R.T. -0.000 min
Lab File: VD076885.D
Acq: 31 Jul 2023 20:15

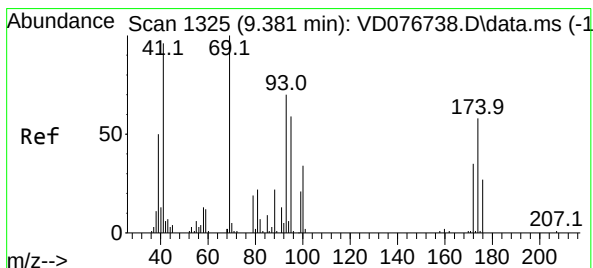
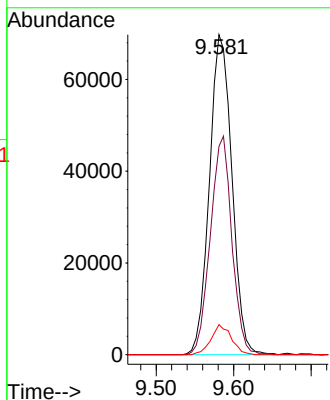
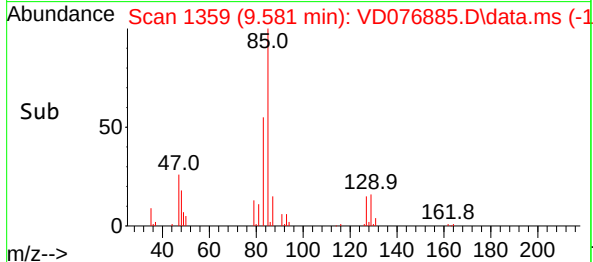
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



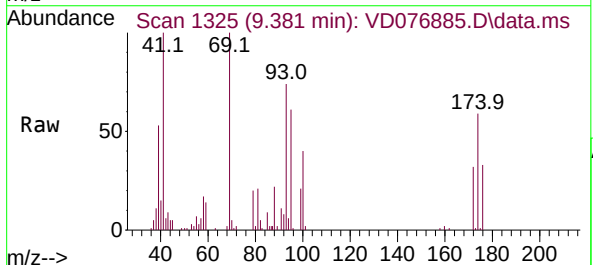
Tgt Ion: 83 Resp: 14047
Ion Ratio Lower Upper
83 100
85 65.1 50.2 75.4
127 9.4 6.3 9.5

Manual Integrations
APPROVED

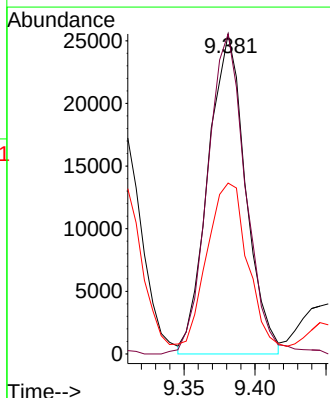
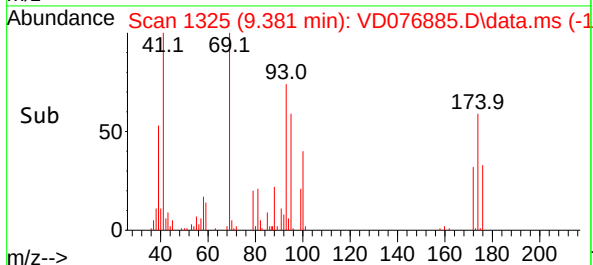
Reviewed By :John Carlone 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023

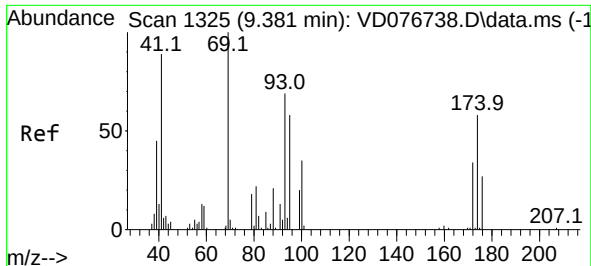


#48
Methyl methacrylate
Concen: 57.115 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. -0.000 min
Lab File: VD076885.D
Acq: 31 Jul 2023 20:15



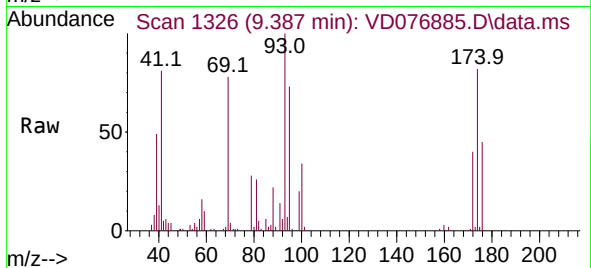
Tgt Ion: 41 Resp: 47022
Ion Ratio Lower Upper
41 100
69 101.8 102.2 153.2#
39 60.2 41.4 62.2





#49
1,4-Dioxane
Concen: 1091.898 ug/l
RT: 9.387 min Scan# 1326
Delta R.T. 0.006 min
Lab File: VD076885.D
Acq: 31 Jul 2023 20:15

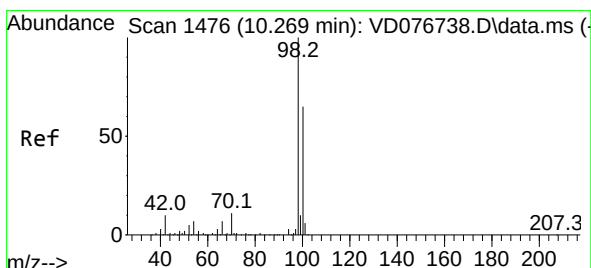
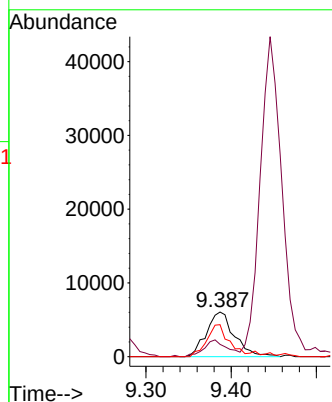
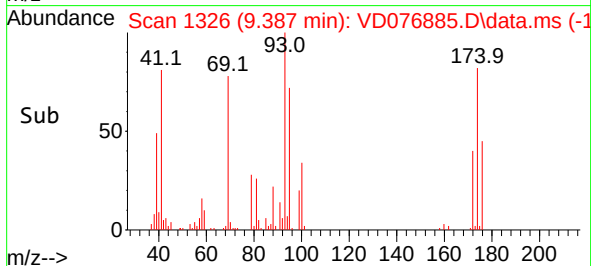
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



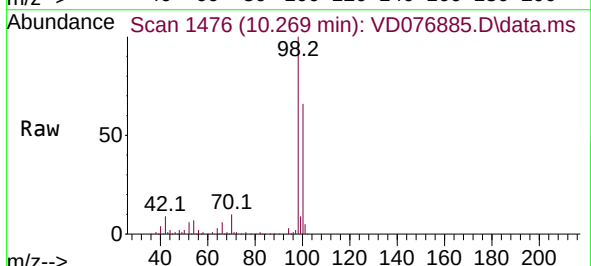
Tgt Ion: 88 Resp: 1382
Ion Ratio Lower Upper
88 100
43 31.6 19.0 28.6
58 57.5 43.5 65.3

Manual Integrations
APPROVED

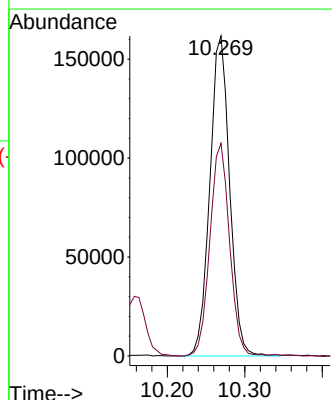
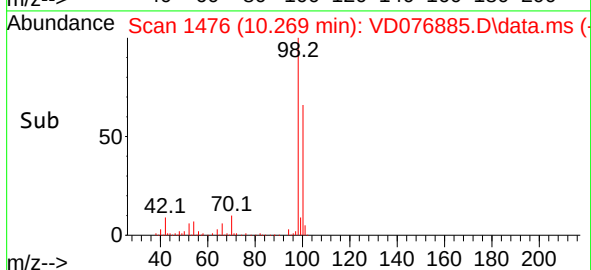
Reviewed By :John Carlone 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023

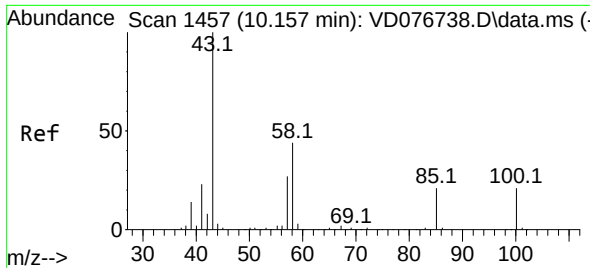


#50
Toluene-d8
Concen: 50.543 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD076885.D
Acq: 31 Jul 2023 20:15



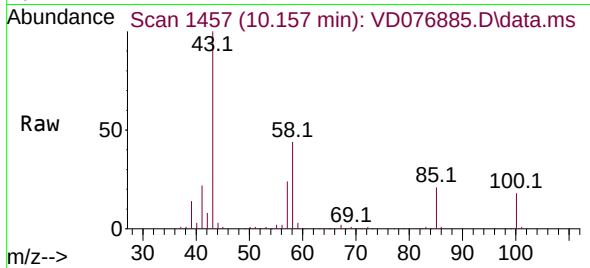
Tgt Ion: 98 Resp: 286782
Ion Ratio Lower Upper
98 100
100 65.9 50.3 75.5





#51
4-Methyl-2-Pentanone
Concen: 292.523 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD076885.D
Acq: 31 Jul 2023 20:15

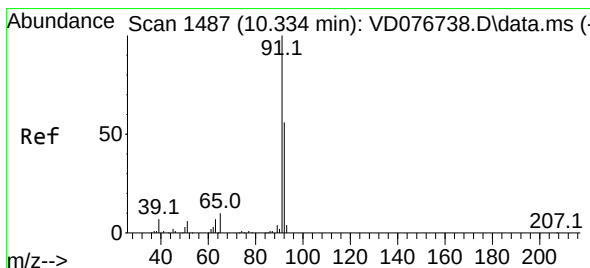
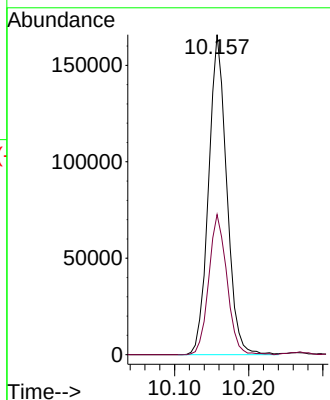
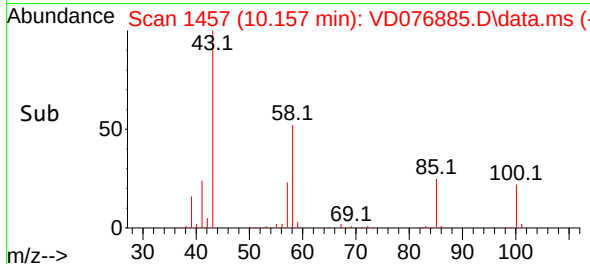
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



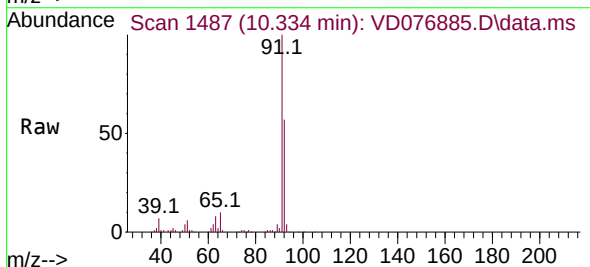
Tgt Ion: 43 Resp: 281732
Ion Ratio Lower Upper
43 100
58 43.9 38.9 58.3

Manual Integrations
APPROVED

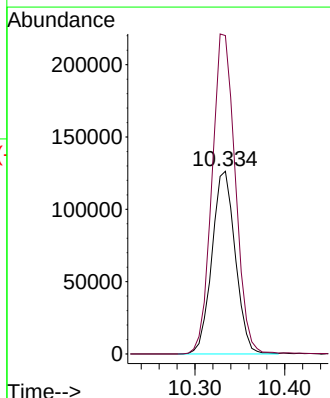
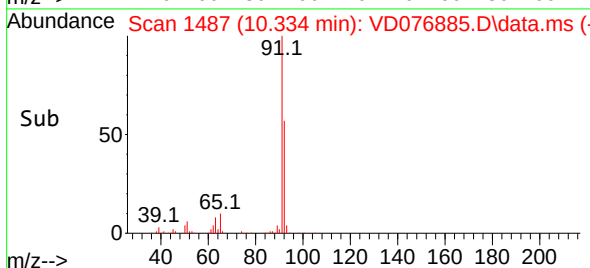
Reviewed By :John Carlone 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023

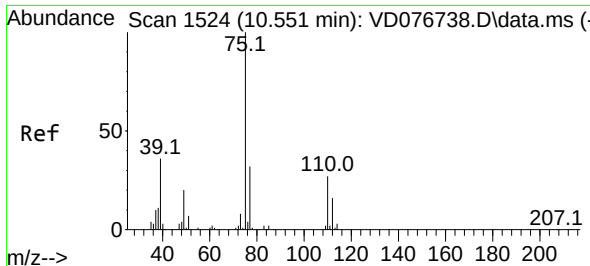


#52
Toluene
Concen: 53.051 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD076885.D
Acq: 31 Jul 2023 20:15



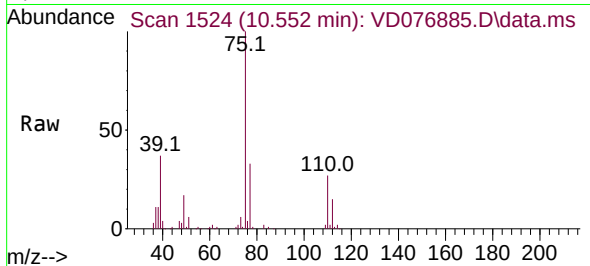
Tgt Ion: 92 Resp: 227855
Ion Ratio Lower Upper
92 100
91 176.0 143.0 214.4





#53
t-1,3-Dichloropropene
Concen: 53.817 ug/l
RT: 10.552 min Scan# 11
Delta R.T. 0.001 min
Lab File: VD076885.D
Acq: 31 Jul 2023 20:15

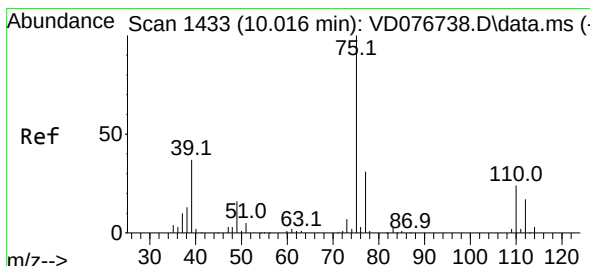
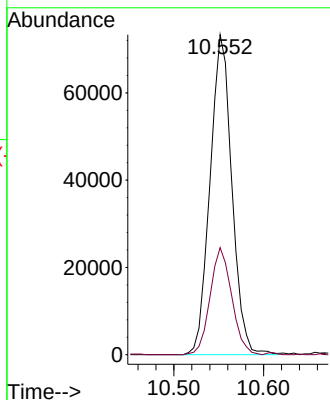
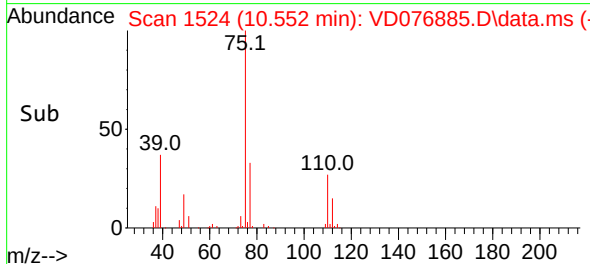
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



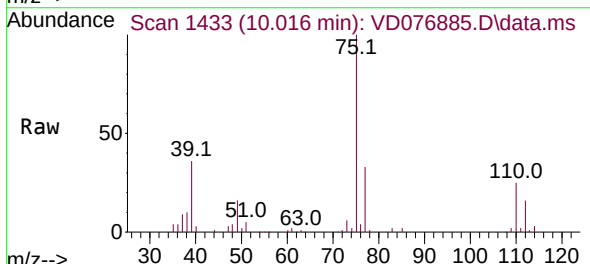
Tgt Ion: 75 Resp: 123860
Ion Ratio Lower Upper
75 100
77 33.4 25.3 37.9

Manual Integrations
APPROVED

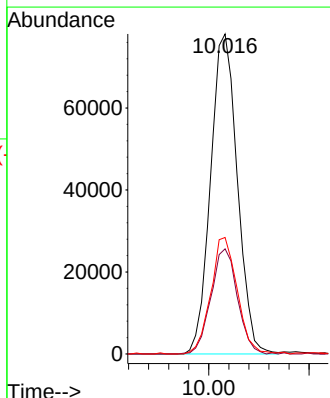
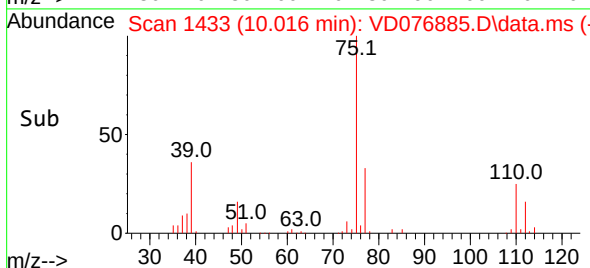
Reviewed By :John Carlone 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023

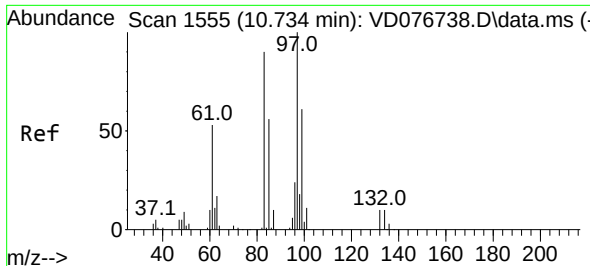


#54
cis-1,3-Dichloropropene
Concen: 53.392 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. 0.000 min
Lab File: VD076885.D
Acq: 31 Jul 2023 20:15



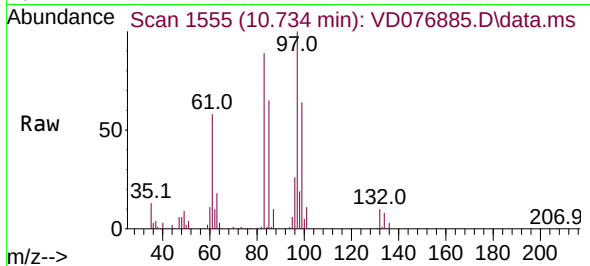
Tgt Ion: 75 Resp: 144824
Ion Ratio Lower Upper
75 100
77 32.8 25.5 38.3
39 36.4 22.1 33.1#





#55
1,1,2-Trichloroethane
Concen: 56.184 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD076885.D
Acq: 31 Jul 2023 20:15

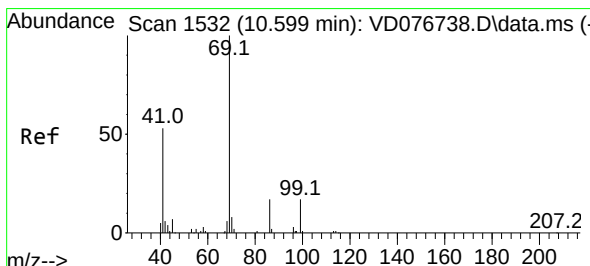
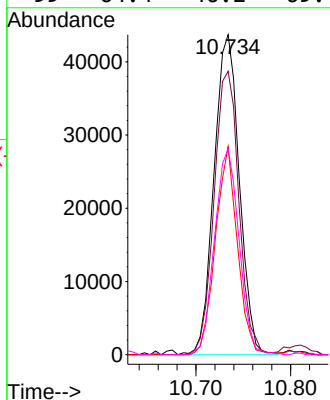
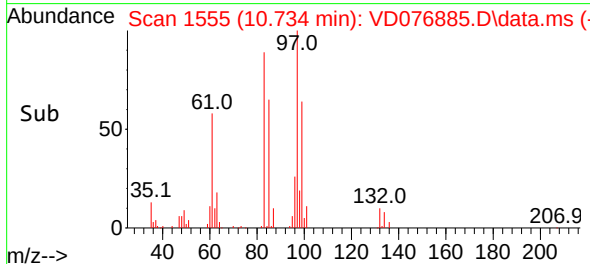
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



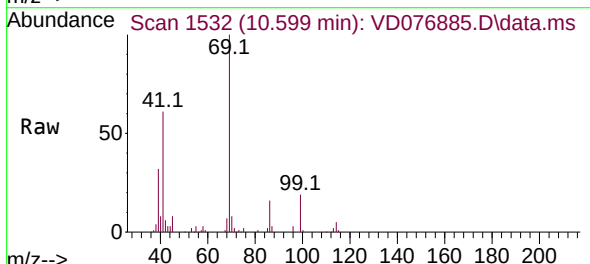
Tgt Ion:	97	Resp:	8106
Ion Ratio	100	Lower	Upper
97	100		
83	88.5	65.8	98.6
85	65.0	45.7	68.5
99	64.4	46.2	69.4

Manual Integrations
APPROVED

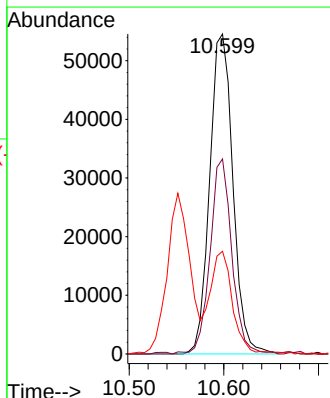
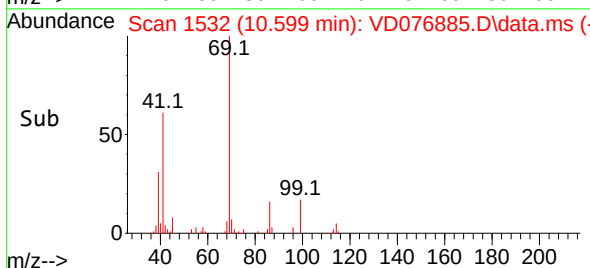
Reviewed By :John Carlone 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023

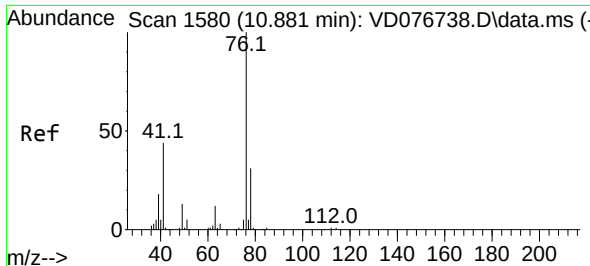


#56
Ethyl methacrylate
Concen: 55.768 ug/l
RT: 10.599 min Scan# 1532
Delta R.T. -0.000 min
Lab File: VD076885.D
Acq: 31 Jul 2023 20:15



Tgt Ion:	69	Resp:	92874
Ion Ratio	100	Lower	Upper
69	100		
41	57.2	39.1	58.7
39	31.7	20.0	30.0





#57

1,3-Dichloropropane

Concen: 55.402 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. -0.000 min

Lab File: VD076885.D

Acq: 31 Jul 2023 20:15

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 13018

Ion Ratio Lower Upper

76 100

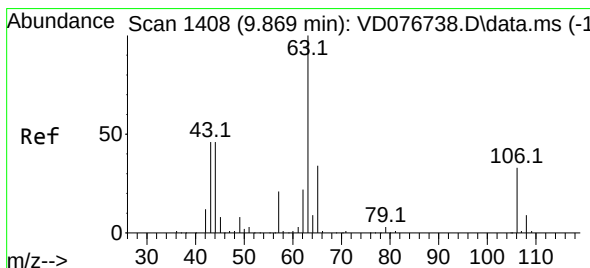
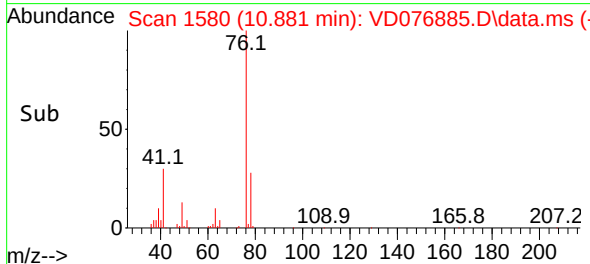
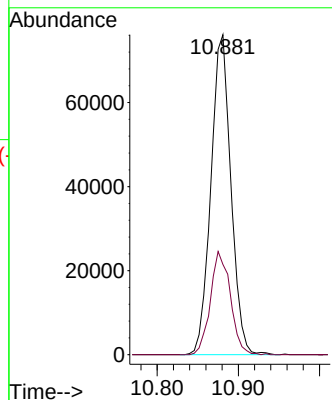
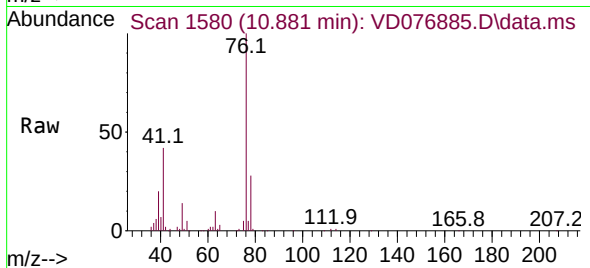
78 32.3 26.4 39.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/01/2023

Supervised By :Mahesh Dadoda 08/01/2023



#58

2-Chloroethyl Vinyl ether

Concen: 234.741 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD076885.D

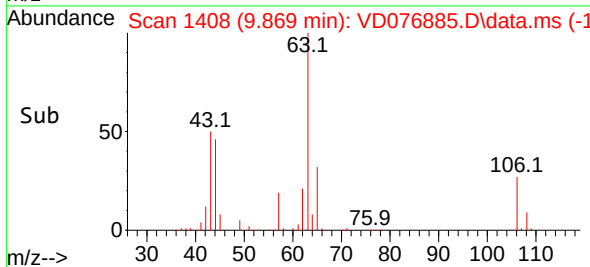
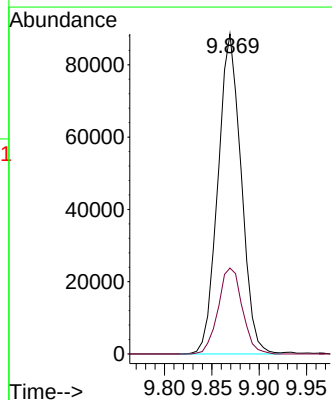
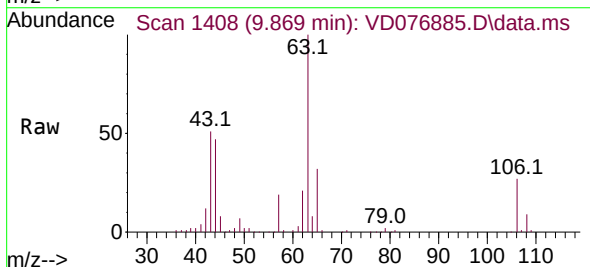
Acq: 31 Jul 2023 20:15

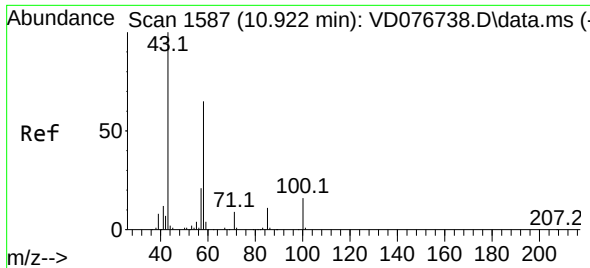
Tgt Ion: 63 Resp: 151320

Ion Ratio Lower Upper

63 100

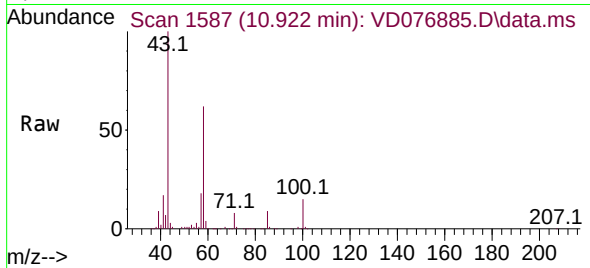
106 27.8 25.3 37.9





#59
2-Hexanone
Concen: 276.617 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD076885.D
Acq: 31 Jul 2023 20:15

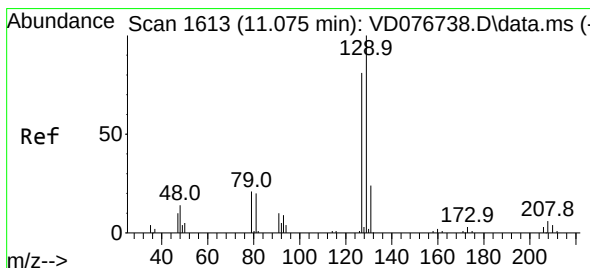
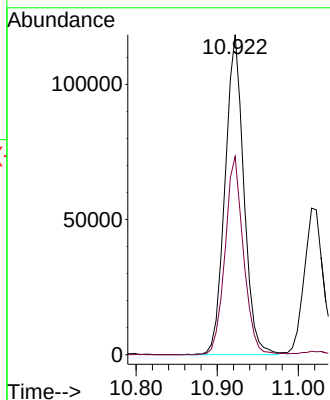
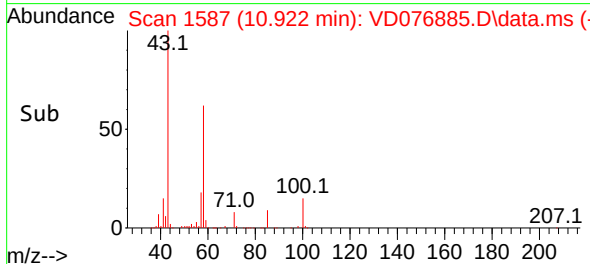
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 190097
Ion Ratio Lower Upper
43 100
58 60.9 34.1 102.2

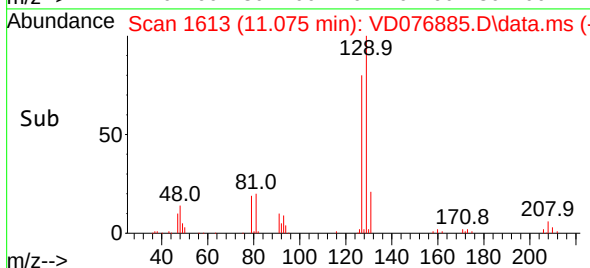
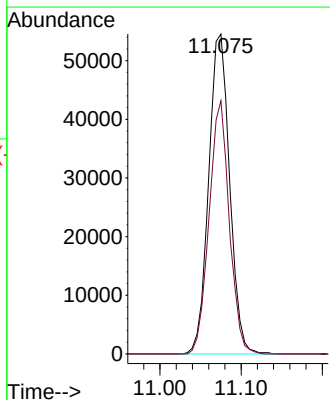
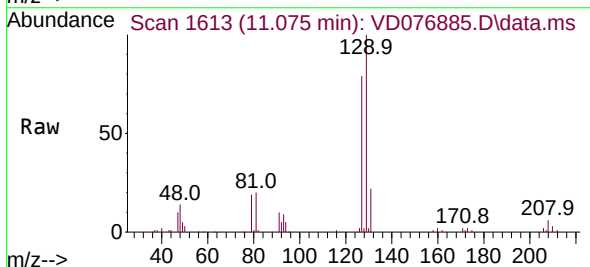
Manual Integrations
APPROVED

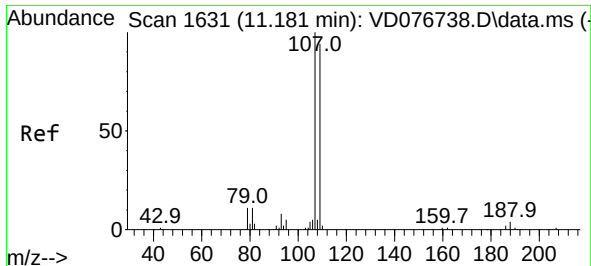
Reviewed By :John Carlone 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023



#60
Dibromochloromethane
Concen: 58.381 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD076885.D
Acq: 31 Jul 2023 20:15

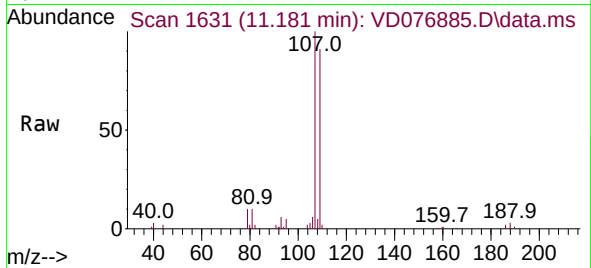
Tgt Ion:129 Resp: 97857
Ion Ratio Lower Upper
129 100
127 76.1 37.1 111.5





#61
1,2-Dibromoethane
Concen: 56.353 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD076885.D
Acq: 31 Jul 2023 20:15

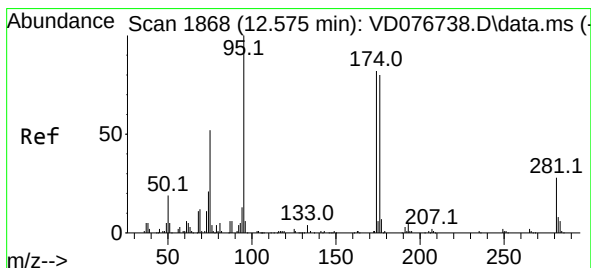
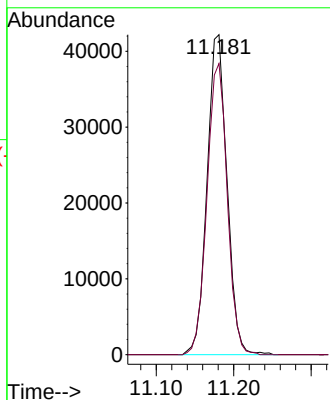
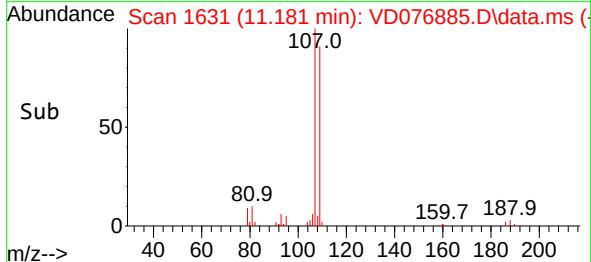
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



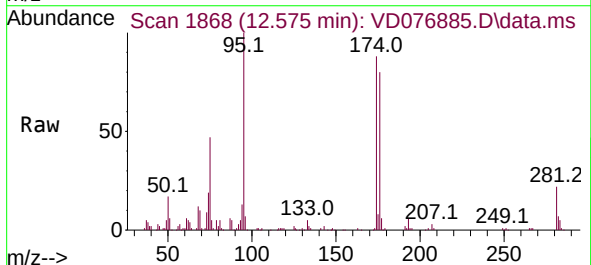
Tgt Ion:107 Resp: 75384
Ion Ratio Lower Upper
107 100
109 92.4 75.6 113.4

Manual Integrations
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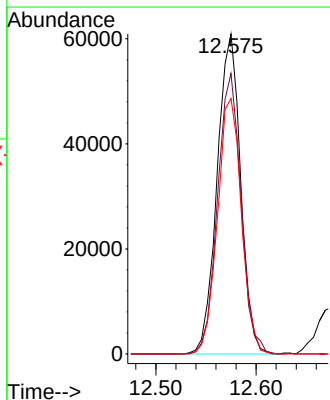
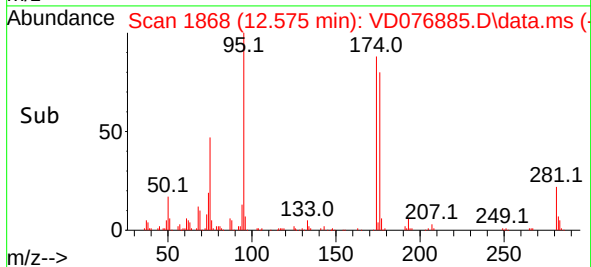
Reviewed By :John Carlone 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023

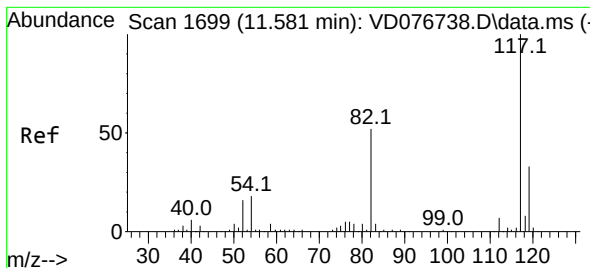


#62
4-Bromofluorobenzene
Concen: 53.976 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076885.D
Acq: 31 Jul 2023 20:15



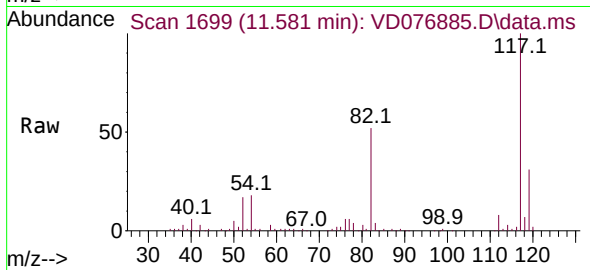
Tgt Ion: 95 Resp: 99075
Ion Ratio Lower Upper
95 100
174 87.4 0.0 201.8
176 81.2 0.0 191.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VD076885.D
Acq: 31 Jul 2023 20:15

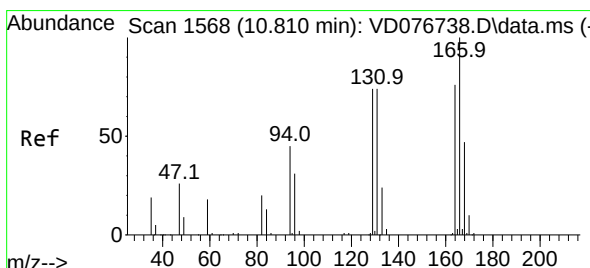
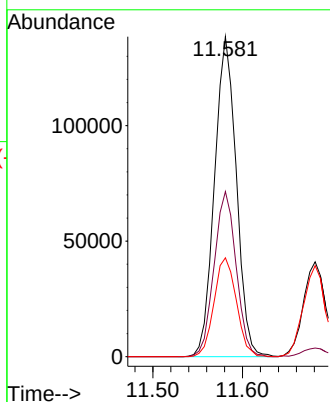
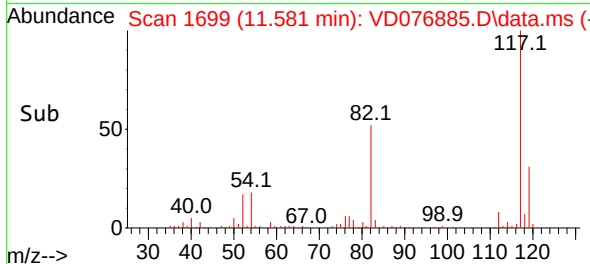
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



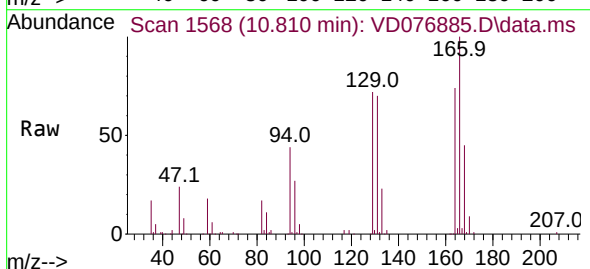
Tgt Ion:117 Resp: 233608
Ion Ratio Lower Upper
117 100
82 51.6 38.3 57.5
119 30.9 25.0 37.4

Manual Integrations
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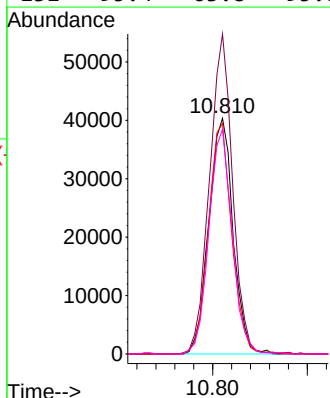
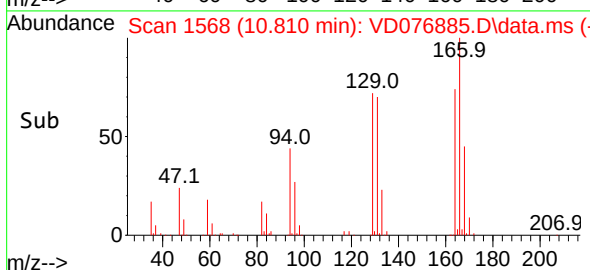
Reviewed By :John Carlone 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023

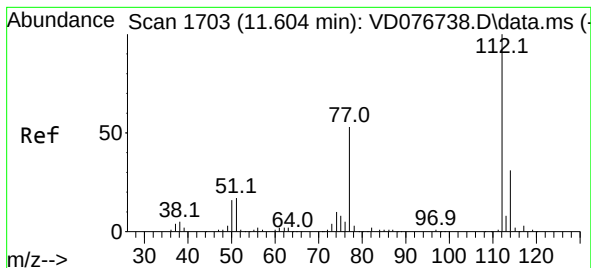


#64
Tetrachloroethene
Concen: 53.646 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD076885.D
Acq: 31 Jul 2023 20:15



Tgt Ion:164 Resp: 71460
Ion Ratio Lower Upper
164 100
166 135.7 99.2 148.8
129 97.8 68.4 102.6
131 95.4 63.8 95.8





#65

Chlorobenzene

Concen: 54.579 ug/l

RT: 11.604 min Scan# 1703

Delta R.T. 0.000 min

Lab File: VD076885.D

Acq: 31 Jul 2023 20:15

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tgt Ion:112 Resp: 256429

Ion Ratio Lower Upper

112 100

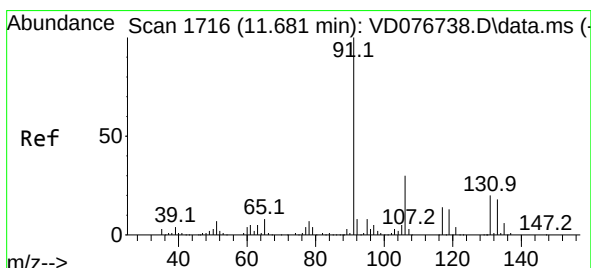
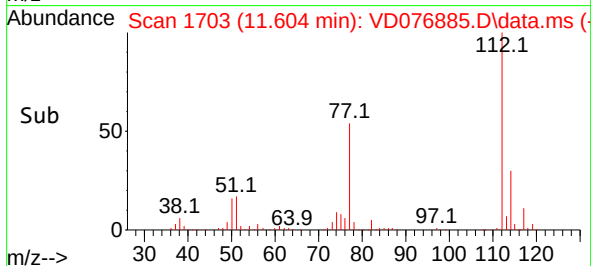
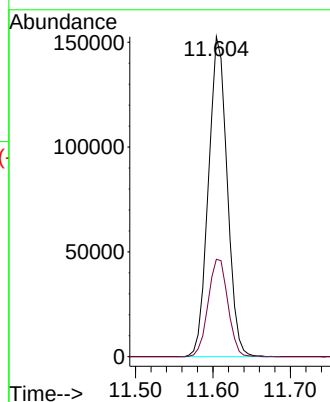
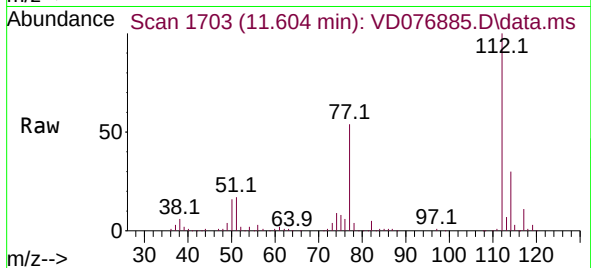
114 30.5 25.1 37.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/01/2023

Supervised By :Mahesh Dadoda 08/01/2023



#66

1,1,1,2-Tetrachloroethane

Concen: 55.800 ug/l

RT: 11.681 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VD076885.D

Acq: 31 Jul 2023 20:15

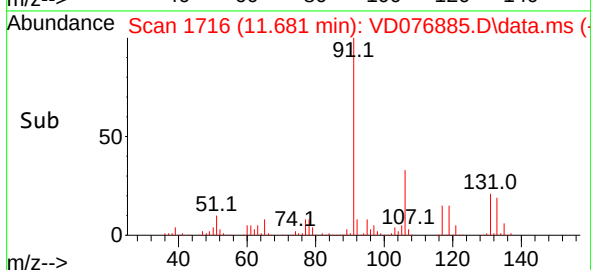
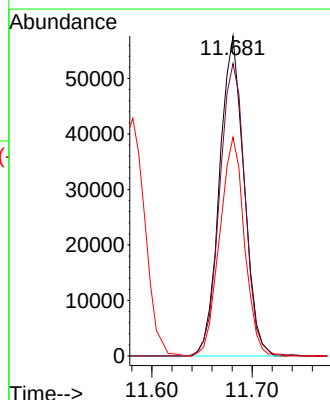
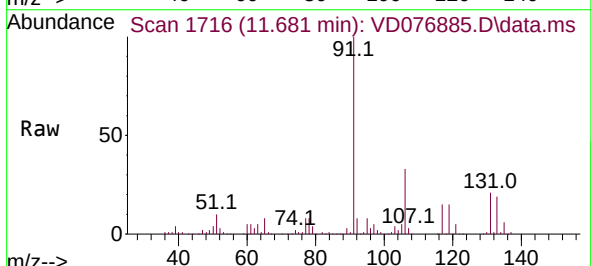
Tgt Ion:131 Resp: 97607

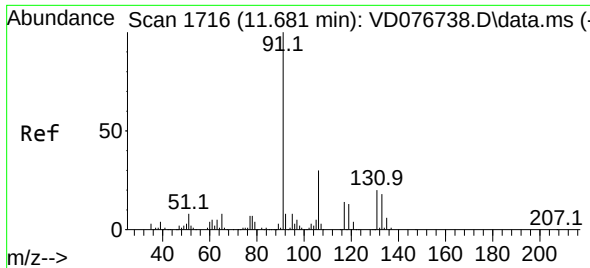
Ion Ratio Lower Upper

131 100

133 95.2 48.5 145.5

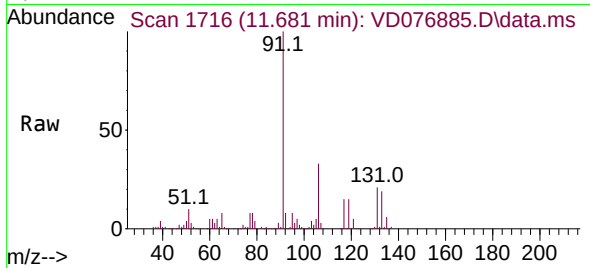
119 68.9 35.6 106.9





#67
Ethyl Benzene
Concen: 54.154 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD076885.D
Acq: 31 Jul 2023 20:15

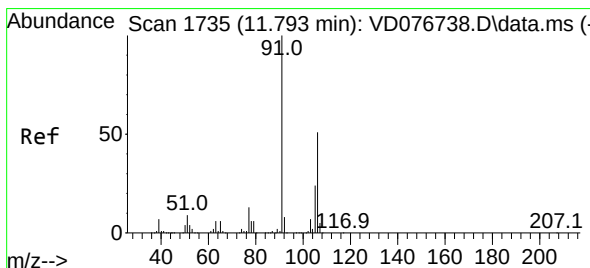
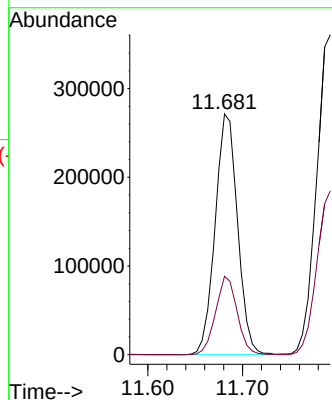
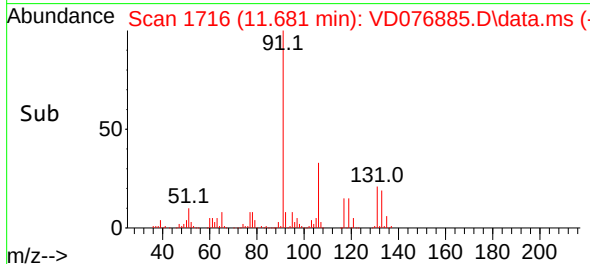
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



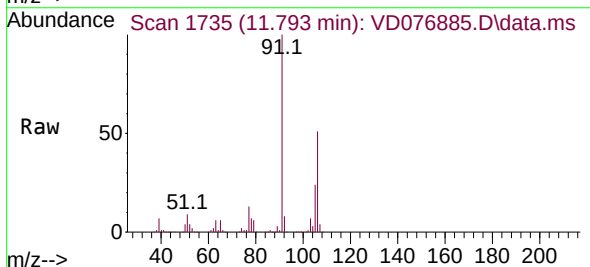
Tgt Ion: 91 Resp: 446838
Ion Ratio Lower Upper
91 100
106 32.6 26.5 39.7

Manual Integrations
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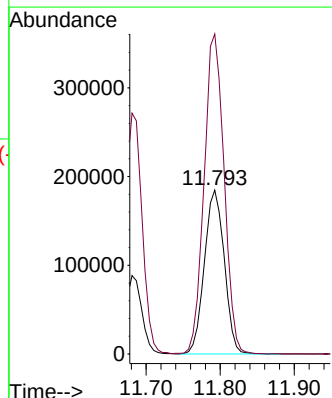
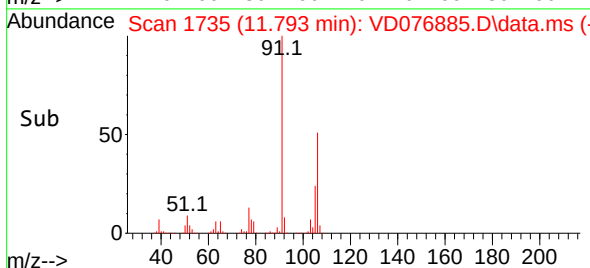
Reviewed By :John Carlone 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023

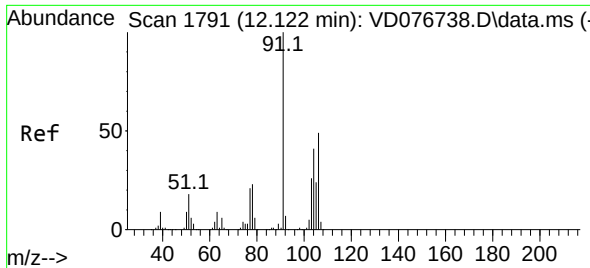


#68
m/p-Xylenes
Concen: 108.661 ug/l
RT: 11.793 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VD076885.D
Acq: 31 Jul 2023 20:15



Tgt Ion:106 Resp: 344342
Ion Ratio Lower Upper
106 100
91 196.3 147.0 220.6





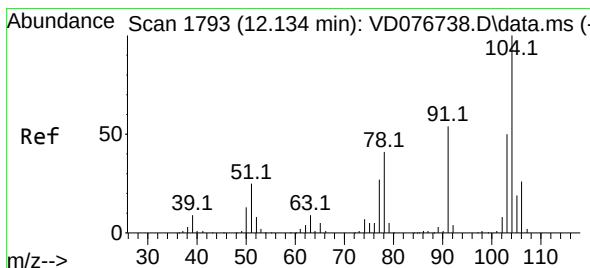
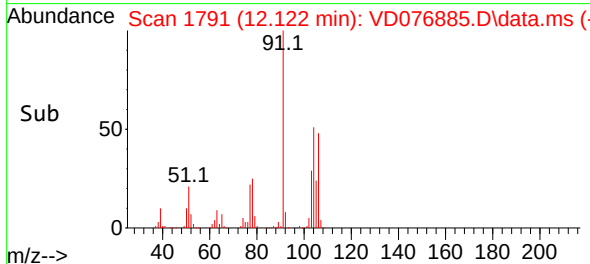
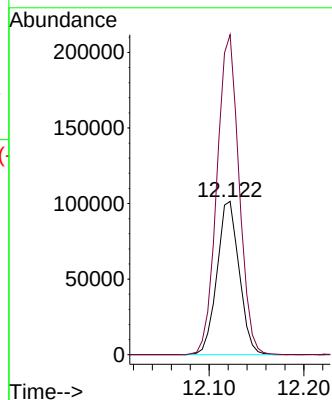
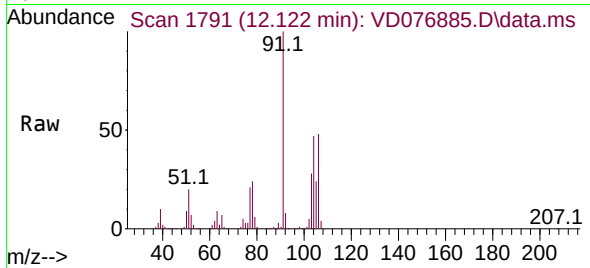
#69
o-Xylene
Concen: 53.857 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD076885.D
Acq: 31 Jul 2023 20:15

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 16504
Ion Ratio Lower Upper
106 100
91 208.9 97.9 293.6

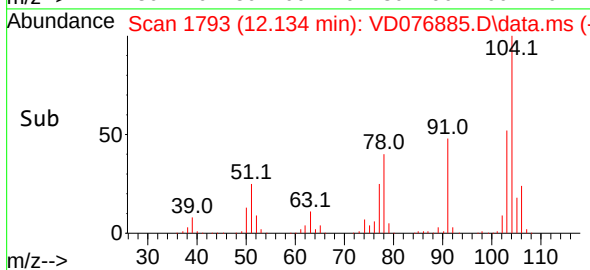
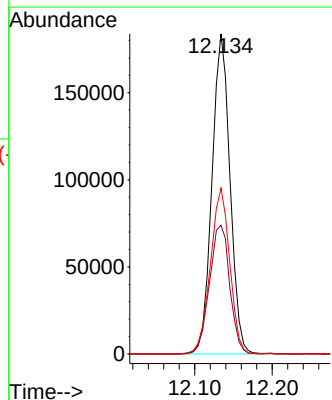
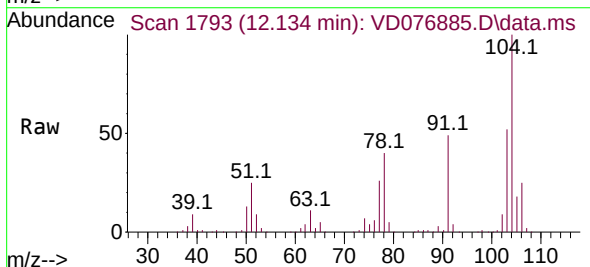
Manual Integrations
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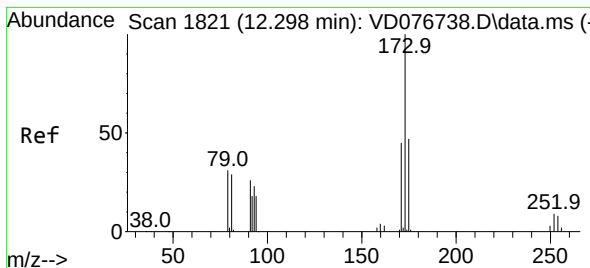
Reviewed By :John Carlone 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023



#70
Styrene
Concen: 55.503 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD076885.D
Acq: 31 Jul 2023 20:15

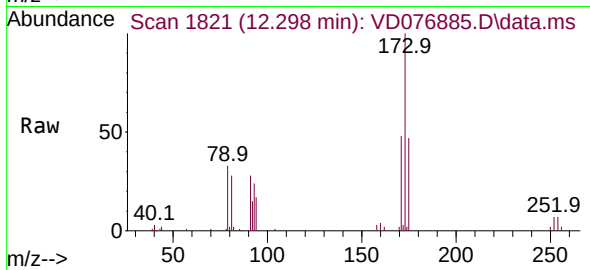
Tgt Ion:104 Resp: 297744
Ion Ratio Lower Upper
104 100
78 45.3 33.2 49.8
103 55.4 43.6 65.4





#71
Bromoform
Concen: 59.359 ug/l
RT: 12.298 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD076885.D
Acq: 31 Jul 2023 20:15

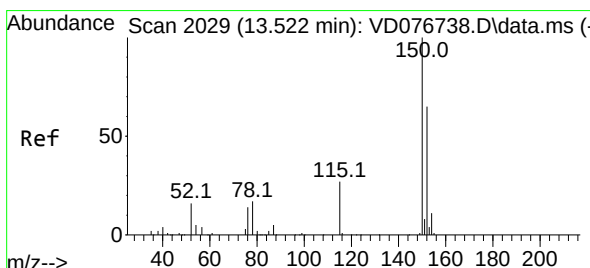
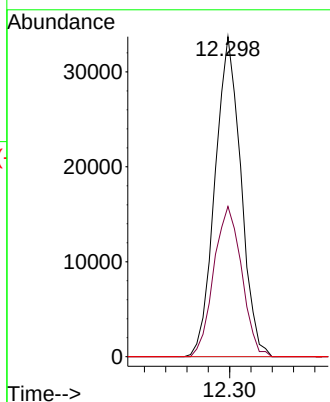
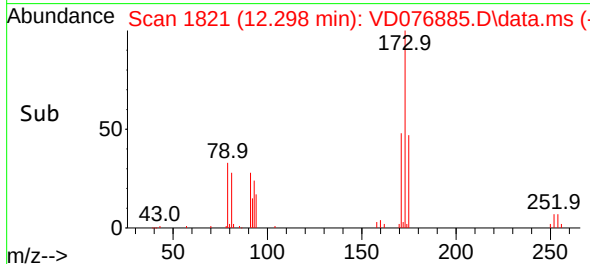
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



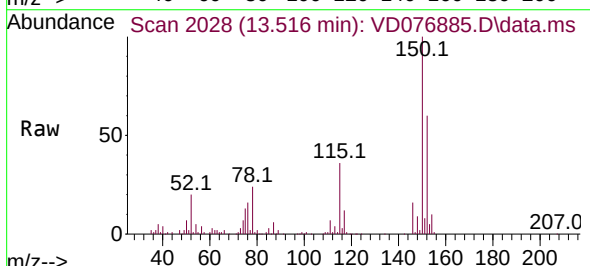
Tgt Ion:173 Resp: 5686
Ion Ratio Lower Upper
173 100
175 50.5 24.6 73.8
254 0.0 0.0 0.0

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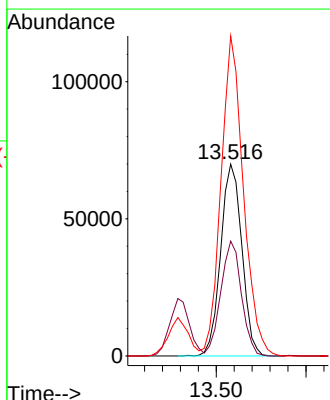
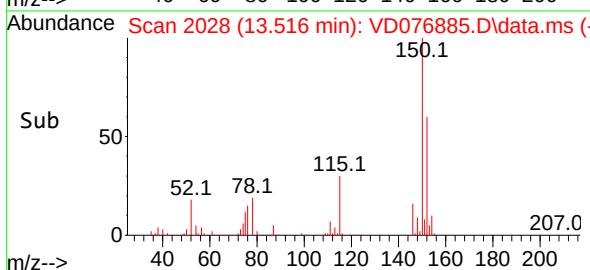
Reviewed By :John Carlone 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023

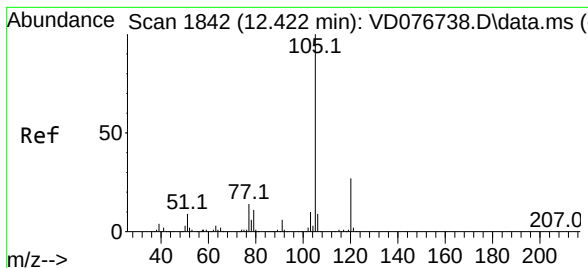


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.006 min
Lab File: VD076885.D
Acq: 31 Jul 2023 20:15



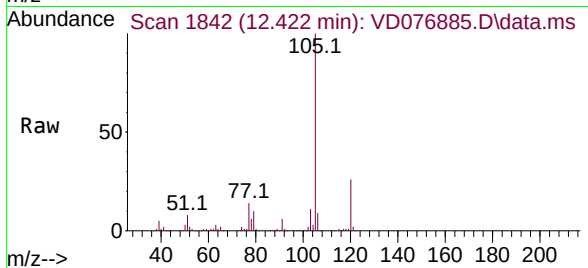
Tgt Ion:152 Resp: 114684
Ion Ratio Lower Upper
152 100
115 58.3 27.1 81.3
150 176.2 0.0 353.6





#73
Isopropylbenzene
Concen: 53.257 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD076885.D
Acq: 31 Jul 2023 20:15

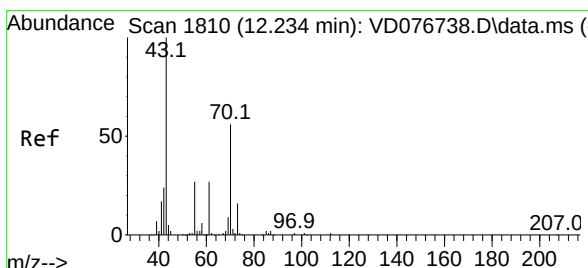
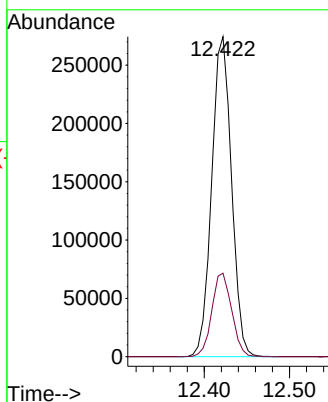
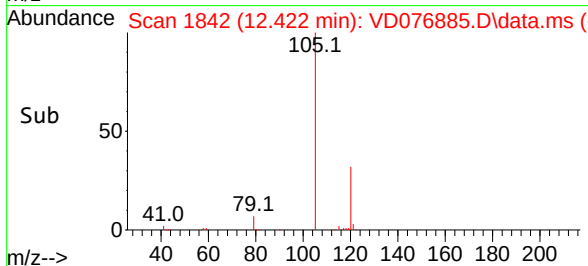
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion:105 Resp: 443128
Ion Ratio Lower Upper
105 100
120 26.1 14.3 42.9

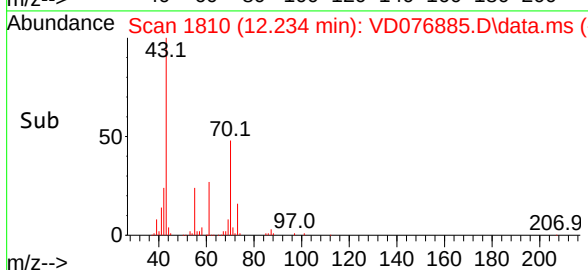
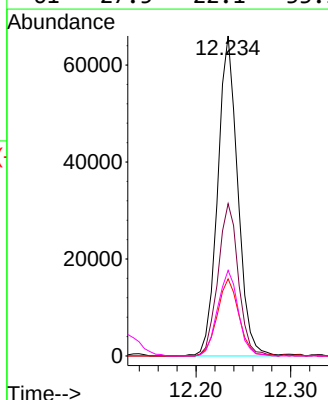
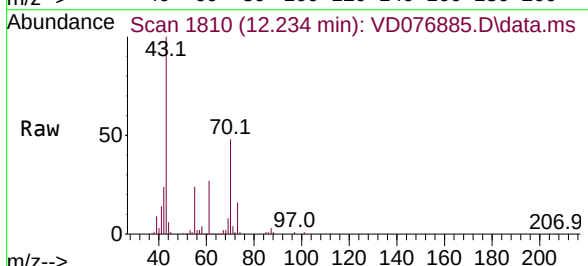
Manual Integrations
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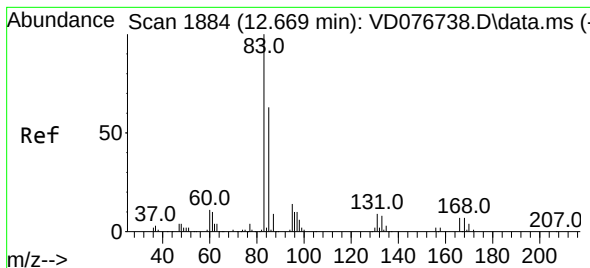
Reviewed By :John Carlone 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023



#74
N-ethyl acetate
Concen: 55.454 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VD076885.D
Acq: 31 Jul 2023 20:15

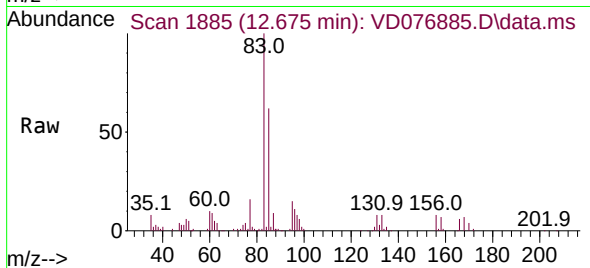
Tgt Ion: 43 Resp: 97205
Ion Ratio Lower Upper
43 100
70 48.4 45.0 67.4
55 25.8 23.8 35.6
61 27.5 22.1 33.1





#75
 1,1,2,2-Tetrachloroethane
 Concen: 58.171 ug/l
 RT: 12.675 min Scan# 1885
 Delta R.T. 0.006 min
 Lab File: VD076885.D
 Acq: 31 Jul 2023 20:15

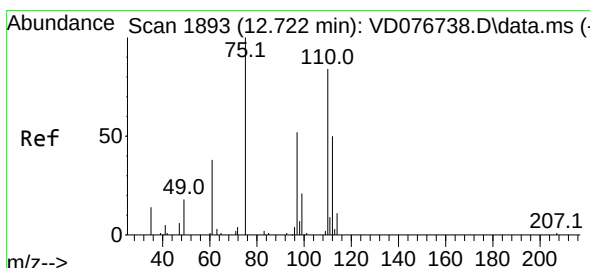
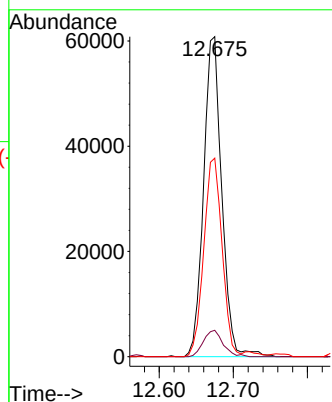
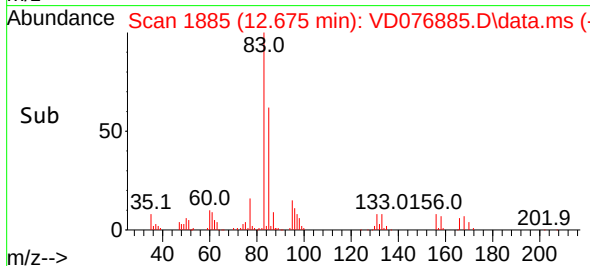
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC



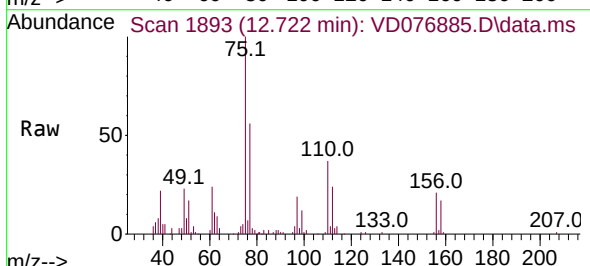
Tgt Ion: 83 Resp: 10392
 Ion Ratio Lower Upper
 83 100
 131 8.9 5.1 15.3
 85 62.4 32.6 97.8

Manual Integrations
 APPROVED

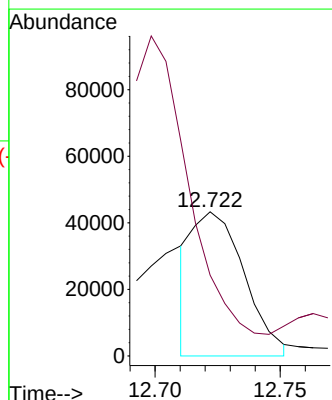
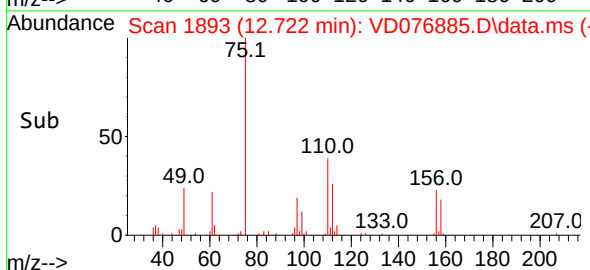
Reviewed By :John Carlone 08/01/2023
 Supervised By :Mahesh Dadoda 08/01/2023

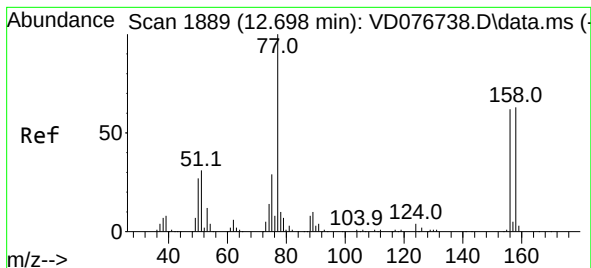


#76
 1,2,3-Trichloropropane
 Concen: 57.660 ug/l m
 RT: 12.722 min Scan# 1893
 Delta R.T. -0.000 min
 Lab File: VD076885.D
 Acq: 31 Jul 2023 20:15



Tgt Ion: 75 Resp: 62886
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 55.242 ug/l

RT: 12.698 min Scan# 1889

Delta R.T. 0.000 min

Lab File: VD076885.D

Acq: 31 Jul 2023 20:15

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

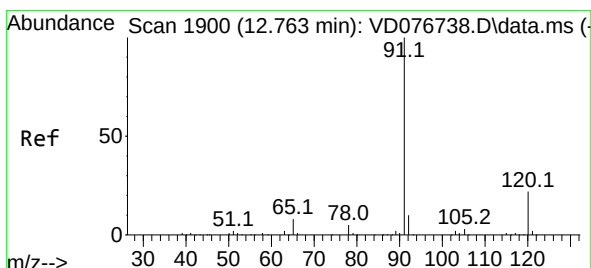
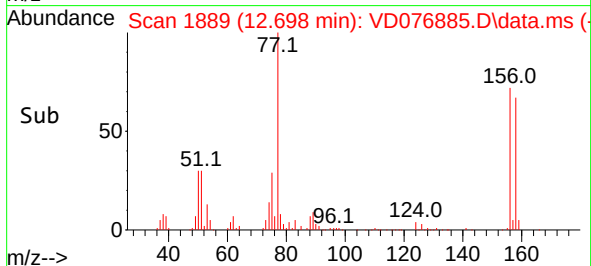
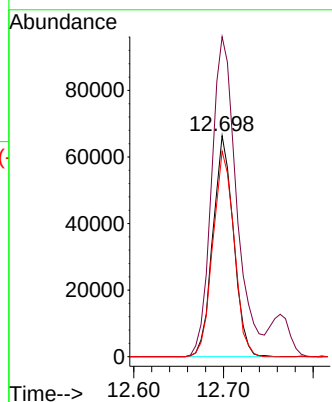
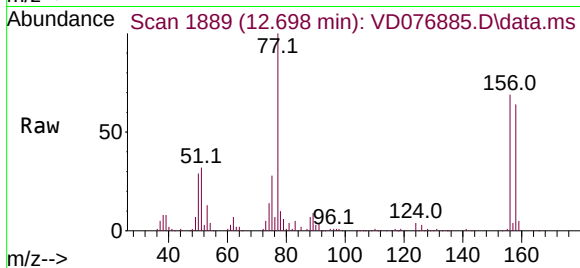
Tgt Ion:156 Resp: 106097
 Ion Ratio Lower Upper
 156 100
 77 175.2 76.8 230.4
 158 95.2 48.6 145.9

Manual Integrations

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Reviewed By :John Carlone 08/01/2023

Supervised By :Mahesh Dadoda 08/01/2023



#78

n-propylbenzene

Concen: 54.643 ug/l

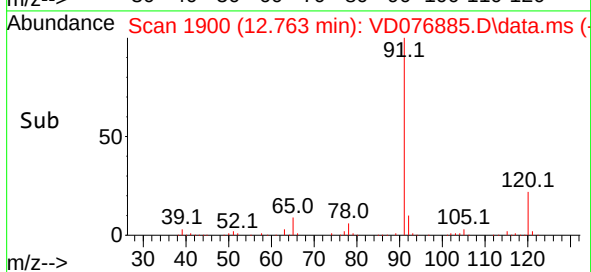
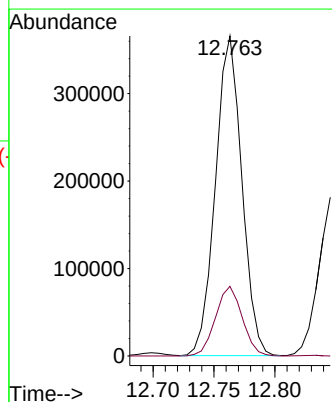
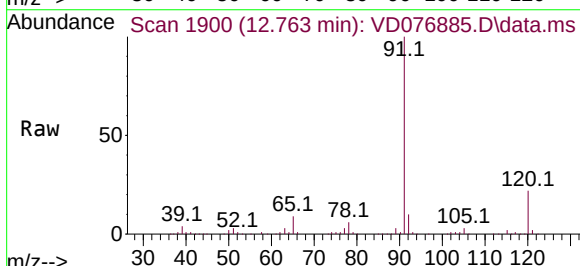
RT: 12.763 min Scan# 1900

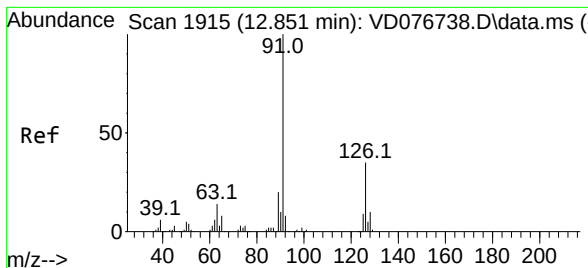
Delta R.T. 0.000 min

Lab File: VD076885.D

Acq: 31 Jul 2023 20:15

Tgt Ion: 91 Resp: 551189
 Ion Ratio Lower Upper
 91 100
 120 22.0 12.4 37.2





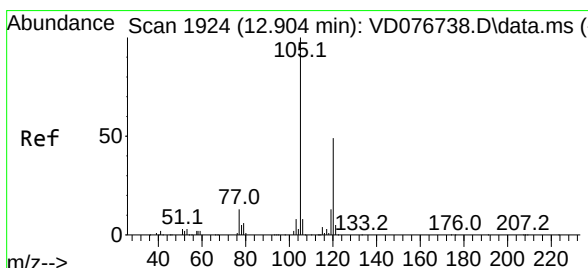
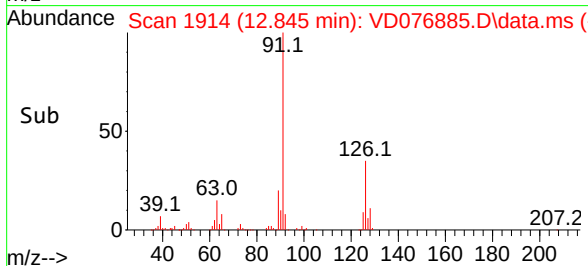
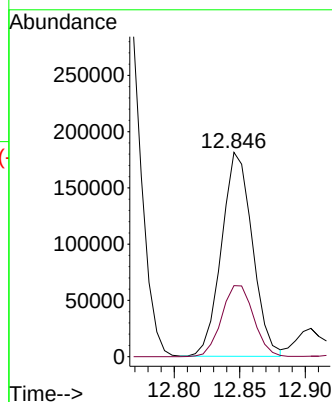
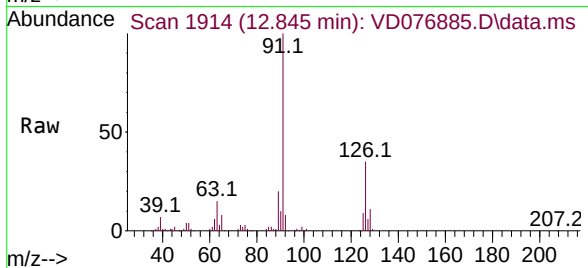
#79
2-Chlorotoluene
Concen: 53.711 ug/l
RT: 12.845 min Scan# 1915
Delta R.T. -0.006 min
Lab File: VD076885.D
Acq: 31 Jul 2023 20:15

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 297060
Ion Ratio Lower Upper
91 100
126 36.2 19.4 58.1

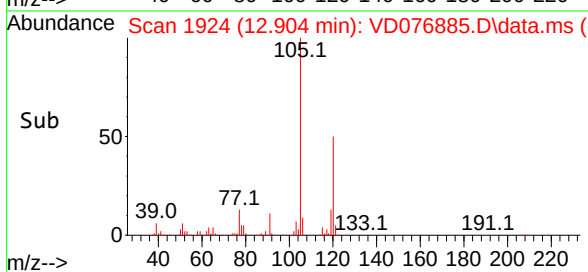
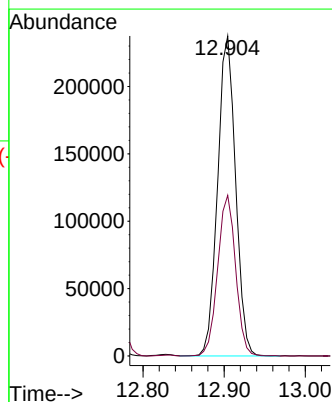
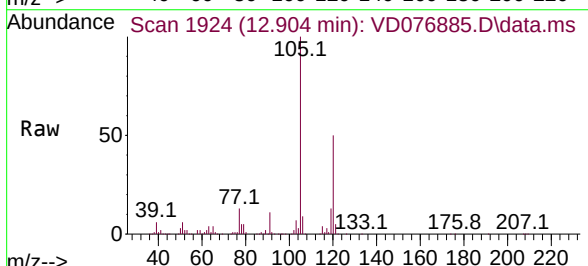
Manual Integrations
APPROVED

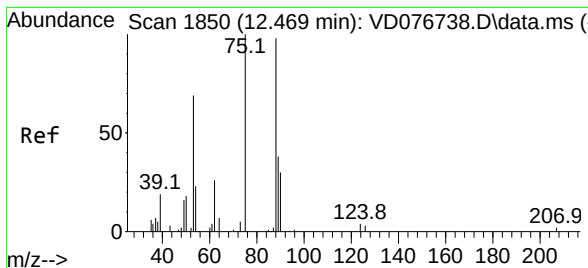
Reviewed By :John Carlone 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023



#80
1,3,5-Trimethylbenzene
Concen: 54.408 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD076885.D
Acq: 31 Jul 2023 20:15

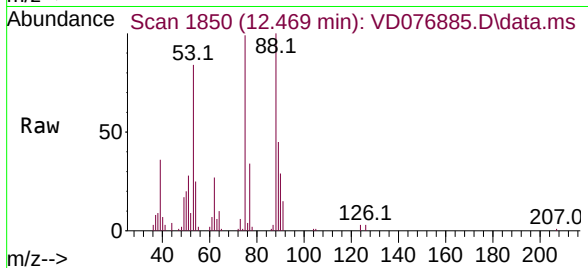
Tgt Ion:105 Resp: 366051
Ion Ratio Lower Upper
105 100
120 50.1 26.4 79.2





#81
trans-1,4-Dichloro-2-butene
Concen: 52.641 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VD076885.D
Acq: 31 Jul 2023 20:15

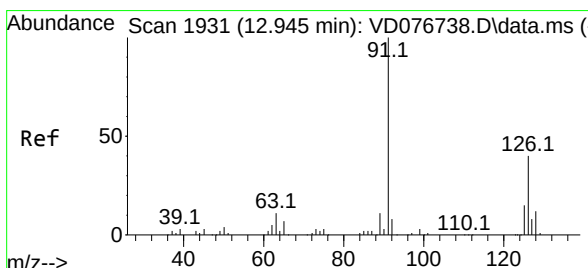
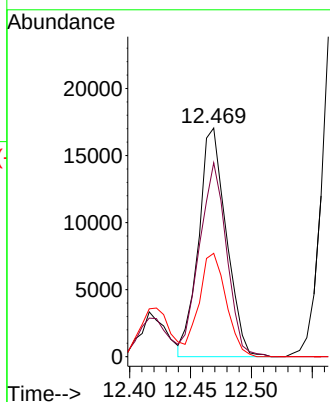
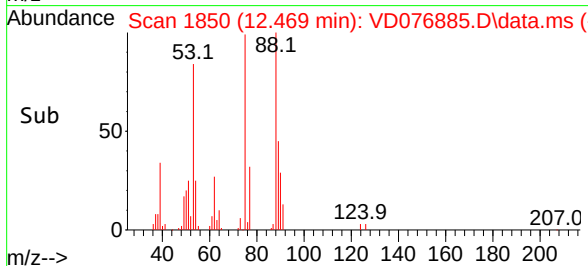
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



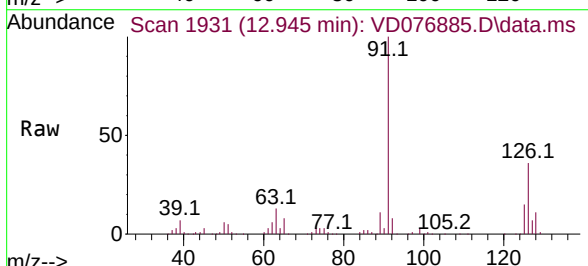
Tgt Ion: 75 Resp: 26970
Ion Ratio Lower Upper
75 100
53 83.8 63.0 94.4
89 43.8 37.9 56.9

Manual Integrations
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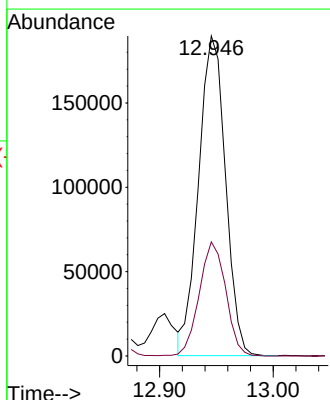
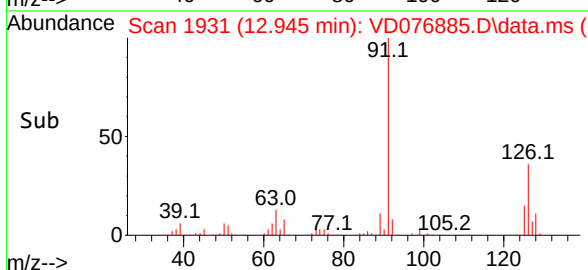
Reviewed By :John Carlone 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023

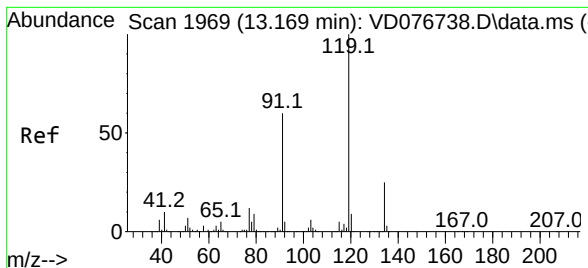


#82
4-Chlorotoluene
Concen: 53.919 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD076885.D
Acq: 31 Jul 2023 20:15



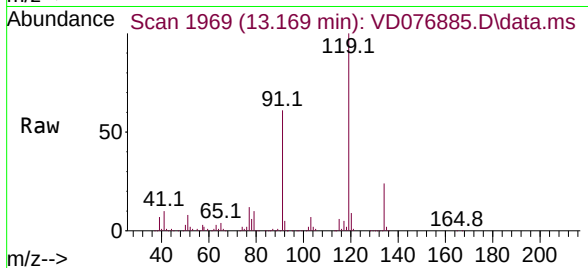
Tgt Ion: 91 Resp: 311542
Ion Ratio Lower Upper
91 100
126 35.2 19.4 58.4





#83
tert-Butylbenzene
Concen: 54.249 ug/l
RT: 13.169 min Scan# 1969
Delta R.T. 0.000 min
Lab File: VD076885.D
Acq: 31 Jul 2023 20:15

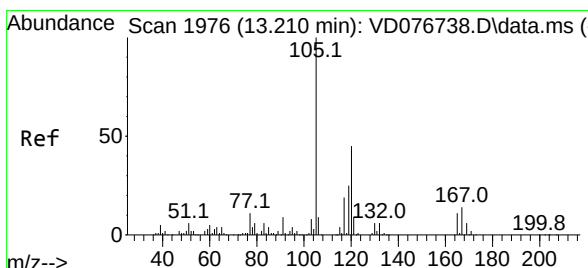
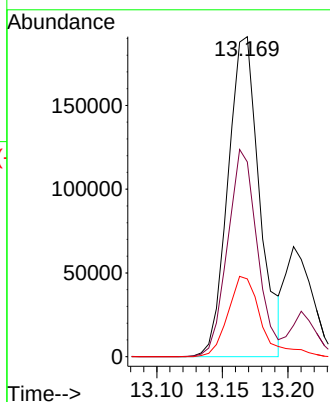
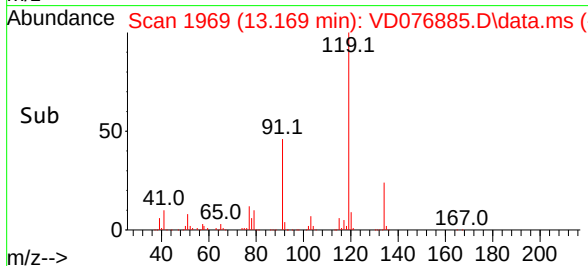
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



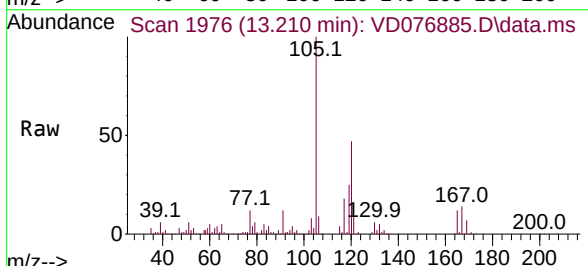
Tgt Ion:119 Resp: 32136
Ion Ratio Lower Upper
119 100
91 60.8 29.3 87.8
134 26.5 14.1 42.3

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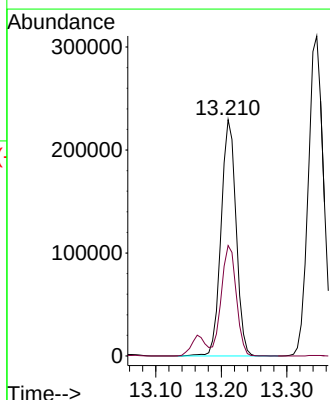
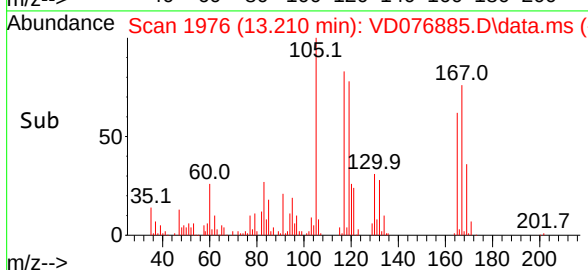
Reviewed By :John Carlone 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023

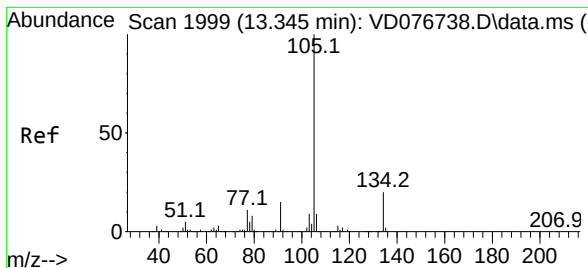


#84
1,2,4-Trimethylbenzene
Concen: 52.765 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. 0.000 min
Lab File: VD076885.D
Acq: 31 Jul 2023 20:15



Tgt Ion:105 Resp: 362773
Ion Ratio Lower Upper
105 100
120 47.0 24.3 72.9





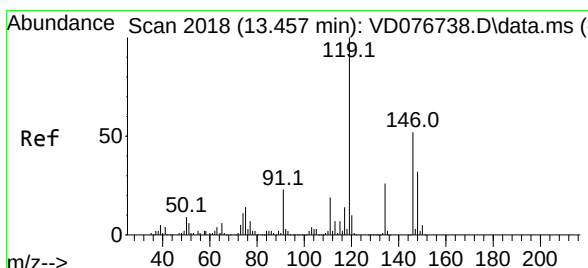
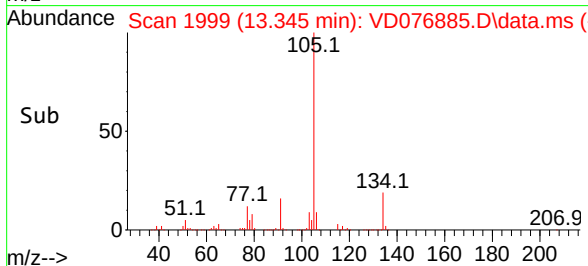
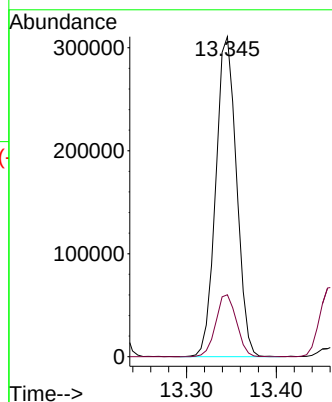
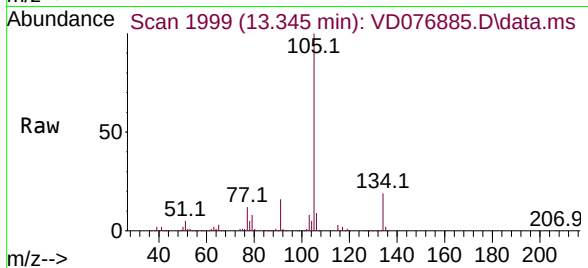
#85
 sec-Butylbenzene
 Concen: 55.029 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VD076885.D
 Acq: 31 Jul 2023 20:15

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:105 Resp: 498052
 Ion Ratio Lower Upper
 105 100
 134 19.4 10.9 32.9

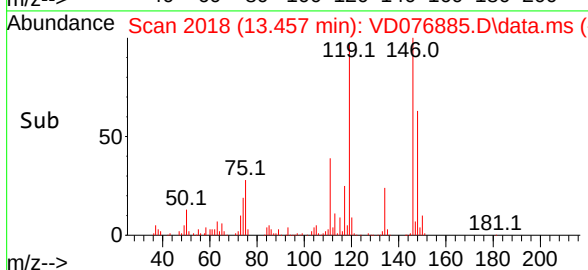
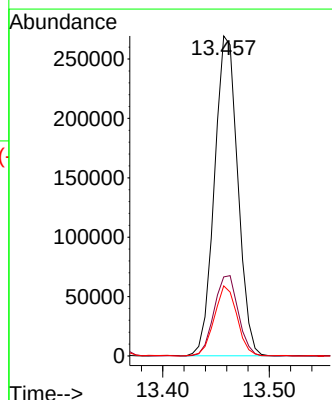
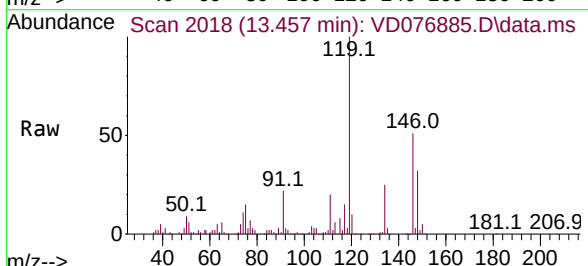
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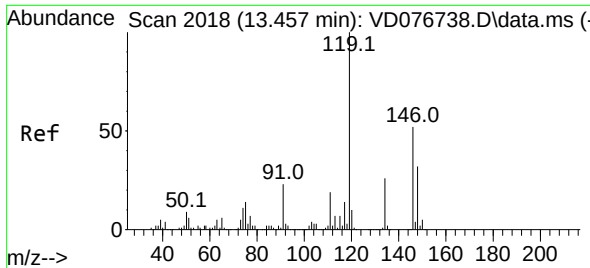
Reviewed By :John Carlone 08/01/2023
 Supervised By :Mahesh Dadoda 08/01/2023



#86
 p-Isopropyltoluene
 Concen: 54.642 ug/l
 RT: 13.457 min Scan# 2018
 Delta R.T. 0.000 min
 Lab File: VD076885.D
 Acq: 31 Jul 2023 20:15

Tgt Ion:119 Resp: 408432
 Ion Ratio Lower Upper
 119 100
 134 26.0 14.2 42.6
 91 21.4 10.5 31.5





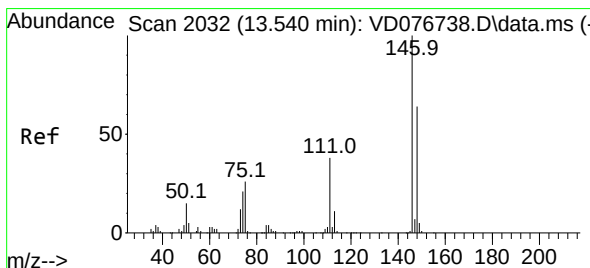
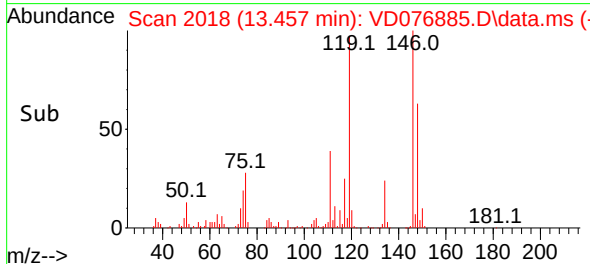
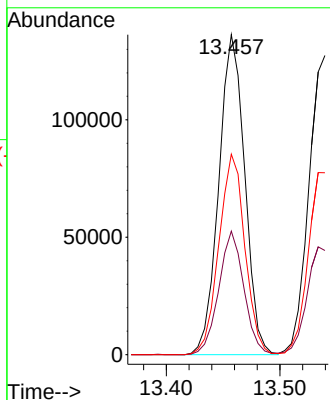
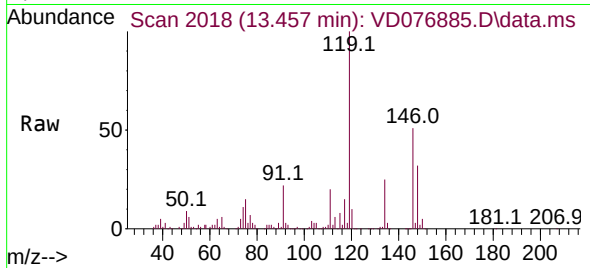
#87
1,3-Dichlorobenzene
Concen: 54.719 ug/l
RT: 13.457 min Scan# 2018
Delta R.T. 0.000 min
Lab File: VD076885.D
Acq: 31 Jul 2023 20:15

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion:146 Resp: 21615
Ion Ratio Lower Upper
146 100
111 37.4 17.9 53.8
148 62.9 32.3 96.8

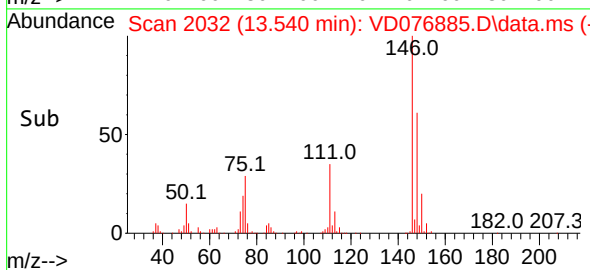
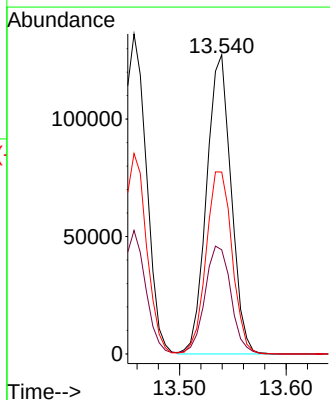
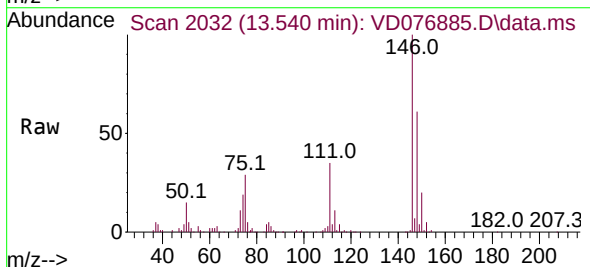
Manual Integrations
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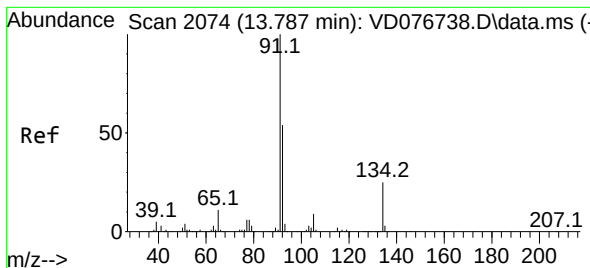
Reviewed By :John Carlone 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023



#88
1,4-Dichlorobenzene
Concen: 52.701 ug/l
RT: 13.540 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VD076885.D
Acq: 31 Jul 2023 20:15

Tgt Ion:146 Resp: 203968
Ion Ratio Lower Upper
146 100
111 38.3 17.4 52.3
148 64.6 31.7 95.1





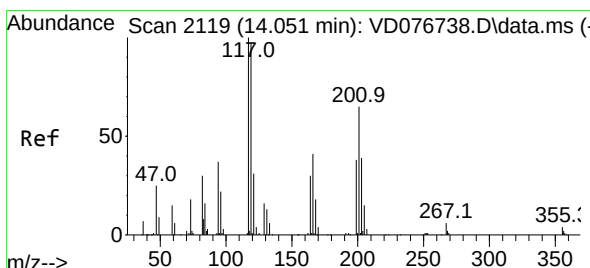
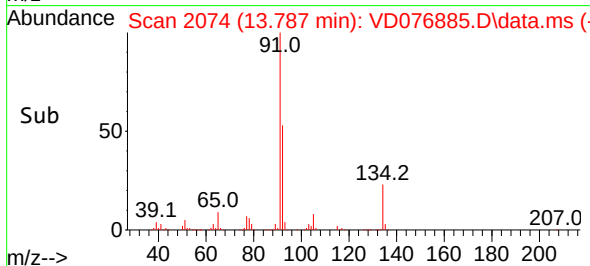
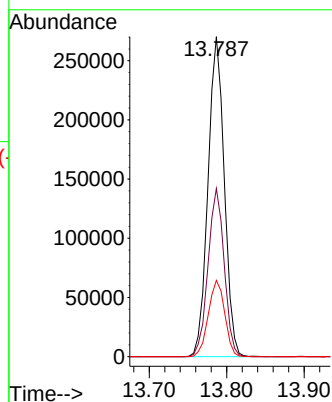
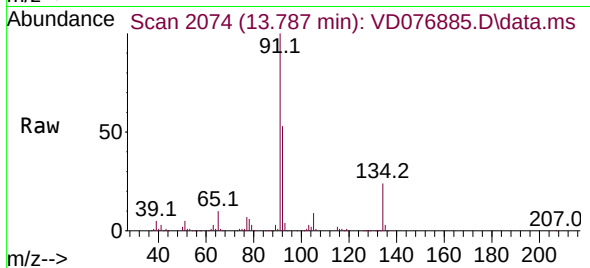
#89
n-Butylbenzene
Concen: 53.900 ug/l
RT: 13.787 min Scan# 2074
Delta R.T. -0.000 min
Lab File: VD076885.D
Acq: 31 Jul 2023 20:15

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 394239
Ion Ratio Lower Upper
91 100
92 52.1 26.5 79.5
134 24.1 13.8 41.3

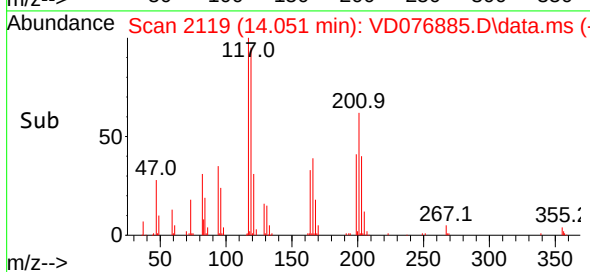
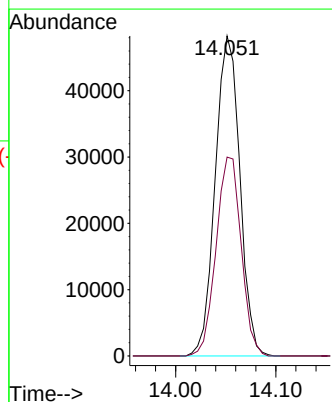
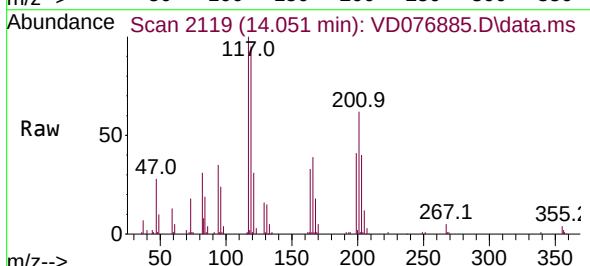
Manual Integrations
APPROVED

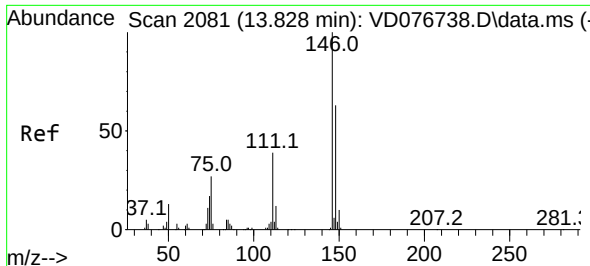
Reviewed By :John Carlone 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023



#90
Hexachloroethane
Concen: 59.514 ug/l
RT: 14.051 min Scan# 2119
Delta R.T. 0.000 min
Lab File: VD076885.D
Acq: 31 Jul 2023 20:15

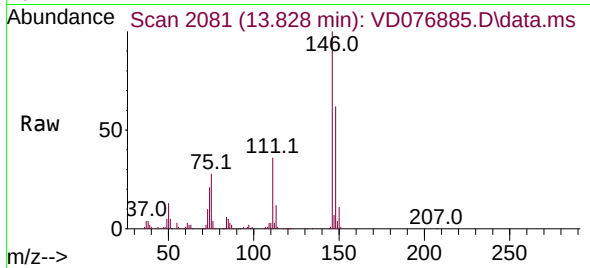
Tgt Ion:117 Resp: 82241
Ion Ratio Lower Upper
117 100
201 63.3 38.5 115.5





#91
1,2-Dichlorobenzene
Concen: 55.297 ug/l
RT: 13.828 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VD076885.D
Acq: 31 Jul 2023 20:15

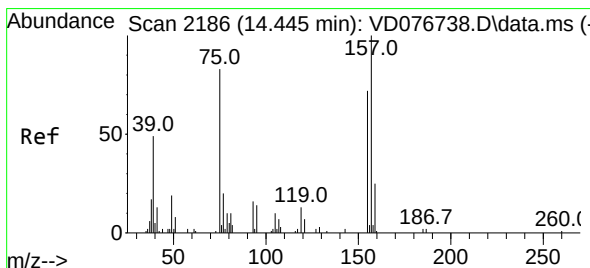
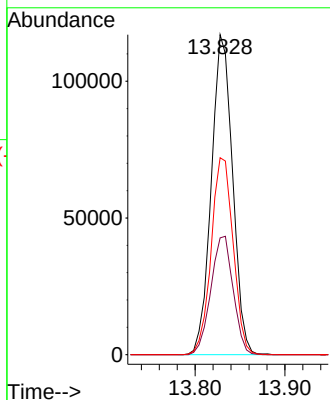
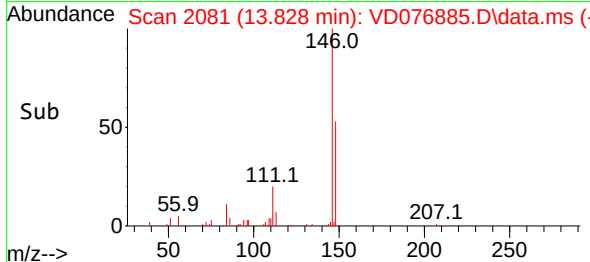
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



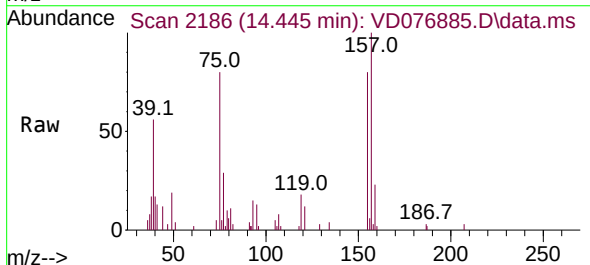
Tgt Ion:146 Resp: 192484
Ion Ratio Lower Upper
146 100
111 38.8 18.3 54.8
148 63.7 31.6 94.7

Manual Integrations
APPROVED

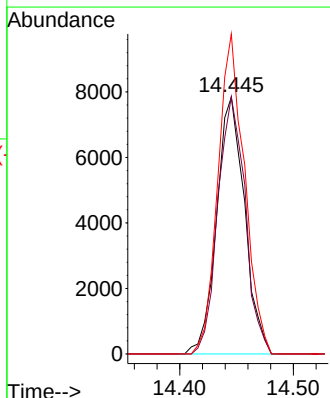
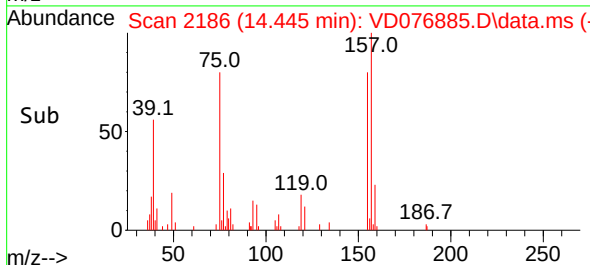
Reviewed By :John Carlone 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023

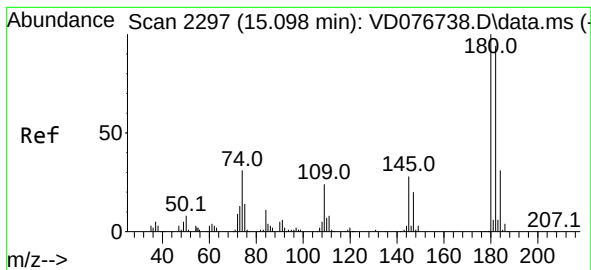


#92
1,2-Dibromo-3-Chloropropane
Concen: 52.457 ug/l
RT: 14.445 min Scan# 2186
Delta R.T. 0.000 min
Lab File: VD076885.D
Acq: 31 Jul 2023 20:15



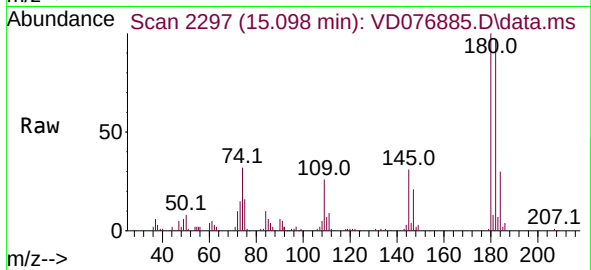
Tgt Ion: 75 Resp: 13362
Ion Ratio Lower Upper
75 100
155 97.9 47.9 143.8
157 118.7 59.9 179.7





#93
1,2,4-Trichlorobenzene
Concen: 53.309 ug/l
RT: 15.098 min Scan# 2297
Delta R.T. 0.000 min
Lab File: VD076885.D
Acq: 31 Jul 2023 20:15

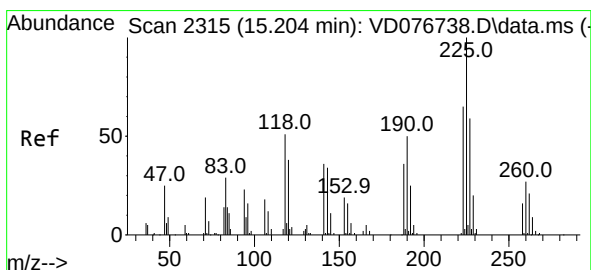
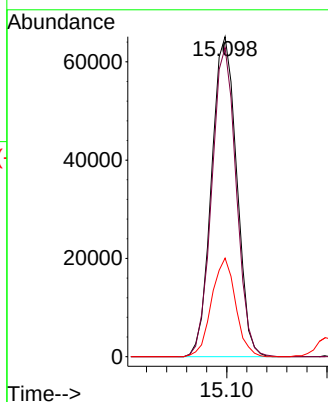
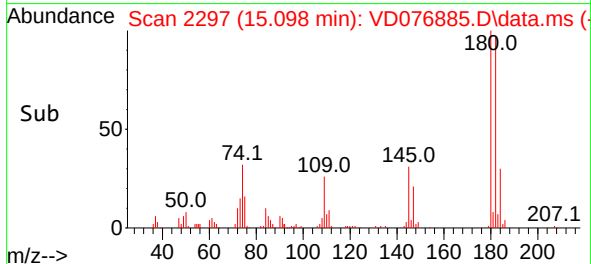
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



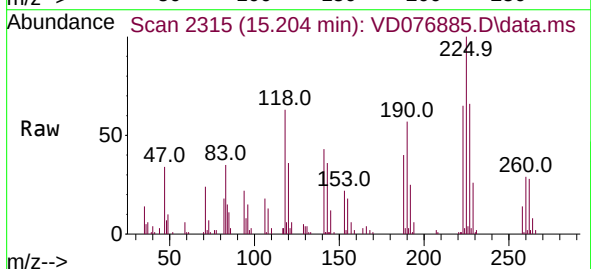
Tgt Ion:180 Resp: 113288
Ion Ratio Lower Upper
180 100
182 93.9 48.5 145.6
145 29.4 14.2 42.6

Manual Integrations
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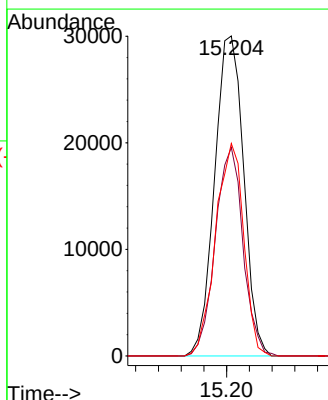
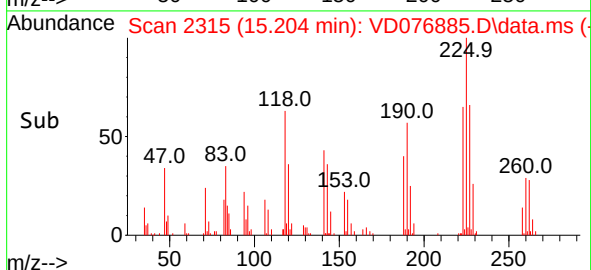
Reviewed By :John Carlone 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023

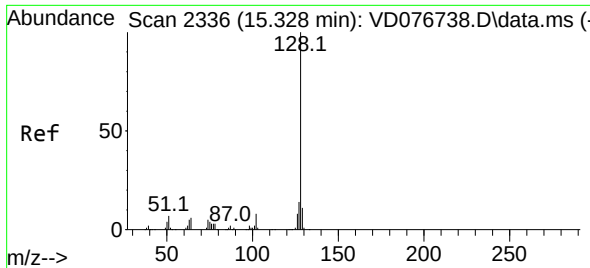


#94
Hexachlorobutadiene
Concen: 52.219 ug/l
RT: 15.204 min Scan# 2315
Delta R.T. 0.000 min
Lab File: VD076885.D
Acq: 31 Jul 2023 20:15



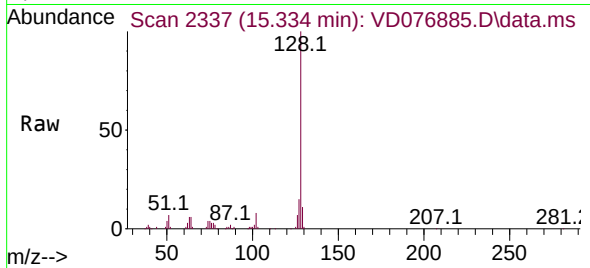
Tgt Ion:225 Resp: 53370
Ion Ratio Lower Upper
225 100
223 62.2 31.6 94.8
227 64.0 31.7 95.1





#95
Naphthalene
Concen: 54.656 ug/l
RT: 15.334 min Scan# 2337
Delta R.T. 0.006 min
Lab File: VD076885.D
Acq: 31 Jul 2023 20:15

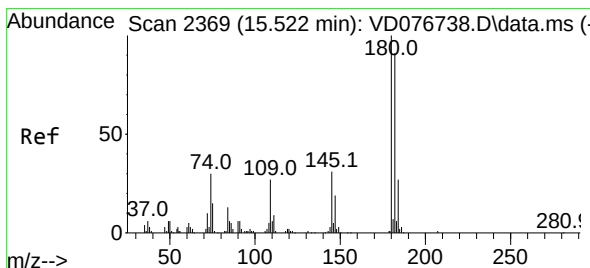
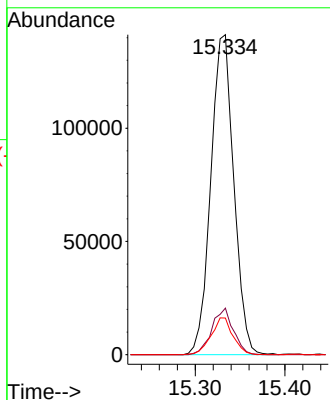
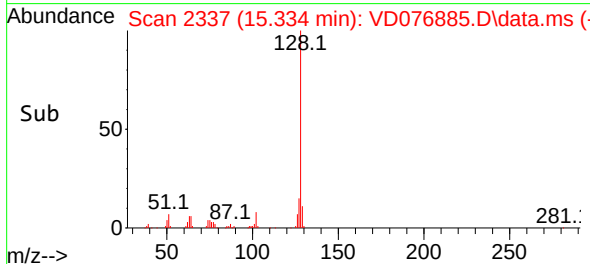
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion:128 Resp: 251492
Ion Ratio Lower Upper
128 100
127 14.5 10.5 15.7
129 11.4 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023



#96
1,2,3-Trichlorobenzene
Concen: 53.744 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. -0.000 min
Lab File: VD076885.D
Acq: 31 Jul 2023 20:15

Tgt Ion:180 Resp: 102491
Ion Ratio Lower Upper
180 100
182 95.9 47.3 141.9
145 32.1 15.1 45.3

