

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW030421\
 Data File : VW018242.D
 Acq On : 04 Mar 2021 11:13
 Operator : SY/VA
 Sample : VSTDIC005
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

Manual Integrations
 APPROVED

MMDadoda
 3/5/2021 10:12:12 AM

Quant Time: Mar 04 13:14:08 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W030421S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 04 13:12:51 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.952	168	293997	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.842	114	449246	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.628	117	402006	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.554	152	208091	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	13711	4.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	8.02%	
35) Dibromofluoromethane	7.885	113	14603	5.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	10.06%	
50) Toluene-d8	10.323	98	55991	4.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	9.98%	
62) 4-Bromofluorobenzene	12.615	95	20139	5.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	10.12%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.014	85	10224	4.48	ug/l	98
3) Chloromethane	2.215	50	9916	4.04	ug/l	97
4) Vinyl Chloride	2.367	62	14469	3.80	ug/l	98
5) Bromomethane	2.782	94	10842	2.90	ug/l	99
6) Chloroethane	2.928	64	8220	3.17	ug/l	99
7) Trichlorofluoromethane	3.263	101	9497	3.41	ug/l	99
8) Diethyl Ether	3.690	74	6961	4.85	ug/l	88
9) 1,1,2-Trichlorotrifluo...	4.062	101	14676	4.75	ug/l	89
10) Methyl Iodide	4.275	142	22051	5.08	ug/l	93
11) Tert butyl alcohol	5.190	59	2996	15.89	ug/l #	86
12) 1,1-Dichloroethene	4.044	96	14394	4.70	ug/l	80
13) Acrolein	3.897	56	4579	20.58	ug/l	97
14) Allyl chloride	4.672	41	17446	4.15	ug/l	89
15) Acrylonitrile	5.373	53	13162	20.38	ug/l	98
16) Acetone	4.135	43	10530	17.80	ug/l #	86
17) Carbon Disulfide	4.391	76	39231	4.42	ug/l	99
18) Methyl Acetate	4.684	43	5614	4.01	ug/l	96
19) Methyl tert-butyl Ether	5.428	73	16086	3.98	ug/l	97
20) Methylene Chloride	4.922	84	22004	5.86	ug/l #	90
21) trans-1,2-Dichloroethene	5.434	96	16324	4.51	ug/l	98
22) Diisopropyl ether	6.312	45	35394	4.14	ug/l	96
23) Vinyl Acetate	6.263	43	98479	18.35	ug/l	95
24) 1,1-Dichloroethane	6.214	63	25612	4.27	ug/l	98
25) 2-Butanone	7.171	43	14804	17.80	ug/l	90
26) 2,2-Dichloropropane	7.171	77	14821	4.29	ug/l	100
27) cis-1,2-Dichloroethene	7.171	96	17335	4.53	ug/l	93
28) Bromochloromethane	7.513	49	9759	3.96	ug/l #	69
29) Tetrahydrofuran	7.531	42	9896	18.63	ug/l	95
30) Chloroform	7.677	83	27746	4.30	ug/l	99
31) Cyclohexane	7.958	56	26858	4.68	ug/l #	74
32) 1,1,1-Trichloroethane	7.872	97	22675	4.27	ug/l	96
36) 1,1-Dichloropropene	8.086	75	22157	4.75	ug/l	97
37) Ethyl Acetate	7.263	43	7589	4.29	ug/l	97
38) Carbon Tetrachloride	8.074	117	21794	4.75	ug/l	94
39) Methylcyclohexane	9.336	83	27642	4.79	ug/l	97
40) Benzene	8.323	78	60876	4.79	ug/l	97

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Quant Time: Mar 04 13:14:08 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W030421S.M
 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.482	41	3563	3.53	ug/l	93
42) 1,2-Dichloroethane	8.403	62	17049	4.44	ug/l	94
43) Isopropyl Acetate	8.427	43	12924	4.03	ug/l	92
44) Trichloroethene	9.092	130	18825	5.33	ug/l	90
45) 1,2-Dichloropropane	9.372	63	14219	4.72	ug/l	95
46) Dibromomethane	9.457	93	7629	4.34	ug/l #	79
47) Bromodichloromethane	9.640	83	19879	4.65	ug/l	94
48) Methyl methacrylate	9.439	41	6310	3.93	ug/l #	86
49) 1,4-Dioxane	9.451	88	1893	89.61	ug/l	92
51) 4-Methyl-2-Pentanone	10.207	43	32576	19.85	ug/l	90
52) Toluene	10.390	92	39932	4.81	ug/l	99
53) t-1,3-Dichloropropene	10.604	75	17629	4.50	ug/l	98
54) cis-1,3-Dichloropropene	10.073	75	21752	4.61	ug/l	91
55) 1,1,2-Trichloroethane	10.786	97	11497	4.88	ug/l	96
56) Ethyl methacrylate	10.646	69	11512	4.24	ug/l #	90
57) 1,3-Dichloropropane	10.933	76	18917	4.66	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.927	63	31548	23.57	ug/l	93
59) 2-Hexanone	10.969	43	21632	19.73	ug/l	94
60) Dibromochloromethane	11.128	129	13741	5.02	ug/l	99
61) 1,2-Dibromoethane	11.238	107	10971	4.72	ug/l	98
64) Tetrachloroethene	10.860	164	15775	5.59	ug/l	89
65) Chlorobenzene	11.658	112	45080	5.08	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.725	131	14988	5.03	ug/l	98
67) Ethyl Benzene	11.731	91	76063	4.70	ug/l	98
68) m/p-Xylenes	11.841	106	60108	9.85	ug/l	99
69) o-Xylene	12.164	106	27064	4.79	ug/l	99
70) Styrene	12.176	104	44868	4.74	ug/l	98
71) Bromoform	12.353	173	7407	5.02	ug/l #	97
73) Isopropylbenzene	12.463	105	74666	4.61	ug/l	100
74) N-amyl acetate	12.274	43	11277	3.99	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.713	83	12554	4.56	ug/l	97
76) 1,2,3-Trichloropropane	12.768	75	9590m	5.11	ug/l	
77) Bromobenzene	12.743	156	17916	4.97	ug/l	93
78) n-propylbenzene	12.804	91	88789	4.55	ug/l	99
79) 2-Chlorotoluene	12.890	91	51537	4.80	ug/l	98
80) 1,3,5-Trimethylbenzene	12.945	105	64200	4.74	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.512	75	3246	4.45	ug/l	97
82) 4-Chlorotoluene	12.987	91	55057	4.82	ug/l	99
83) tert-Butylbenzene	13.207	119	57447	4.90	ug/l	96
84) 1,2,4-Trimethylbenzene	13.249	105	65842	4.79	ug/l	99
85) sec-Butylbenzene	13.384	105	77583	4.68	ug/l	97
86) p-Isopropyltoluene	13.493	119	72417	4.78	ug/l	98
87) 1,3-Dichlorobenzene	13.499	146	38189	5.33	ug/l	96
88) 1,4-Dichlorobenzene	13.579	146	37049	5.20	ug/l	96
89) n-Butylbenzene	13.823	91	65534	4.45	ug/l	99
90) Hexachloroethane	14.091	117	11789	4.56	ug/l	70
91) 1,2-Dichlorobenzene	13.871	146	32083	5.13	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.481	75	1815	3.94	ug/l	82
93) 1,2,4-Trichlorobenzene	15.127	180	23376	5.56	ug/l	98
94) Hexachlorobutadiene	15.231	225	15429	6.44	ug/l	94
95) Naphthalene	15.365	128	37128	4.65	ug/l	99
96) 1,2,3-Trichlorobenzene	15.554	180	20378	5.60	ug/l	98

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Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Manual Integrations
APPROVED

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3/5/2021 10:12:12 AM

Quant Time: Mar 04 13:14:08 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W030421S.M
Quant Title : SW846 8260
QLast Update : Thu Mar 04 13:12:51 2021
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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3/5/2021 10:12:12 AM

Abundance

TIC: VW018242.D\data.ms

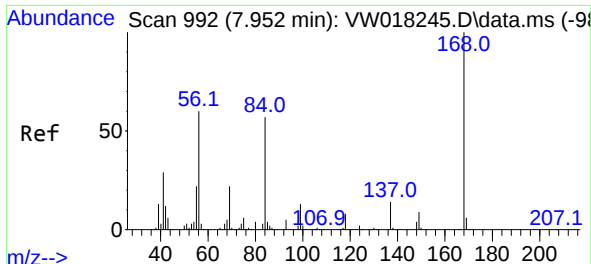
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850000
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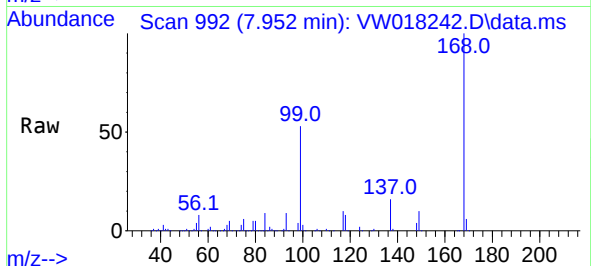
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Chloromethane, P
Vinyl Chloride, C
Bromomethane, T
Chloroethane, I
Trichlorofluoromethane, T
Diethyl Ether, T
Acrolein, T
Acetone, T
Chloromethane, C
Methyl iodide, T
Carbon Disulfide, T
Methyl acetate, T
Methylene Chloride, T
Tert butyl alcohol, T
Acrylonitrile, T
Carbon tetrachloride, T
1,1-Dichloroethane, P
Diisobutylene, T
Ethyl Acetate, I
2,2-Dichloropropane, T
Methoxybenzene, T
Chloroform, C
1,2-Dichloroethane, T
1,1,2,2-Tetrachloroethane, S
1,2-Dibromopropane, T
Isopropyl alcohol, T
1,4-Difluorobenzene, I
Cyclohexane, T
Pentafluorobenzene, I
1,4-Difluorobenzene, I
Trichloroethene, TM
1,2-Dichlorobenzene, T
Methoxybenzene, T
Bromodichloromethane, T
2-Chloroethyl Vinyl ether, T
cis-1,3-Dichloropropene, I
trans-1,3-Dichloropropene, T
4-Methyl-1-pentene, TM
Ethyl 2-Dichloroacetate, T
1,1,2-Trichloroethane, T
1,2-Dichloropropane, T
Dibromochloromethane, T
1,2-Dibromomethane, I
Chlorobenzene, T
1,4-Dichlorobenzene, T
m,p-Xylene, S
o-Xylene, T
Bromobenzene, T
trans-1,4-Dichloro-2-methylbenzene, S
1,2,3-Trichlorobenzene, T
1,2,4-Trichlorobenzene, T
4-Chlorobenzonitrile, T
sec-Butylbenzene, T
tert-Butylbenzene, T
Trimethylbenzene, T
1,4-Dichlorobenzene, I
1,2-Dichlorobenzene, T
Hexachloroethane, T
1,2-Dichloro-3-Chloropropane, T
1,2,3-Trichlorobenzene, T
1,2,4-Trichlorobenzene, T
Naphthalene, T
1,2,3-Trichlorobenzene, T

Chlorobenzene-d5, I
1,4-Dichlorobenzene-d4, I



#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.952 min Scan# 992
Delta R.T. -0.000 min
Lab File: VW018242.D
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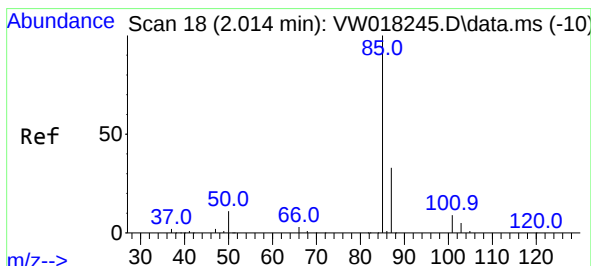
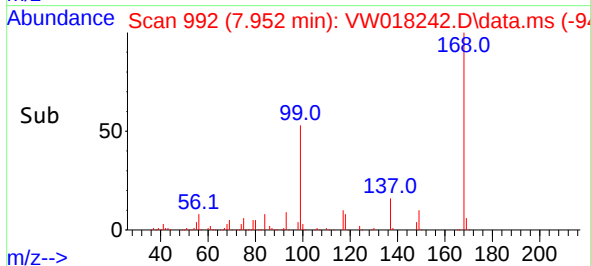
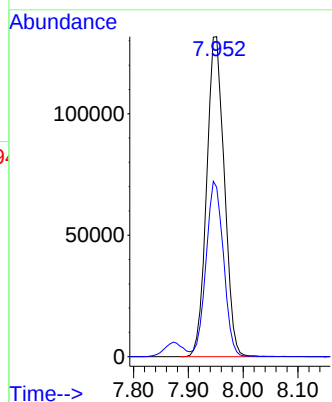
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005



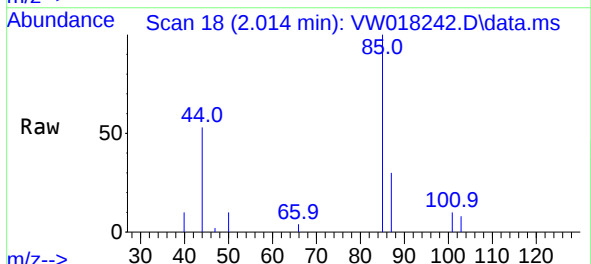
Tgt Ion:168 Resp: 293997
Ion Ratio Lower Upper
168 100
99 52.9 48.1 72.1

Manual Integrations
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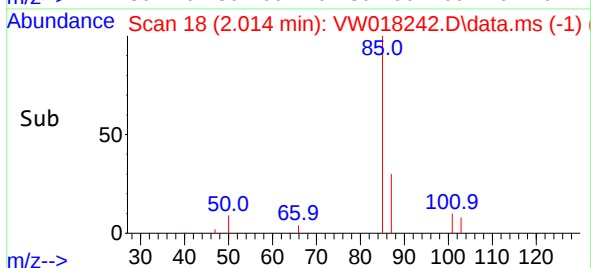
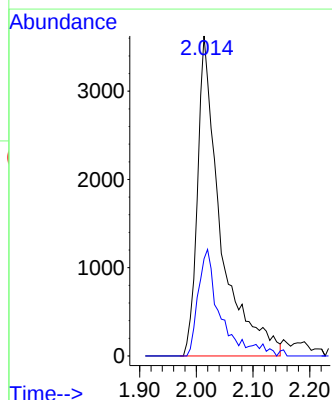
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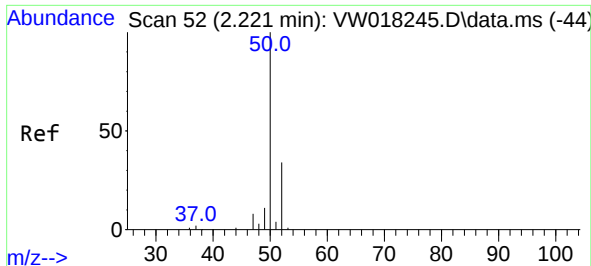


#2
Dichlorodifluoromethane
Concen: 4.48 ug/l
RT: 2.014 min Scan# 18
Delta R.T. 0.000 min
Lab File: VW018242.D
Acq: 04 Mar 2021 11:13



Tgt Ion: 85 Resp: 10224
Ion Ratio Lower Upper
85 100
87 30.4 15.7 47.1





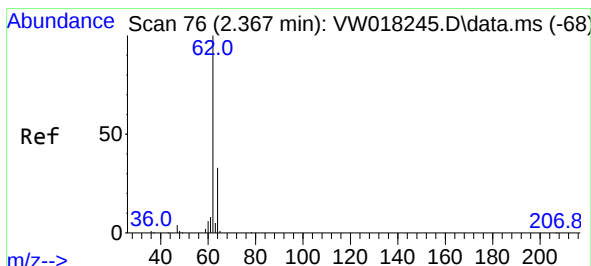
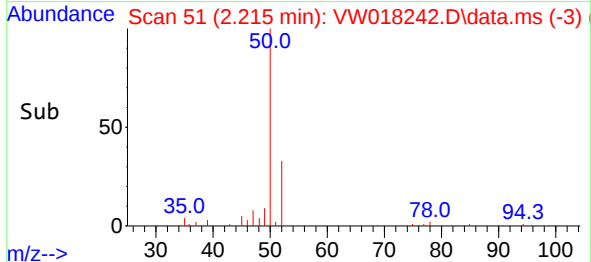
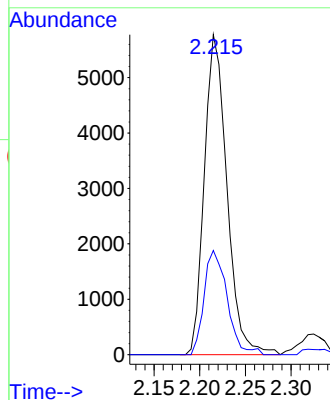
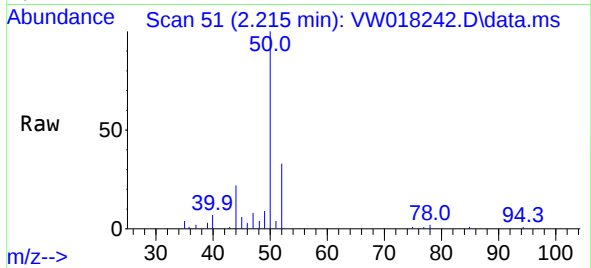
#3
Chloromethane
Concen: 4.04 ug/l
RT: 2.215 min Scan# 51
Delta R.T. -0.006 min
Lab File: VW018242.D
Acq: 04 Mar 2021 11:13

Tgt Ion: 50 Resp: 9916
Ion Ratio Lower Upper
50 100
52 32.6 27.4 41.2

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

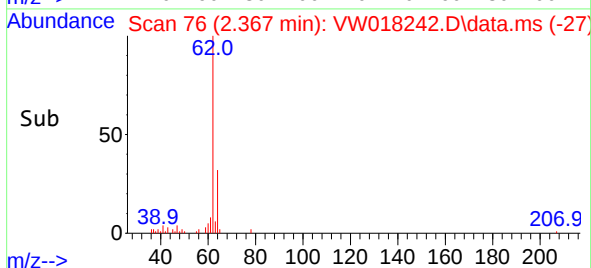
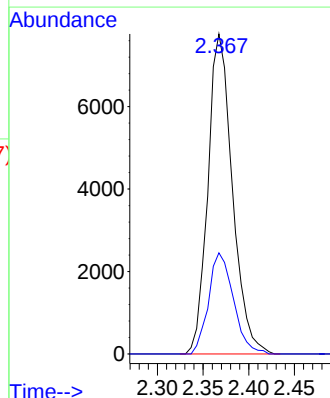
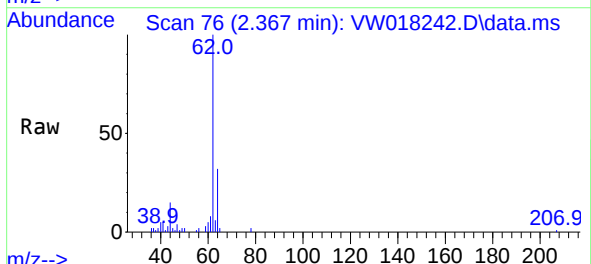
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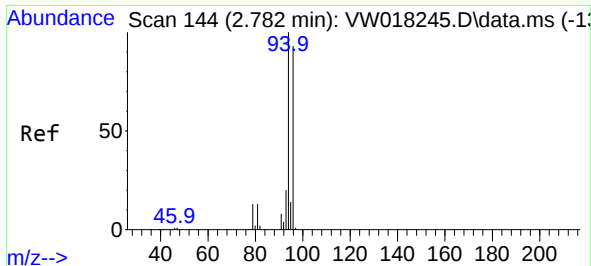
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#4
Vinyl Chloride
Concen: 3.80 ug/l
RT: 2.367 min Scan# 76
Delta R.T. 0.000 min
Lab File: VW018242.D
Acq: 04 Mar 2021 11:13

Tgt Ion: 62 Resp: 14469
Ion Ratio Lower Upper
62 100
64 31.6 26.3 39.5





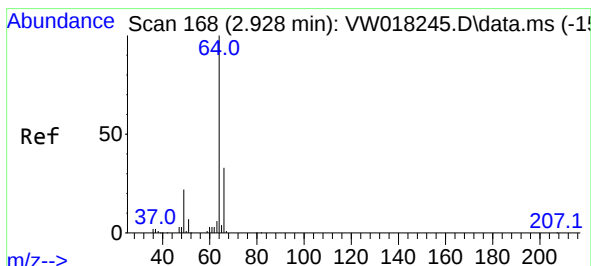
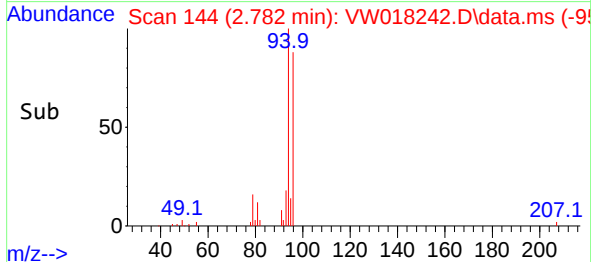
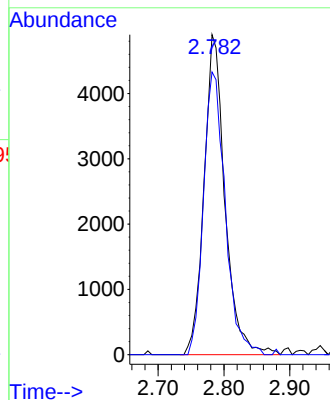
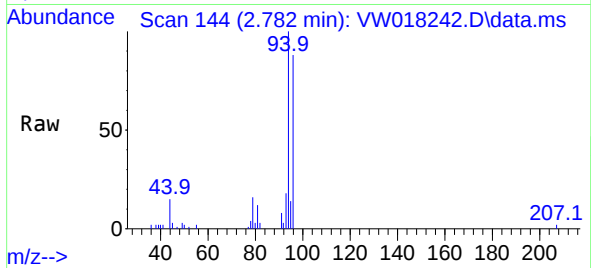
#5
Bromomethane
Concen: 2.90 ug/l
RT: 2.782 min Scan# 144
Delta R.T. 0.000 min
Lab File: VW018242.D
Acq: 04 Mar 2021 11:13

Tgt Ion: 94 Resp: 10842
Ion Ratio Lower Upper
94 100
96 88.3 70.0 105.0

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

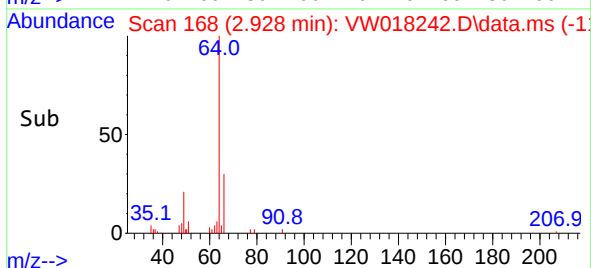
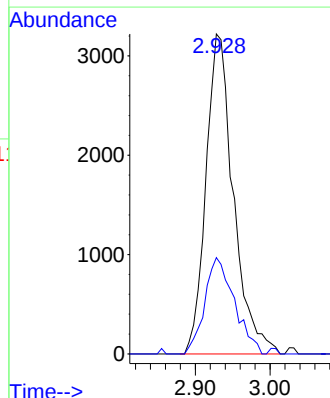
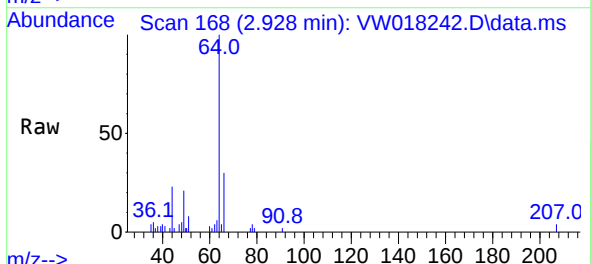
Manual Integrations
APPROVED

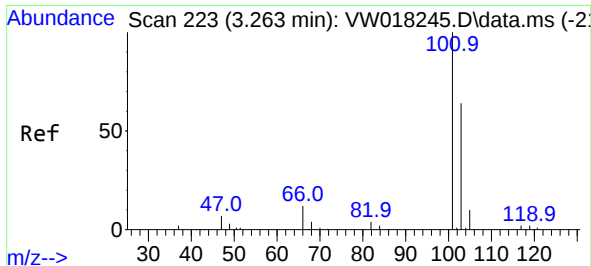
MMDadoda
3/5/2021 10:12:12 AM



#6
Chloroethane
Concen: 3.17 ug/l
RT: 2.928 min Scan# 168
Delta R.T. 0.000 min
Lab File: VW018242.D
Acq: 04 Mar 2021 11:13

Tgt Ion: 64 Resp: 8220
Ion Ratio Lower Upper
64 100
66 30.1 24.3 36.5





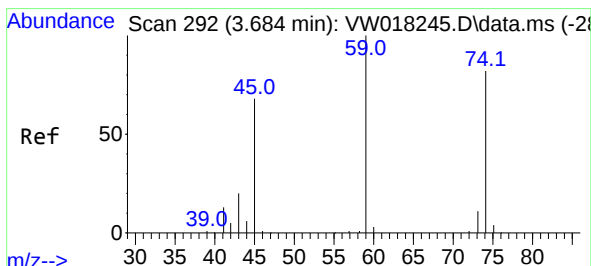
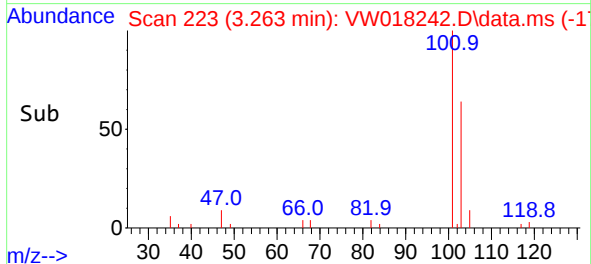
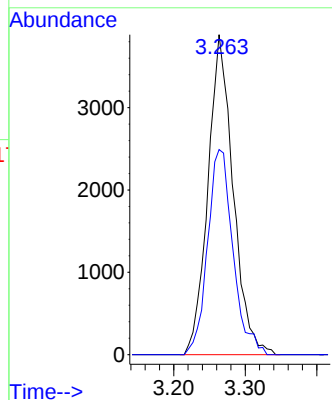
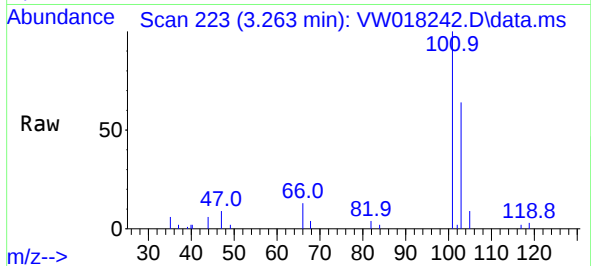
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Trichlorofluoromethane
Concen: 3.41 ug/l
RT: 3.263 min Scan# 223
Delta R.T. 0.000 min
Lab File: VW018242.D
Acq: 04 Mar 2021 11:13

Tgt Ion: 101 Resp: 9497
Ion Ratio Lower Upper
101 100
103 64.1 51.8 77.6

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

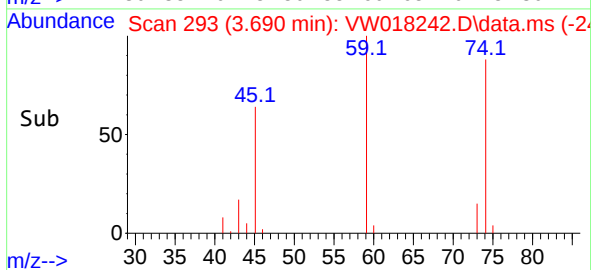
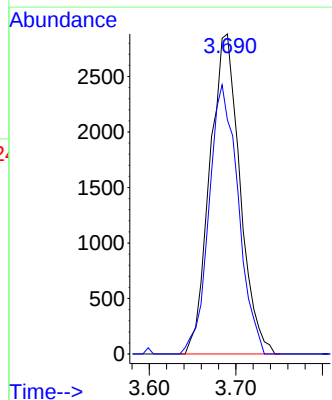
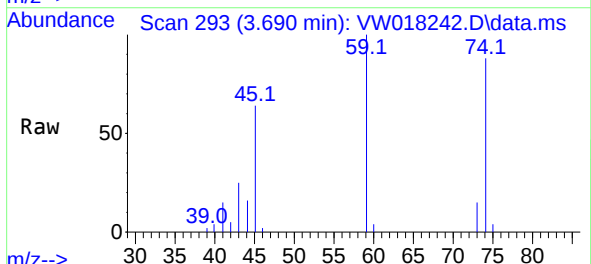
Manual Integrations
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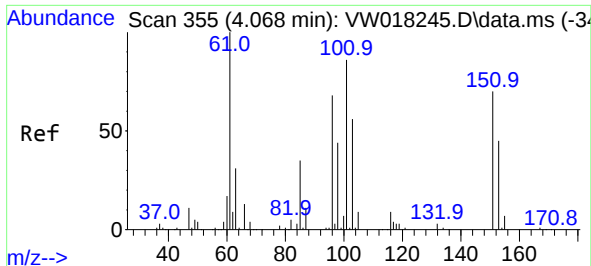
MMDadoda
3/5/2021 10:12:12 AM



#8
Diethyl Ether
Concen: 4.85 ug/l
RT: 3.690 min Scan# 293
Delta R.T. 0.006 min
Lab File: VW018242.D
Acq: 04 Mar 2021 11:13

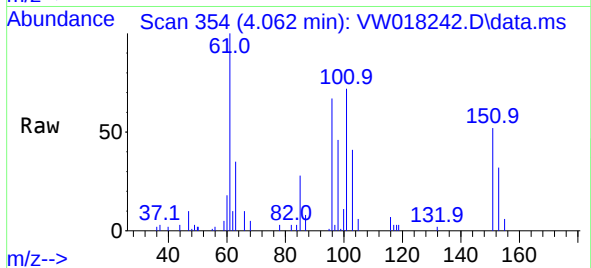
Tgt Ion: 74 Resp: 6961
Ion Ratio Lower Upper
74 100
45 81.6 46.5 139.5





#9
1,1,2-Trichlorotrifluoroethane
Concen: 4.75 ug/l
RT: 4.062 min Scan# 354
Delta R.T. -0.006 min
Lab File: VW018242.D
Acq: 04 Mar 2021 11:13

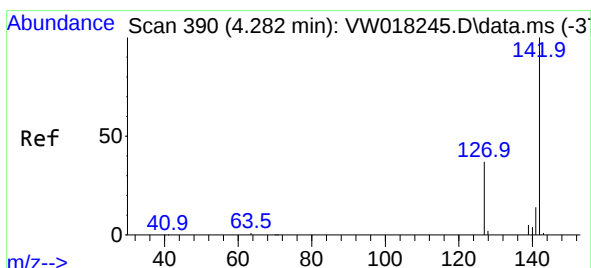
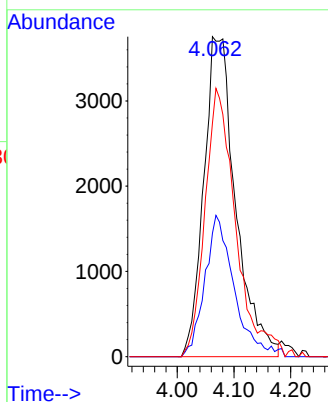
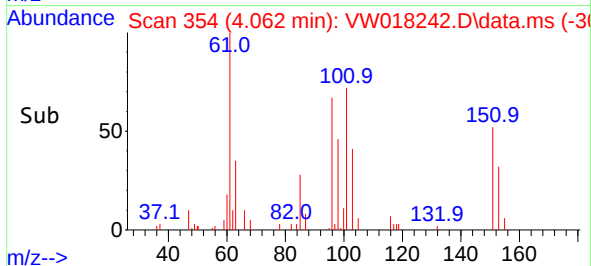
Instrument :
MSVOA_W
ClientSampled :
VSTDIC005



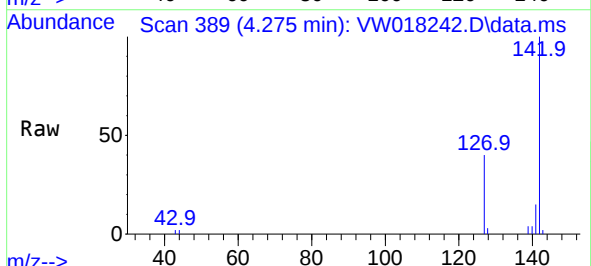
Tgt Ion:101 Resp: 14676
Ion Ratio Lower Upper
101 100
85 39.8 37.9 56.9
151 80.6 57.0 85.4

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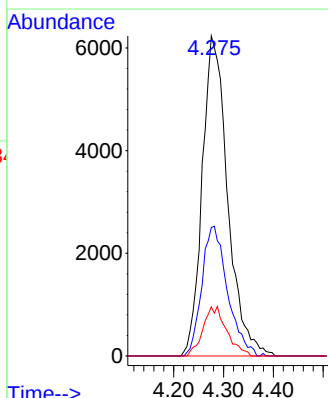
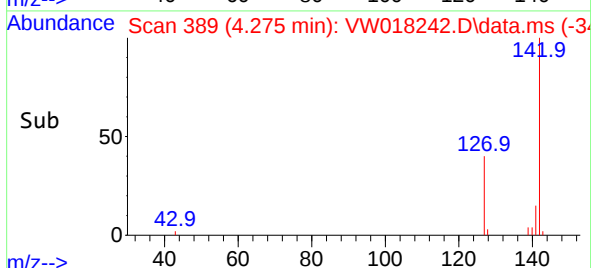
MMDadoda
3/5/2021 10:12:12 AM

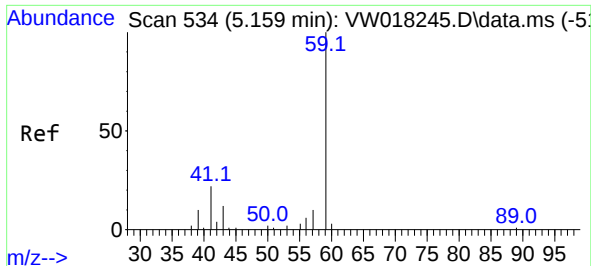


#10
Methyl Iodide
Concen: 5.08 ug/l
RT: 4.275 min Scan# 389
Delta R.T. -0.006 min
Lab File: VW018242.D
Acq: 04 Mar 2021 11:13



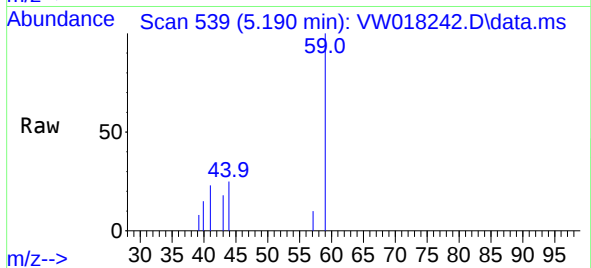
Tgt Ion:142 Resp: 22051
Ion Ratio Lower Upper
142 100
127 40.9 37.7 56.5
141 14.4 11.7 17.5





#11
Tert butyl alcohol
Concen: 15.89 ug/l
RT: 5.190 min Scan# 539
Delta R.T. 0.030 min
Lab File: VW018242.D
Acq: 04 Mar 2021 11:13

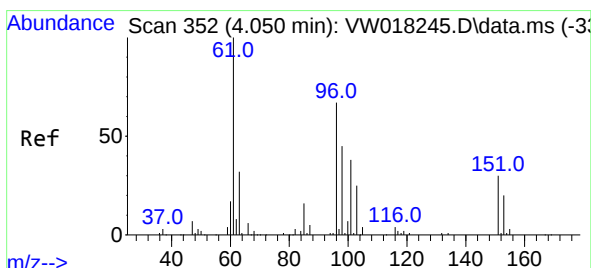
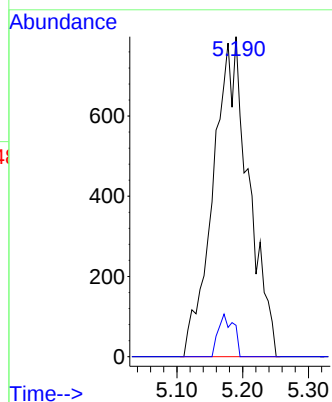
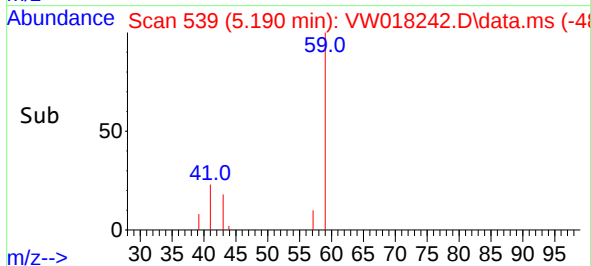
Instrument :
MSVOA_W
ClientSampled :
VSTDIC005



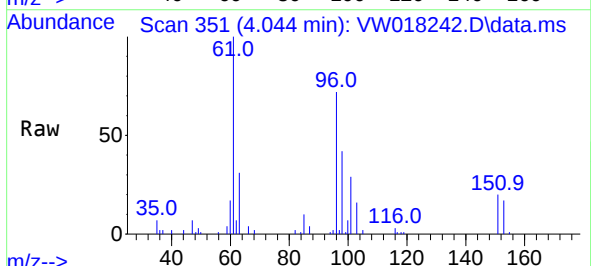
Tgt Ion: 59 Resp: 2996
Ion Ratio Lower Upper
59 100
57 5.7 8.7 13.1#

Manual Integrations
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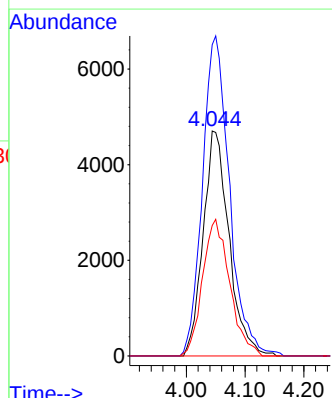
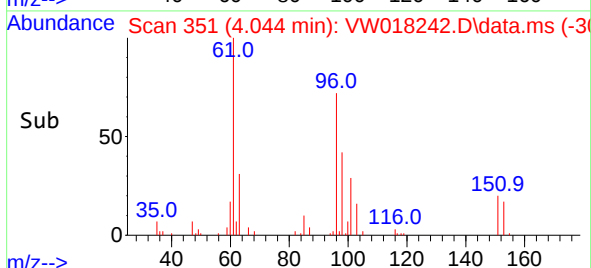
MMDadoda
3/5/2021 10:12:12 AM

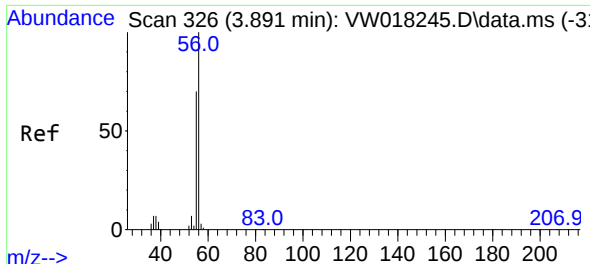


#12
1,1-Dichloroethene
Concen: 4.70 ug/l
RT: 4.044 min Scan# 351
Delta R.T. -0.006 min
Lab File: VW018242.D
Acq: 04 Mar 2021 11:13

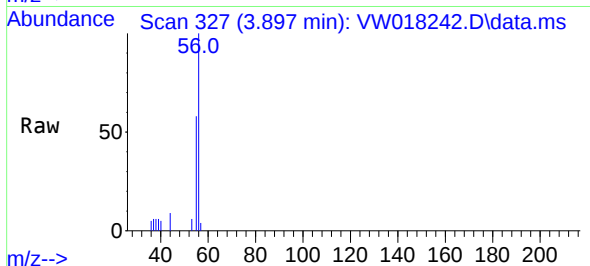


Tgt Ion: 96 Resp: 14394
Ion Ratio Lower Upper
96 100
61 138.3 137.0 205.6
98 57.9 51.7 77.5

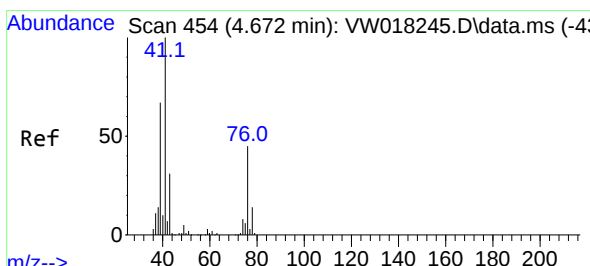
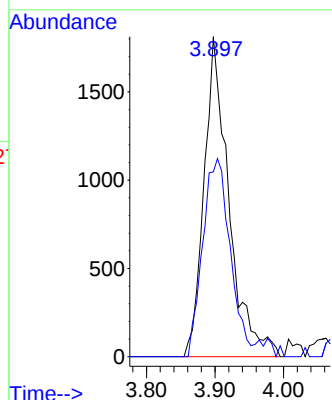
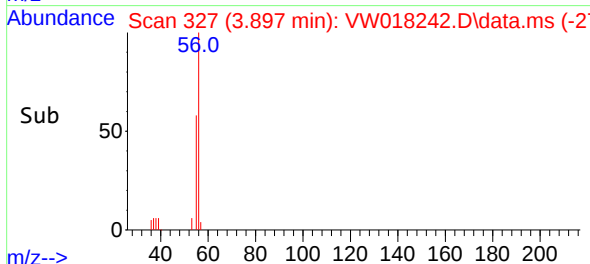




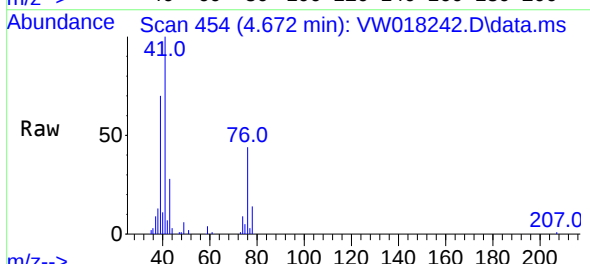
#13
Acrolein
Concen: 20.58 ug/l
RT: 3.897 min Scan# 327
Delta R.T. 0.006 min
Lab File: VW018242.D
Acq: 04 Mar 2021 11:13



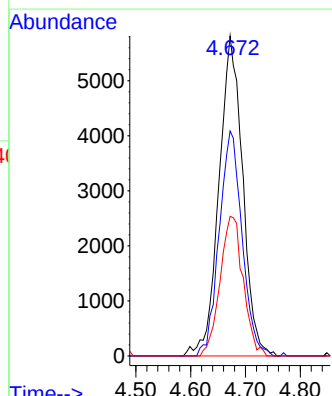
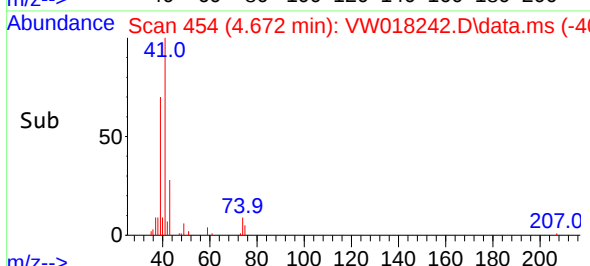
Tgt Ion: 56 Resp: 4579
Ion Ratio Lower Upper
56 100
55 68.4 56.5 84.7



#14
Allyl chloride
Concen: 4.15 ug/l
RT: 4.672 min Scan# 454
Delta R.T. 0.000 min
Lab File: VW018242.D
Acq: 04 Mar 2021 11:13



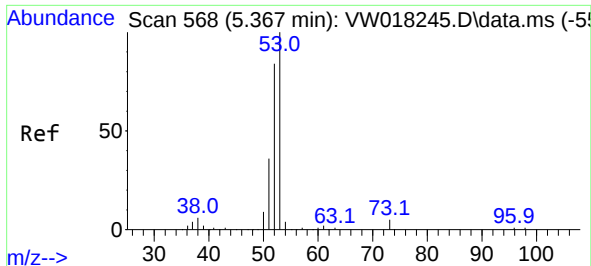
Tgt Ion: 41 Resp: 17446
Ion Ratio Lower Upper
41 100
39 68.0 64.8 97.2
76 42.5 32.7 49.1



Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

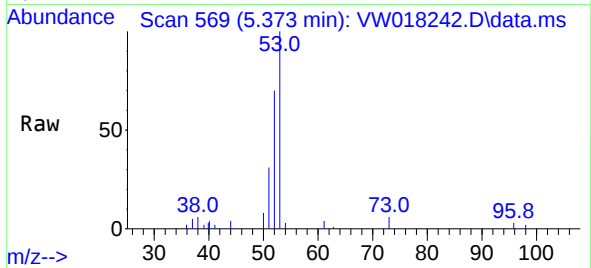
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#15
Acrylonitrile
Concen: 20.38 ug/l
RT: 5.373 min Scan# 569
Delta R.T. 0.006 min
Lab File: VW018242.D
Acq: 04 Mar 2021 11:13

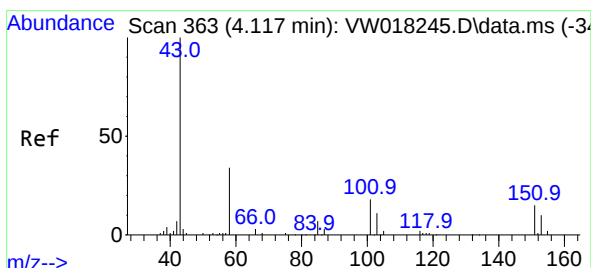
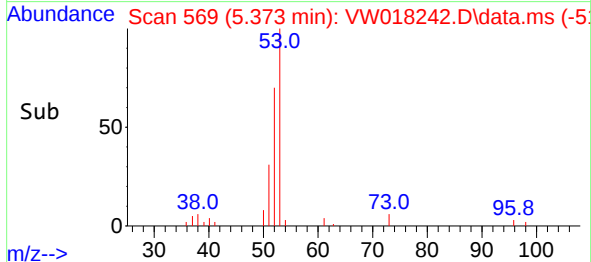
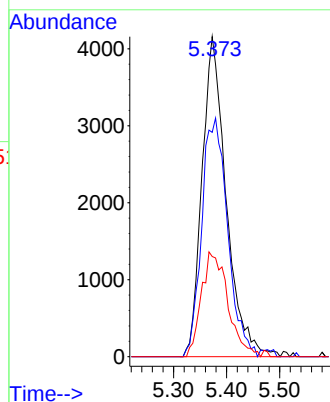
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005



Tgt Ion:	53	Resp:	13162
Ion	Ratio	Lower	Upper
53	100		
52	79.8	65.4	98.0
51	35.9	29.5	44.3

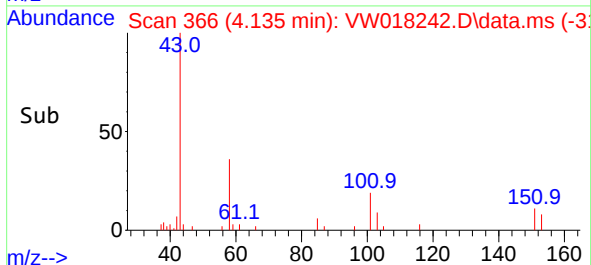
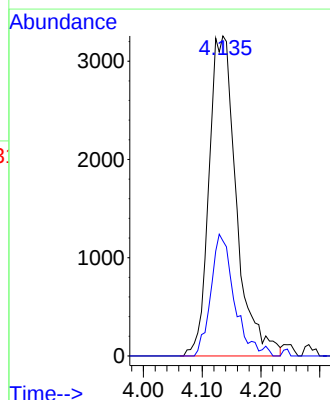
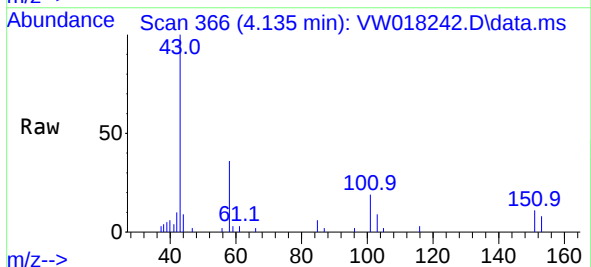
Manual Integrations
APPROVED

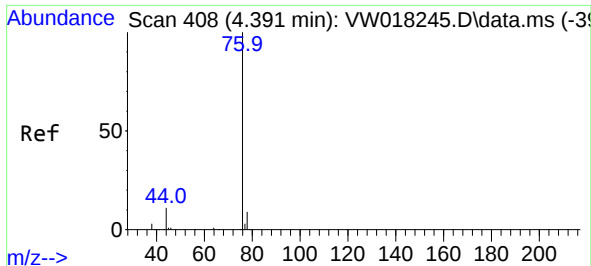
MMDadoda
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#16
Acetone
Concen: 17.80 ug/l
RT: 4.135 min Scan# 366
Delta R.T. 0.018 min
Lab File: VW018242.D
Acq: 04 Mar 2021 11:13

Tgt Ion:	43	Resp:	10530
Ion	Ratio	Lower	Upper
43	100		
58	36.0	22.9	34.3#





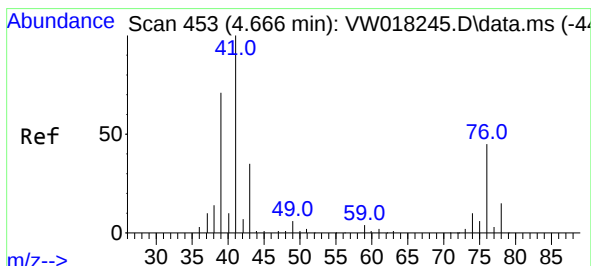
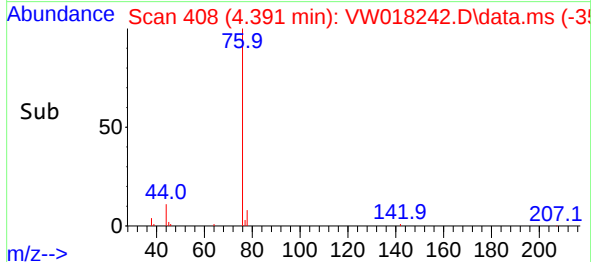
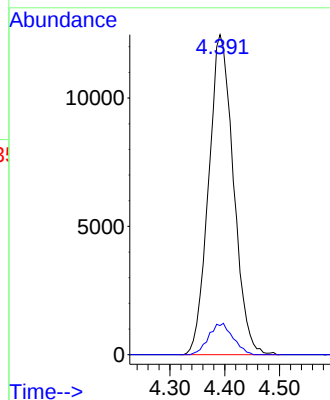
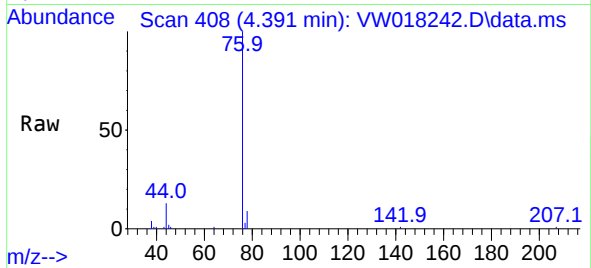
#17
Carbon Disulfide
Concen: 4.42 ug/l
RT: 4.391 min Scan# 408
Delta R.T. 0.000 min
Lab File: VW018242.D
Acq: 04 Mar 2021 11:13

Tgt Ion: 76 Resp: 39231
Ion Ratio Lower Upper
76 100
78 9.1 7.5 11.3

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

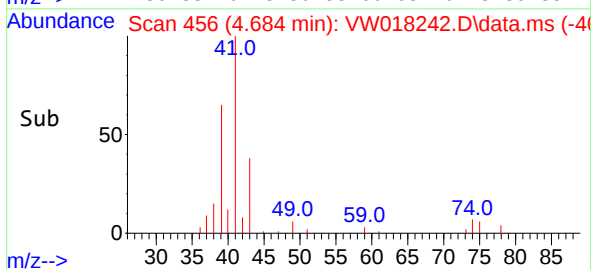
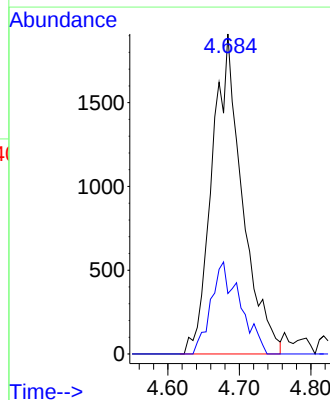
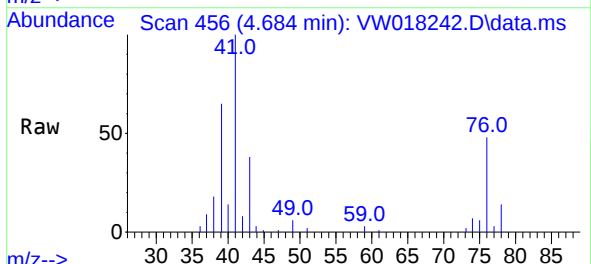
Manual Integrations
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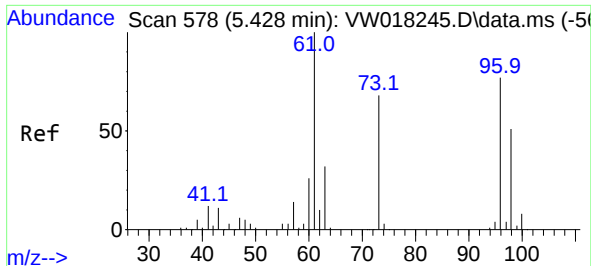
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#18
Methyl Acetate
Concen: 4.01 ug/l
RT: 4.684 min Scan# 456
Delta R.T. 0.018 min
Lab File: VW018242.D
Acq: 04 Mar 2021 11:13

Tgt Ion: 43 Resp: 5614
Ion Ratio Lower Upper
43 100
74 27.6 20.4 30.6





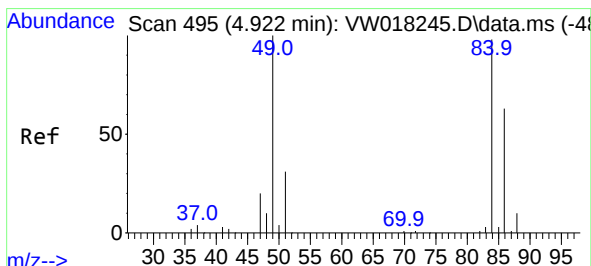
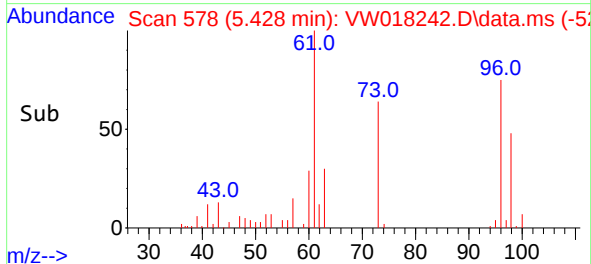
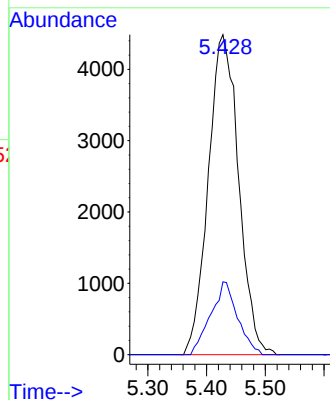
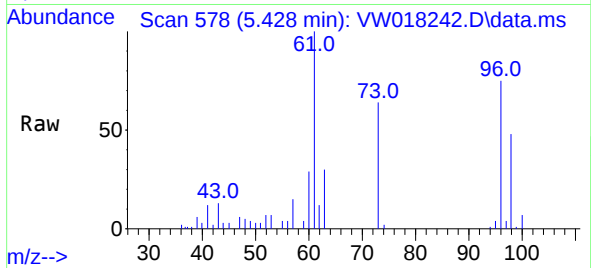
#19
Methyl tert-butyl Ether
Concen: 3.98 ug/l
RT: 5.428 min Scan# 578
Delta R.T. 0.000 min
Lab File: VW018242.D
Acq: 04 Mar 2021 11:13

Tgt Ion: 73 Resp: 16086
Ion Ratio Lower Upper
73 100
57 22.8 17.2 25.8

Instrument :
MSVOA_W
ClientSampled :
VSTDIC005

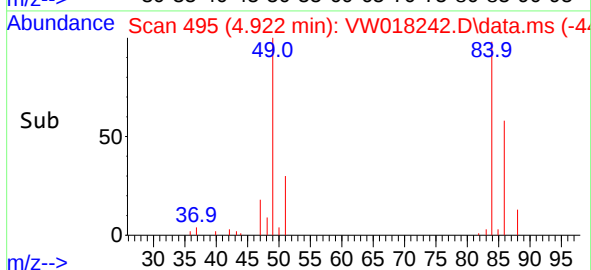
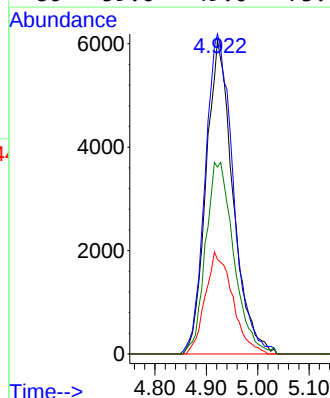
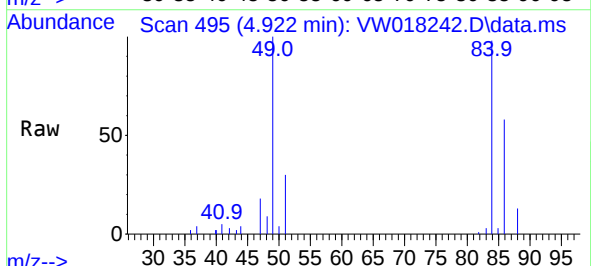
Manual Integrations
APPROVED

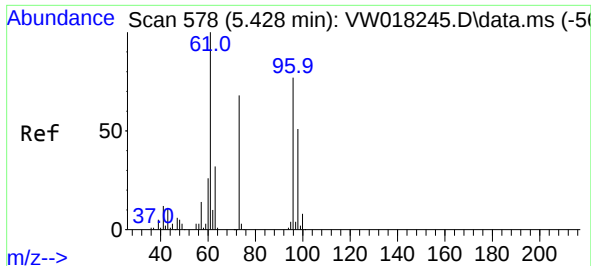
MMDadoda
3/5/2021 10:12:12 AM



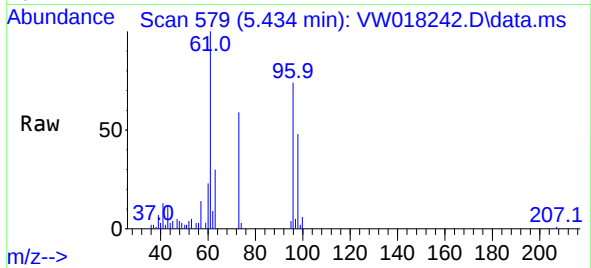
#20
Methylene Chloride
Concen: 5.86 ug/l
RT: 4.922 min Scan# 495
Delta R.T. 0.000 min
Lab File: VW018242.D
Acq: 04 Mar 2021 11:13

Tgt Ion: 84 Resp: 22004
Ion Ratio Lower Upper
84 100
49 102.0 92.6 138.8
51 30.1 30.6 45.8#
86 59.6 49.0 73.4



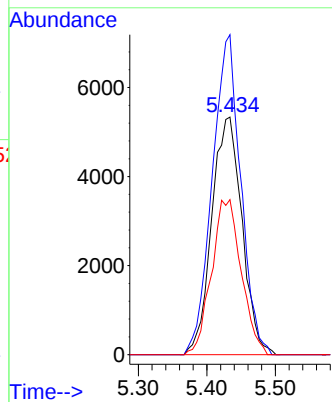


#21
trans-1,2-Dichloroethene
Concen: 4.51 ug/l
RT: 5.434 min Scan# 579
Delta R.T. 0.006 min
Lab File: VW018242.D
Acq: 04 Mar 2021 11:13



Tgt Ion: 96 Resp: 16324

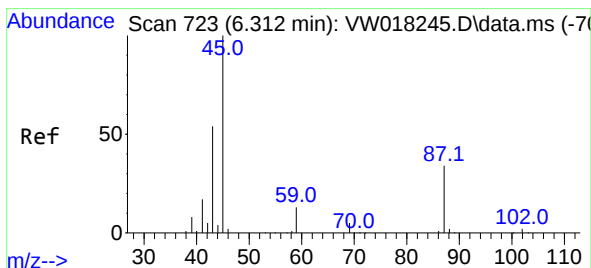
Ion	Ratio	Lower	Upper
96	100		
61	134.7	107.3	160.9
98	65.2	49.6	74.4



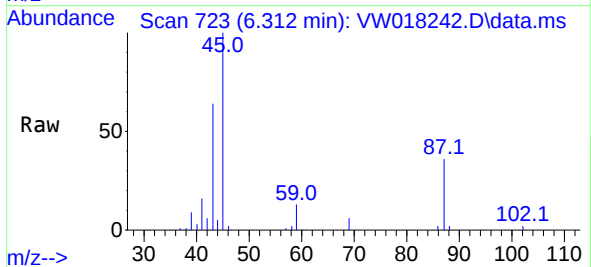
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

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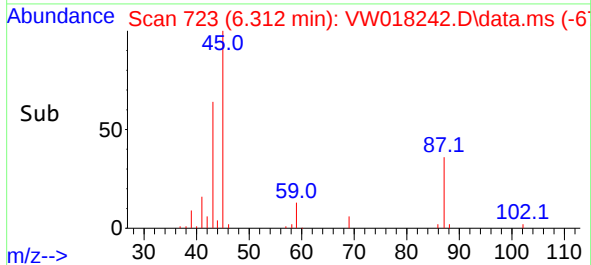
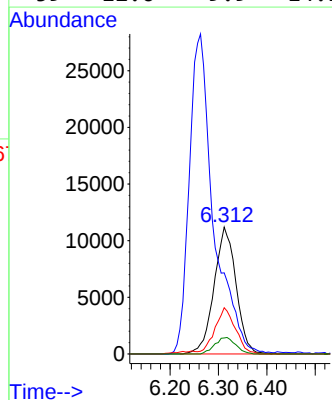


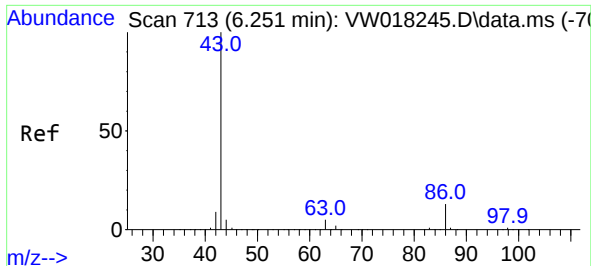
#22
Diisopropyl ether
Concen: 4.14 ug/l
RT: 6.312 min Scan# 723
Delta R.T. 0.000 min
Lab File: VW018242.D
Acq: 04 Mar 2021 11:13



Tgt Ion: 45 Resp: 35394

Ion	Ratio	Lower	Upper
45	100		
43	62.5	48.4	72.6
87	36.4	25.2	37.8
59	12.6	9.9	14.9





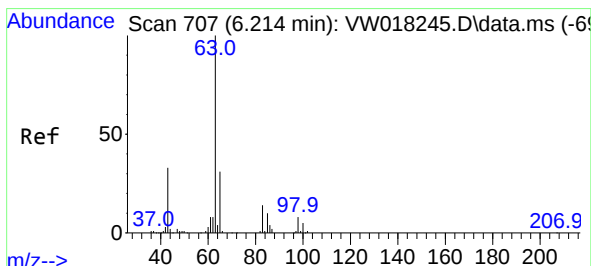
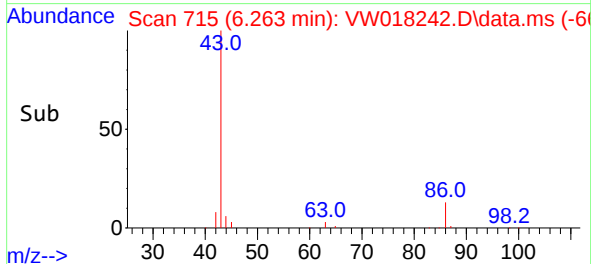
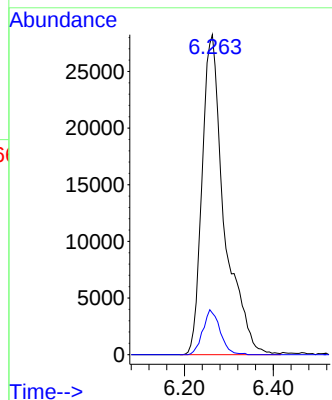
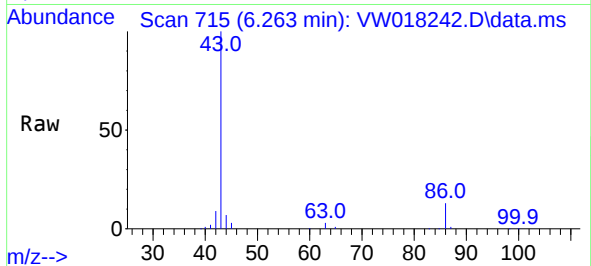
#23
Vinyl Acetate
Concen: 18.35 ug/l
RT: 6.263 min Scan# 715
Delta R.T. 0.012 min
Lab File: VW018242.D
Acq: 04 Mar 2021 11:13

Tgt Ion: 43 Resp: 98479
Ion Ratio Lower Upper
43 100
86 13.0 8.9 13.3

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

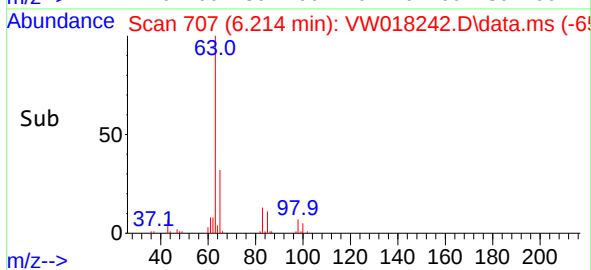
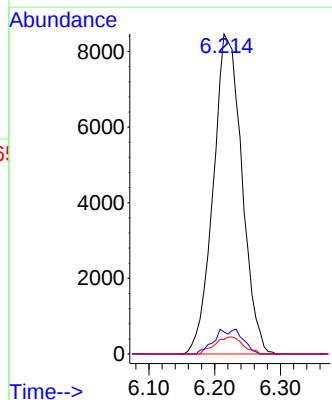
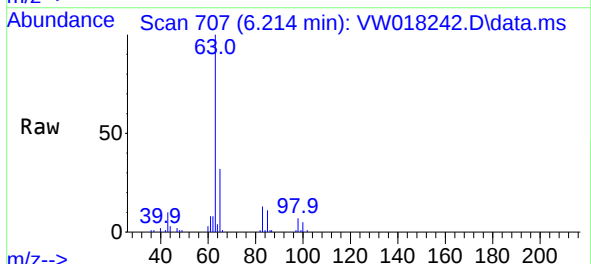
Manual Integrations
APPROVED

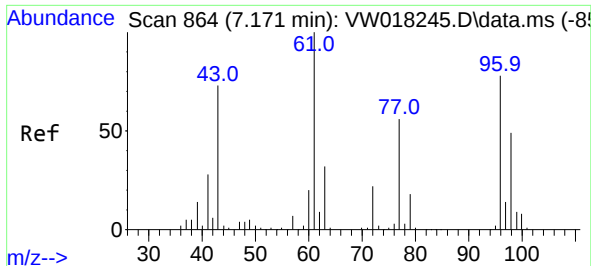
MMDadoda
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#24
1,1-Dichloroethane
Concen: 4.27 ug/l
RT: 6.214 min Scan# 707
Delta R.T. 0.000 min
Lab File: VW018242.D
Acq: 04 Mar 2021 11:13

Tgt Ion: 63 Resp: 25612
Ion Ratio Lower Upper
63 100
98 6.9 3.1 9.3
100 4.6 2.1 6.3





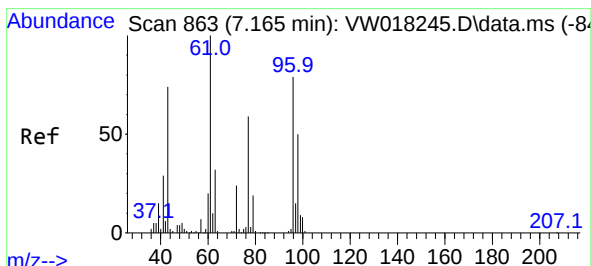
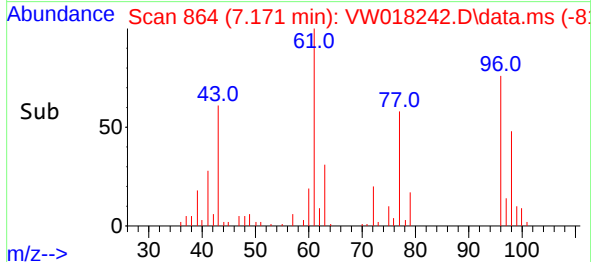
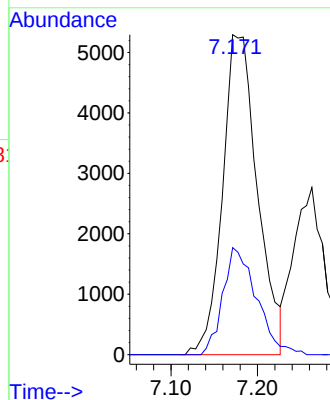
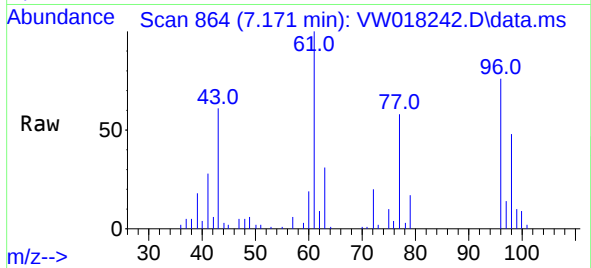
#25
2-Butanone
Concen: 17.80 ug/l
RT: 7.171 min Scan# 864
Delta R.T. 0.000 min
Lab File: VW018242.D
Acq: 04 Mar 2021 11:13

Tgt Ion: 43 Resp: 14804
Ion Ratio Lower Upper
43 100
72 33.5 22.6 33.8

Instrument :
MSVOA_W
ClientSampled :
VSTDIC005

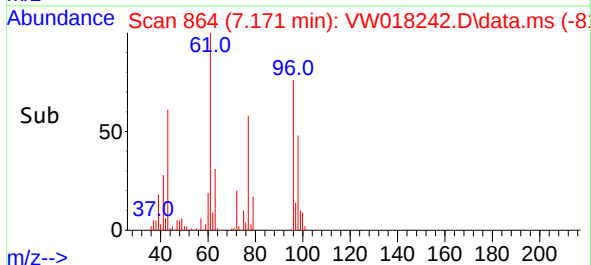
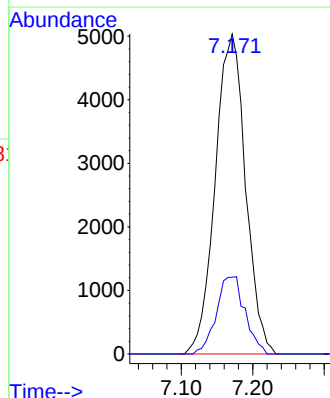
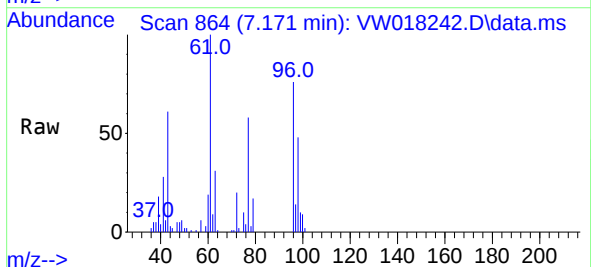
Manual Integrations
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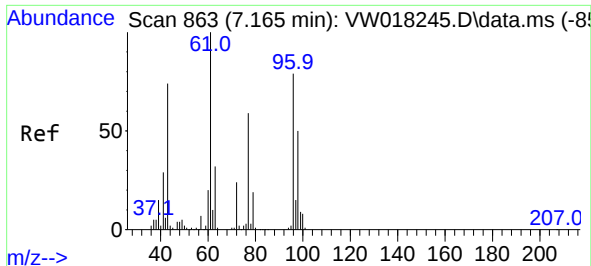
MMDadoda
3/5/2021 10:12:12 AM



#26
2,2-Dichloropropane
Concen: 4.29 ug/l
RT: 7.171 min Scan# 864
Delta R.T. 0.006 min
Lab File: VW018242.D
Acq: 04 Mar 2021 11:13

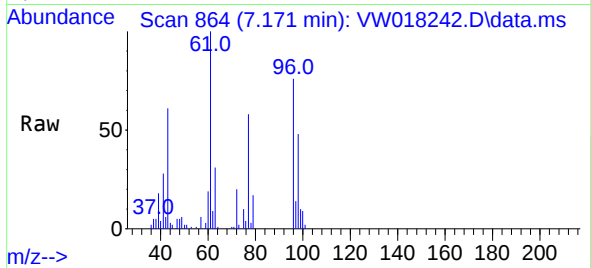
Tgt Ion: 77 Resp: 14821
Ion Ratio Lower Upper
77 100
97 22.8 11.5 34.5





#27
cis-1,2-Dichloroethene
Concen: 4.53 ug/l
RT: 7.171 min Scan# 864
Delta R.T. 0.006 min
Lab File: VW018242.D
Acq: 04 Mar 2021 11:13

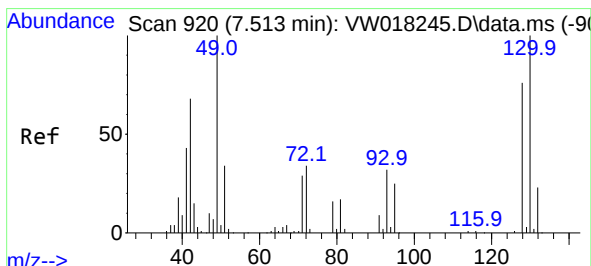
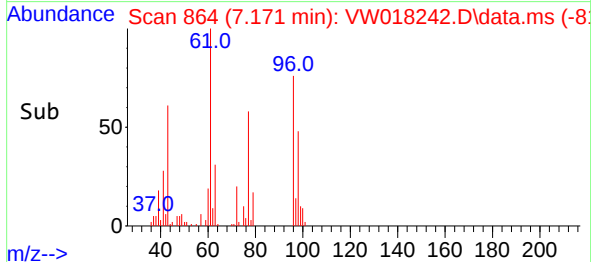
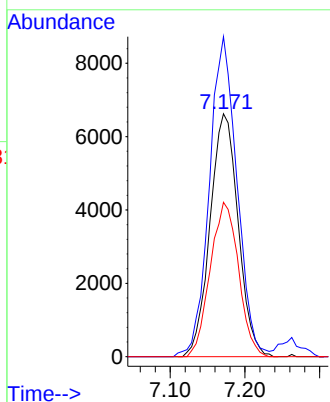
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005



Tgt Ion	Ratio	Lower	Upper
96	100		
61	129.4	0.0	281.0
98	63.9	0.0	129.8

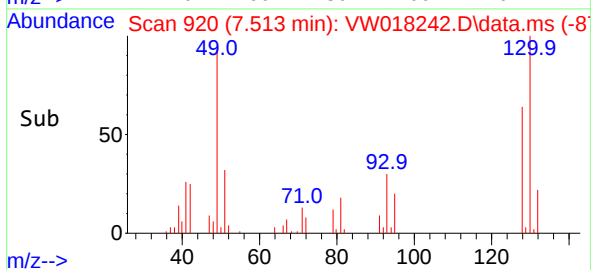
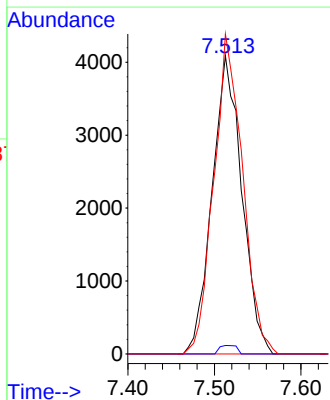
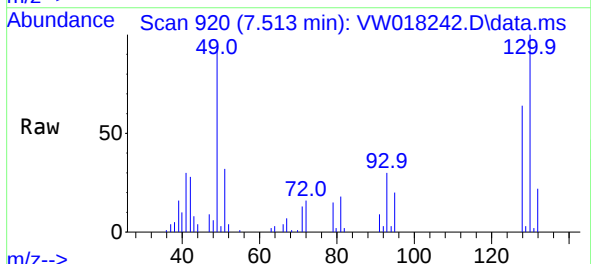
Manual Integrations
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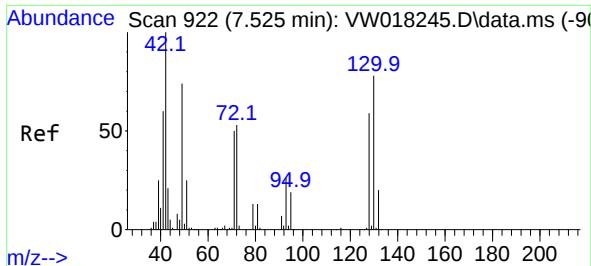
MMDadoda
3/5/2021 10:12:12 AM



#28
Bromochloromethane
Concen: 3.96 ug/l
RT: 7.513 min Scan# 920
Delta R.T. 0.000 min
Lab File: VW018242.D
Acq: 04 Mar 2021 11:13

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.6	0.0	4.8
130	103.9	61.1	91.7





#29

Tetrahydrofuran

Concen: 18.63 ug/l

RT: 7.531 min Scan# 923

Delta R.T. 0.006 min

Lab File: VW018242.D

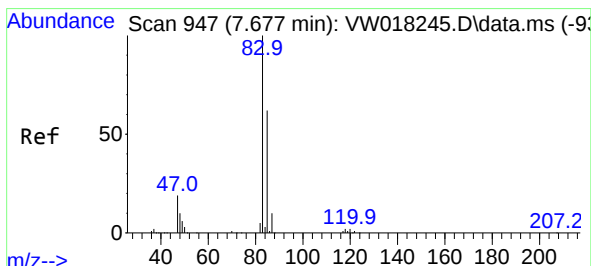
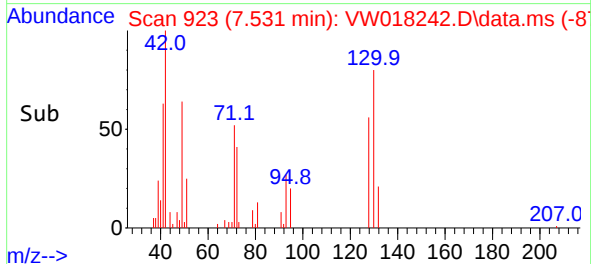
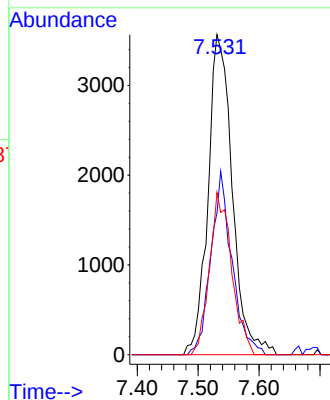
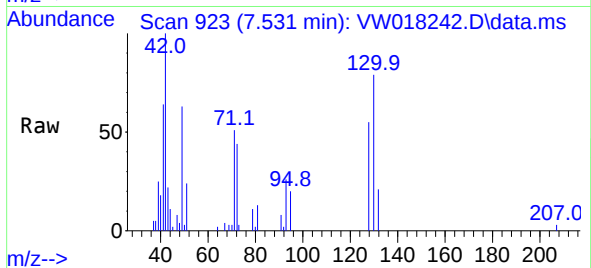
Acq: 04 Mar 2021 11:13

Tgt Ion:	42	Resp:	9896
Ion	Ratio	Lower	Upper
42	100		
72	49.7	37.7	56.5
71	46.3	34.1	51.1

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Manual Integrations
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3/5/2021 10:12:12 AM



#30

Chloroform

Concen: 4.30 ug/l

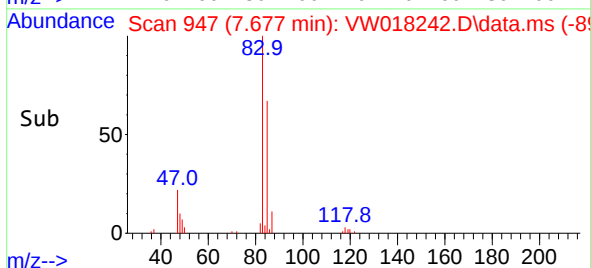
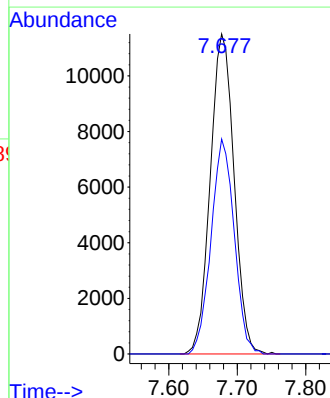
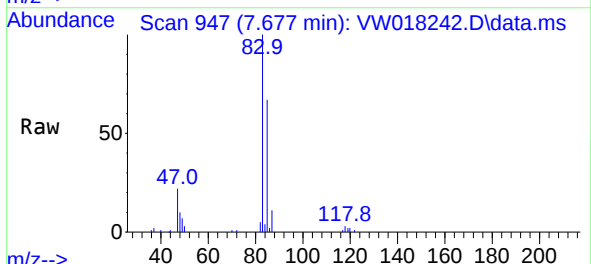
RT: 7.677 min Scan# 947

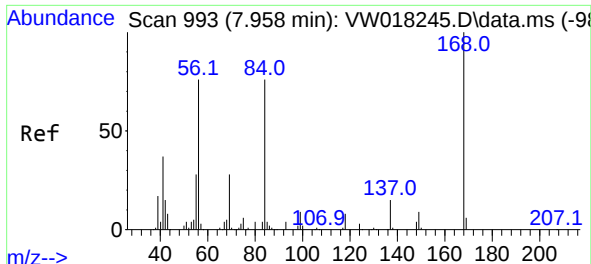
Delta R.T. 0.000 min

Lab File: VW018242.D

Acq: 04 Mar 2021 11:13

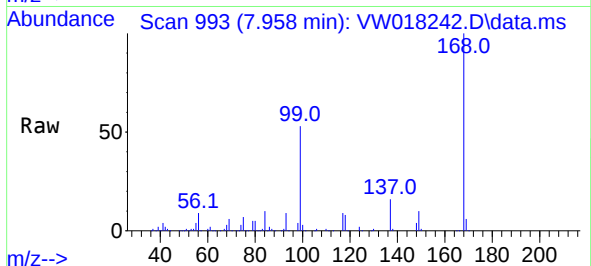
Tgt Ion:	83	Resp:	27746
Ion	Ratio	Lower	Upper
83	100		
85	67.2	52.8	79.2





#31
Cyclohexane
Concen: 4.68 ug/l
RT: 7.958 min Scan# 993
Delta R.T. 0.000 min
Lab File: VW018242.D
Acq: 04 Mar 2021 11:13

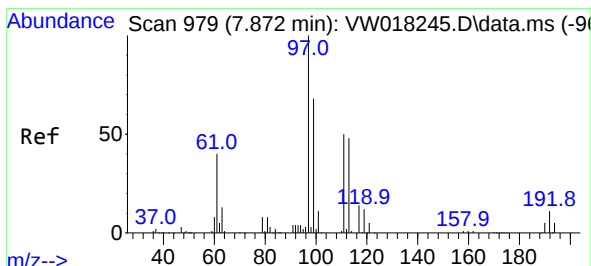
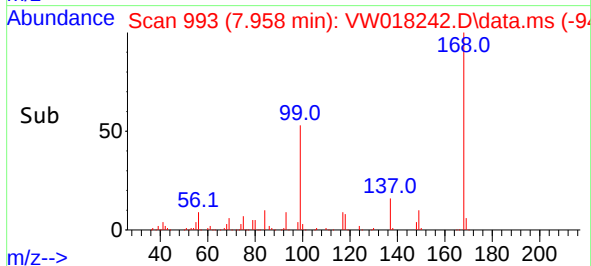
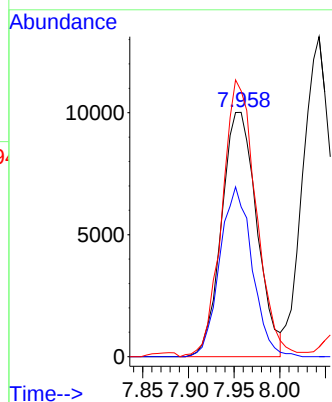
Instrument :
MSVOA_W
ClientSampled :
VSTDIC005



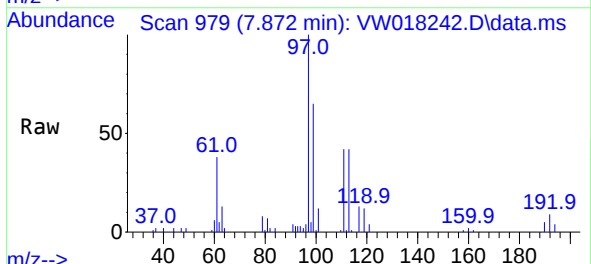
Tgt Ion: 56 Resp: 26858
Ion Ratio Lower Upper
56 100
69 61.3 26.7 40.1#
84 108.8 73.6 110.4

Manual Integrations
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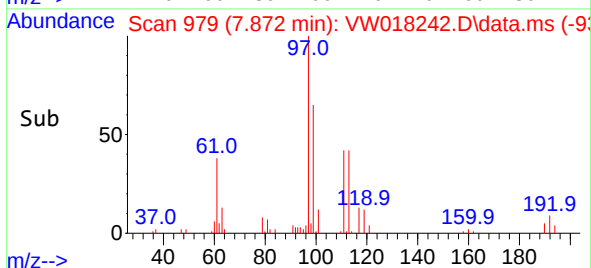
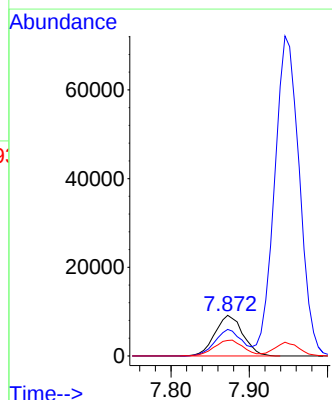
MMDadoda
3/5/2021 10:12:12 AM

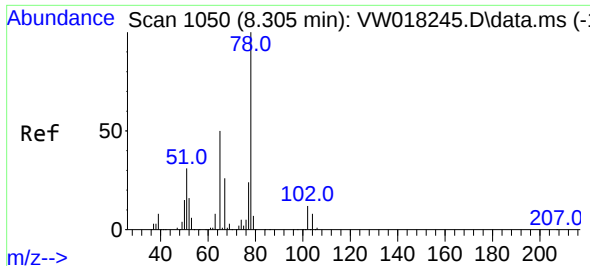


#32
1,1,1-Trichloroethane
Concen: 4.27 ug/l
RT: 7.872 min Scan# 979
Delta R.T. 0.000 min
Lab File: VW018242.D
Acq: 04 Mar 2021 11:13



Tgt Ion: 97 Resp: 22675
Ion Ratio Lower Upper
97 100
99 63.5 52.0 78.0
61 41.2 36.7 55.1





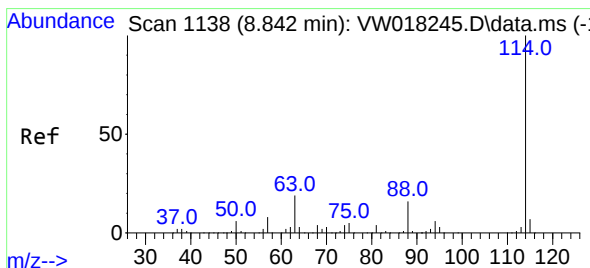
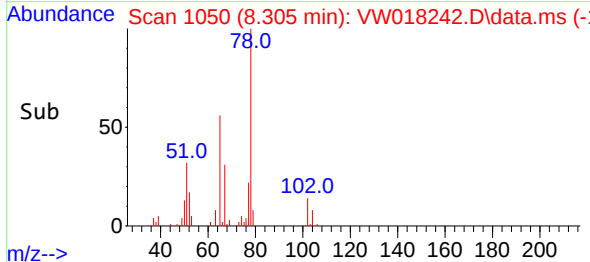
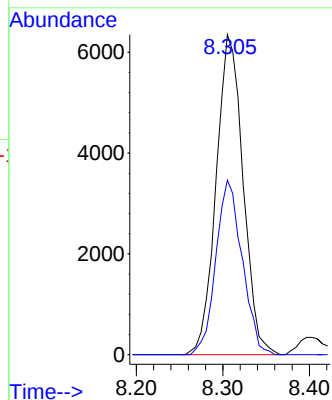
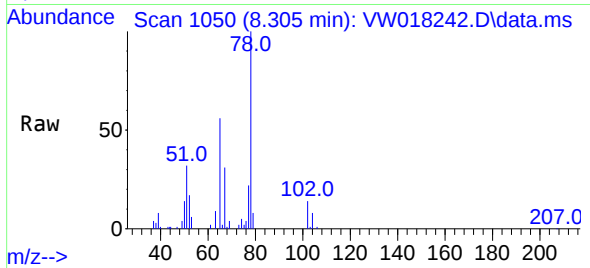
#33
1,2-Dichloroethane-d4
Concen: 4.01 ug/l
RT: 8.305 min Scan# 1050
Delta R.T. 0.000 min
Lab File: VW018242.D
Acq: 04 Mar 2021 11:13

Tgt Ion: 65 Resp: 13711
Ion Ratio Lower Upper
65 100
67 53.4 0.0 101.8

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

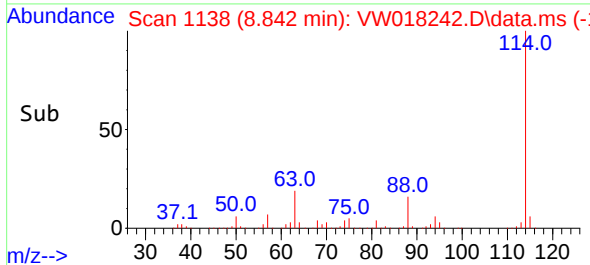
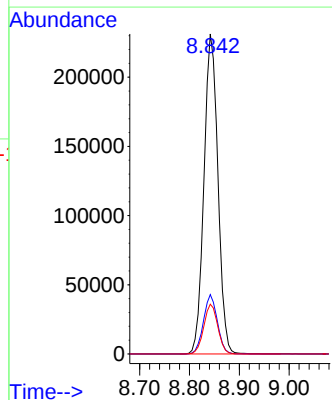
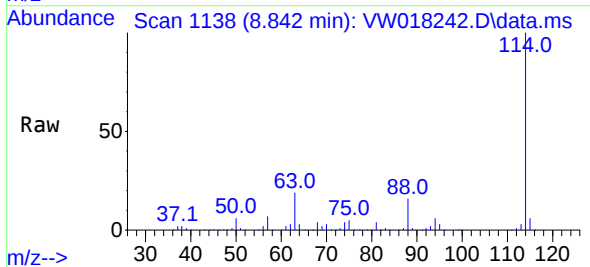
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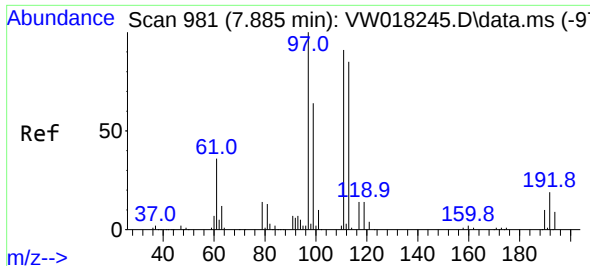
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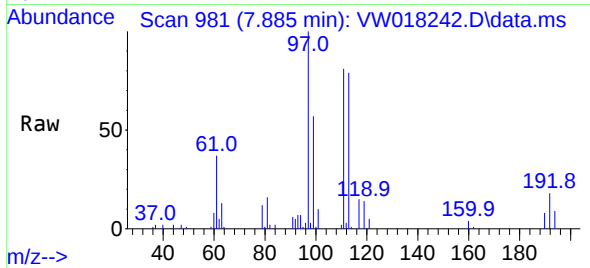
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.842 min Scan# 1138
Delta R.T. 0.000 min
Lab File: VW018242.D
Acq: 04 Mar 2021 11:13

Tgt Ion: 114 Resp: 449246
Ion Ratio Lower Upper
114 100
63 18.5 0.0 45.0
88 15.6 0.0 31.2

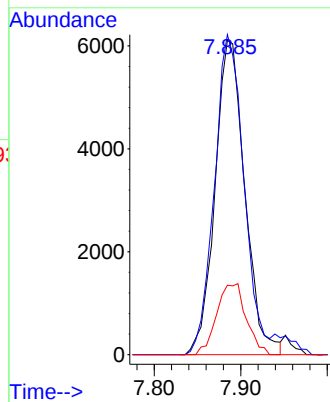
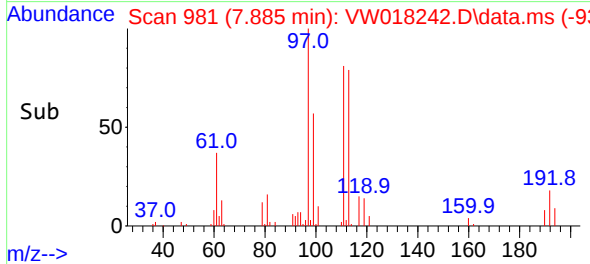




#35
Dibromofluoromethane
Concen: 5.03 ug/l
RT: 7.885 min Scan# 981
Delta R.T. 0.000 min
Lab File: VW018242.D
Acq: 04 Mar 2021 11:13



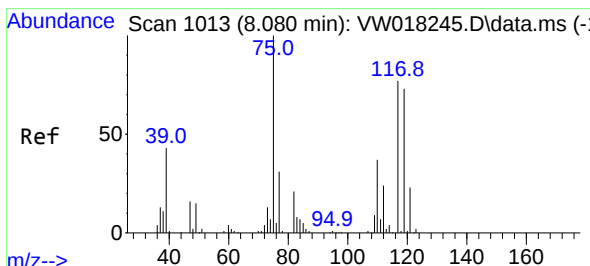
Tgt Ion: 113 Resp: 14603
Ion Ratio Lower Upper
113 100
111 100.4 81.4 122.2
192 22.3 13.9 20.9#



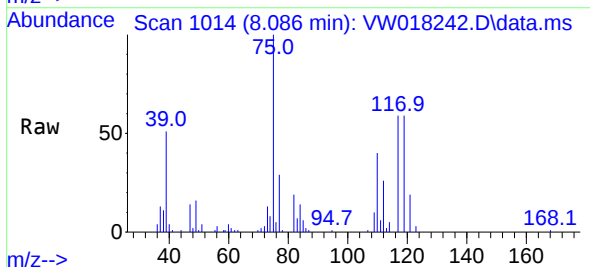
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

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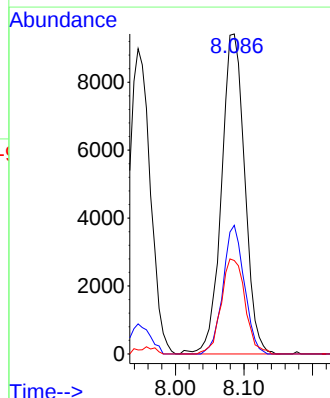
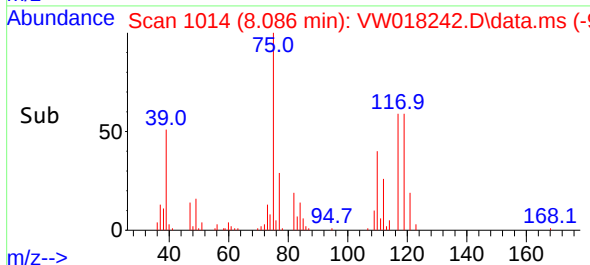
MMDadoda
3/5/2021 10:12:12 AM

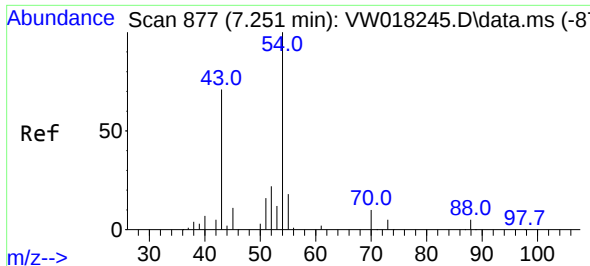


#36
1,1-Dichloropropene
Concen: 4.75 ug/l
RT: 8.086 min Scan# 1014
Delta R.T. 0.006 min
Lab File: VW018242.D
Acq: 04 Mar 2021 11:13



Tgt Ion: 75 Resp: 22157
Ion Ratio Lower Upper
75 100
110 36.8 17.0 50.9
77 30.5 24.6 37.0





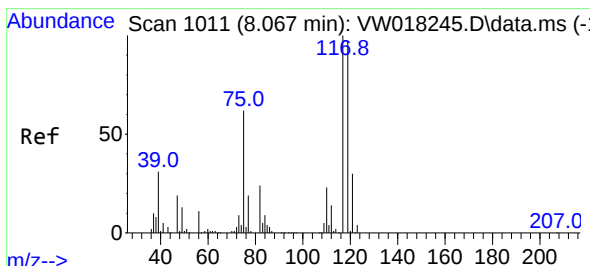
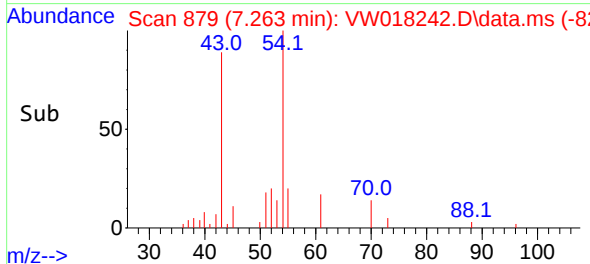
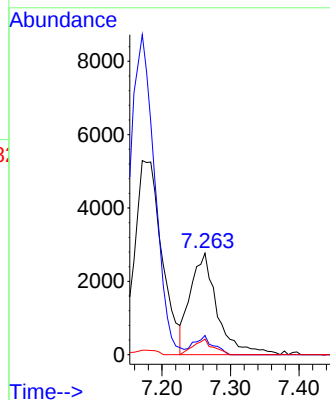
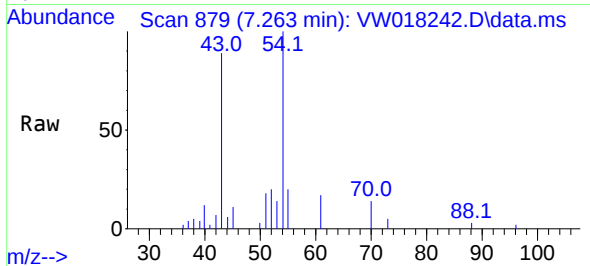
#37
Ethyl Acetate
Concen: 4.29 ug/l
RT: 7.263 min Scan# 879
Delta R.T. 0.012 min
Lab File: VW018242.D
Acq: 04 Mar 2021 11:13

Tgt Ion:	43	Resp:	7589
Ion	Ratio	Lower	Upper
43	100		
61	13.2	9.7	14.5
70	11.0	7.9	11.9

Instrument :
MSVOA_W
ClientSampled :
VSTDIC005

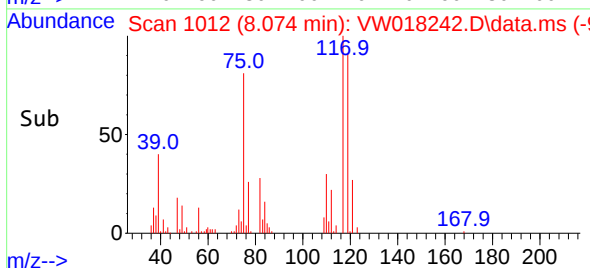
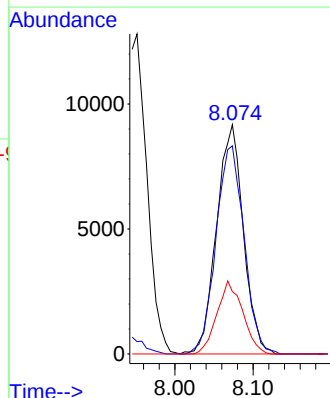
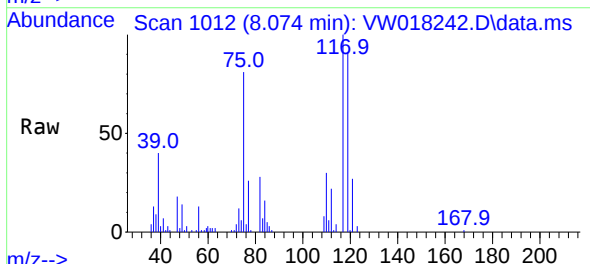
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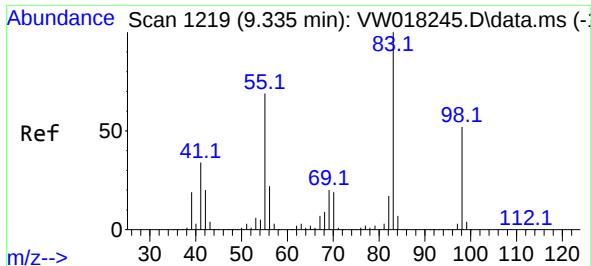
MMDadoda
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#38
Carbon Tetrachloride
Concen: 4.75 ug/l
RT: 8.074 min Scan# 1012
Delta R.T. 0.006 min
Lab File: VW018242.D
Acq: 04 Mar 2021 11:13

Tgt Ion:	117	Resp:	21794
Ion	Ratio	Lower	Upper
117	100		
119	90.8	77.9	116.9
121	27.2	24.2	36.4





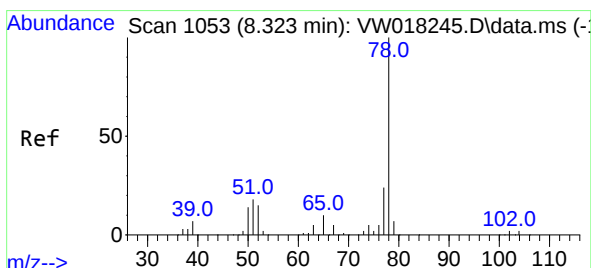
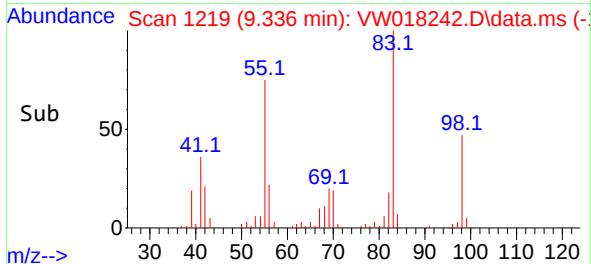
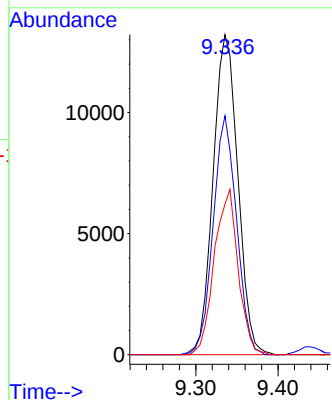
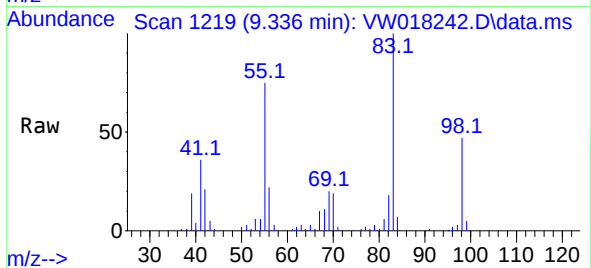
#39
Methylcyclohexane
Concen: 4.79 ug/l
RT: 9.336 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VW018242.D
Acq: 04 Mar 2021 11:13

Tgt Ion: 83 Resp: 27642
Ion Ratio Lower Upper
83 100
55 74.6 58.4 87.6
98 47.1 40.0 60.0

Instrument :
MSVOA_W
ClientSampled :
VSTDIC005

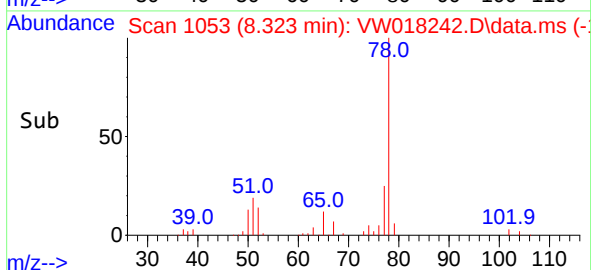
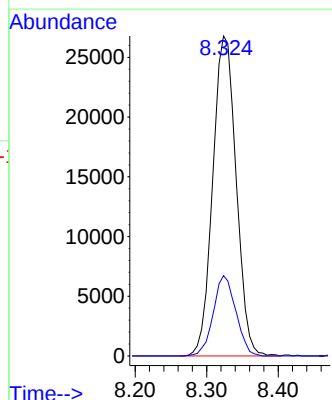
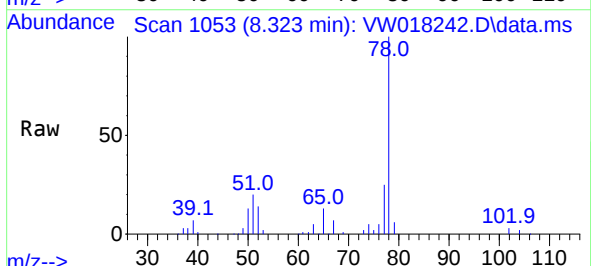
Manual Integrations
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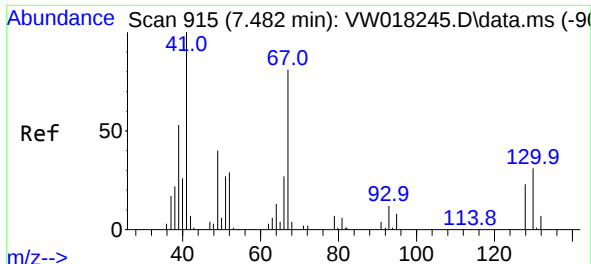
MMDadoda
3/5/2021 10:12:12 AM



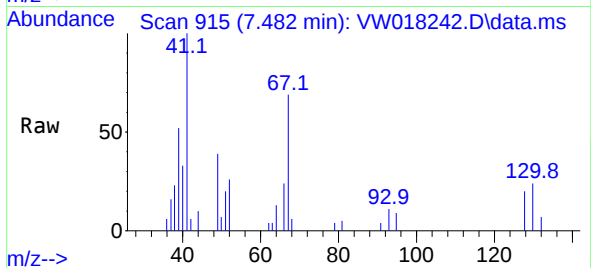
#40
Benzene
Concen: 4.79 ug/l
RT: 8.323 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW018242.D
Acq: 04 Mar 2021 11:13

Tgt Ion: 78 Resp: 60876
Ion Ratio Lower Upper
78 100
77 25.1 18.7 28.1



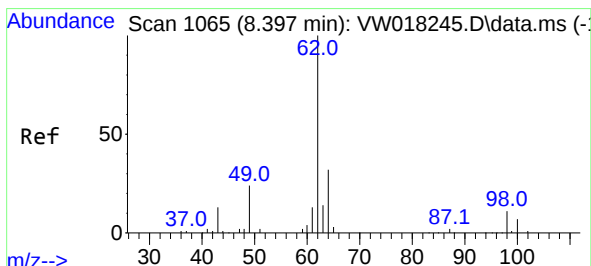
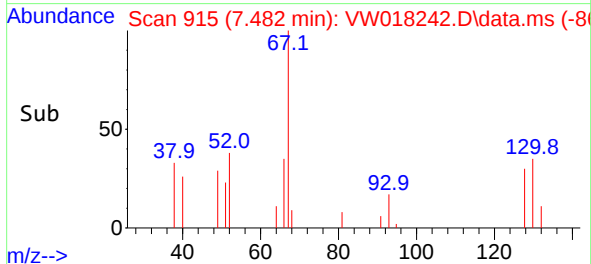
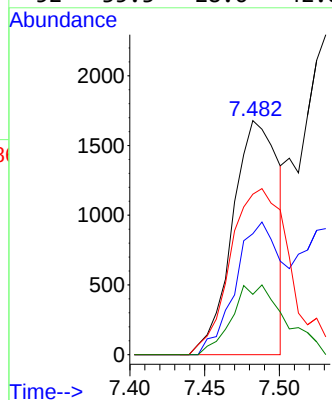


#41
Methacrylonitrile
Concen: 3.53 ug/l
RT: 7.482 min Scan# 915
Delta R.T. 0.000 min
Lab File: VW018242.D
Acq: 04 Mar 2021 11:13

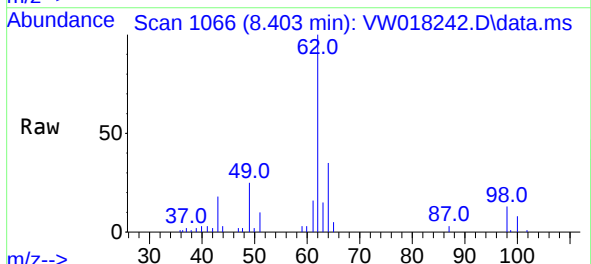


Tgt Ion: 41 Resp: 3563

Ion	Ratio	Lower	Upper
41	100		
39	58.9	47.8	71.6
67	93.3	64.2	96.2
52	35.3	28.6	42.8

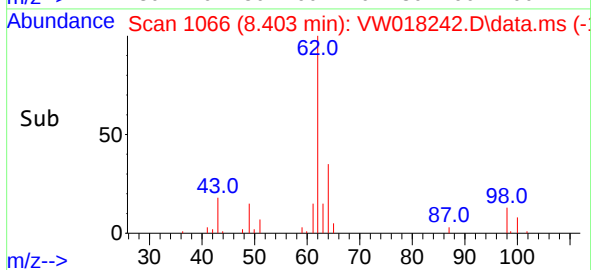
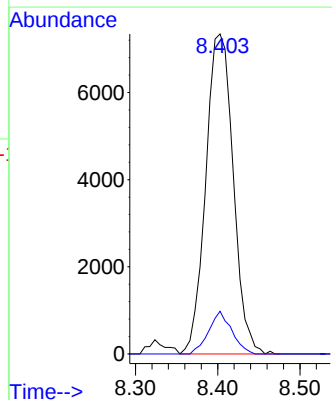


#42
1,2-Dichloroethane
Concen: 4.44 ug/l
RT: 8.403 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VW018242.D
Acq: 04 Mar 2021 11:13



Tgt Ion: 62 Resp: 17049

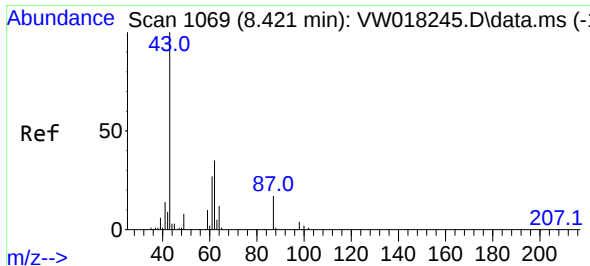
Ion	Ratio	Lower	Upper
62	100		
98	11.2	0.0	17.8



Instrument :
MSVOA_W
ClientSampled :
VSTDIC005

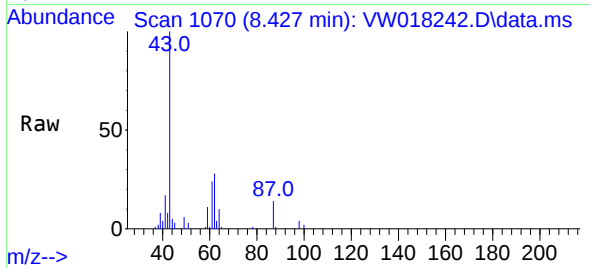
Manual Integrations
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MMDadoda
3/5/2021 10:12:12 AM



#43
Isopropyl Acetate
Concen: 4.03 ug/l
RT: 8.427 min Scan# 1070
Delta R.T. 0.006 min
Lab File: VW018242.D
Acq: 04 Mar 2021 11:13

Instrument :
MSVOA_W
ClientSampled :
VSTDIC005

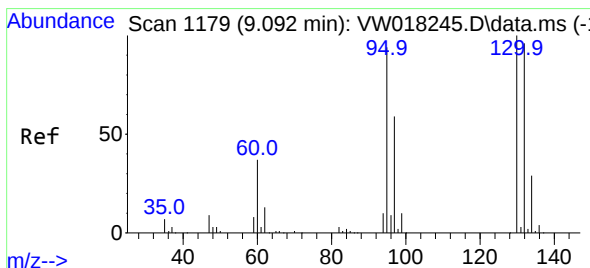
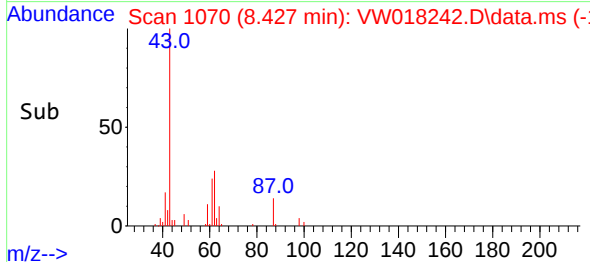
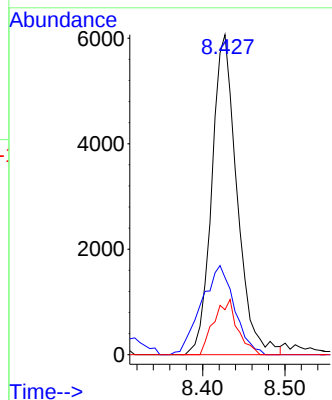


Tgt Ion: 43 Resp: 12924

Ion	Ratio	Lower	Upper
43	100		
61	36.7	25.5	38.3
87	16.1	11.0	16.4

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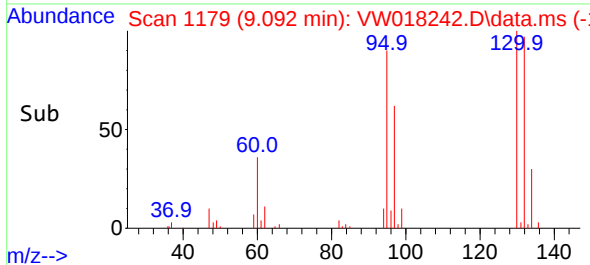
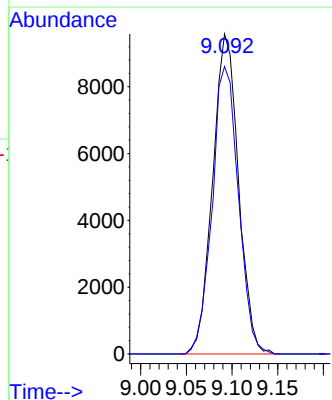
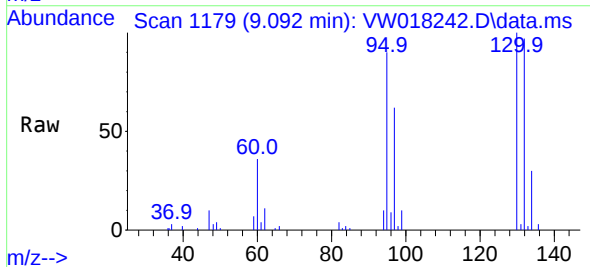
MMDadoda
3/5/2021 10:12:12 AM

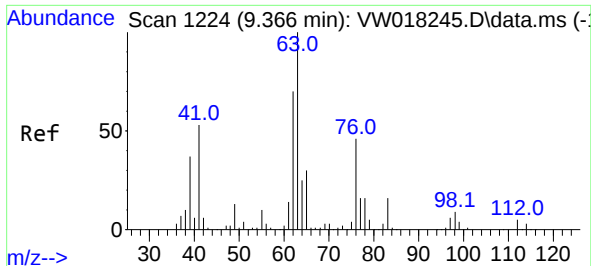


#44
Trichloroethene
Concen: 5.33 ug/l
RT: 9.092 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VW018242.D
Acq: 04 Mar 2021 11:13

Tgt Ion: 130 Resp: 18825

Ion	Ratio	Lower	Upper
130	100		
95	89.8	0.0	198.8





#45

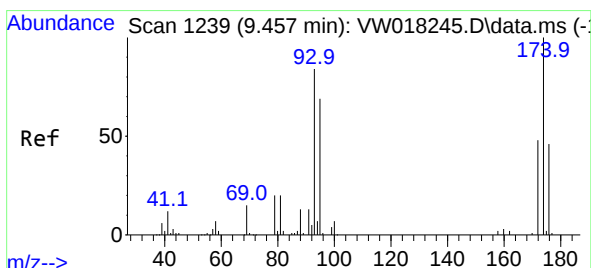
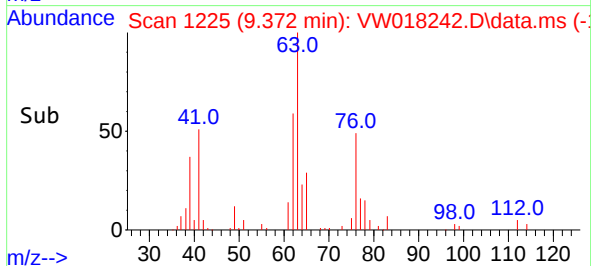
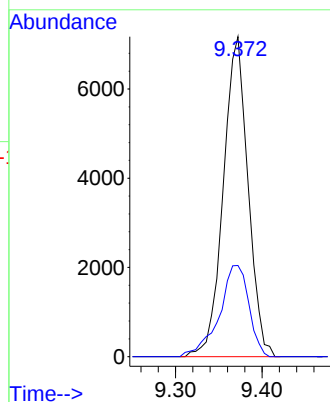
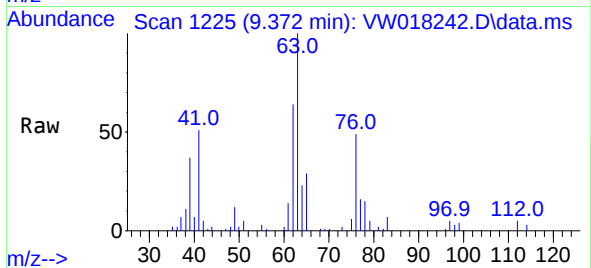
1,2-Dichloropropane
Concen: 4.72 ug/l
RT: 9.372 min Scan# 1225
Delta R.T. 0.006 min
Lab File: VW018242.D
Acq: 04 Mar 2021 11:13

Tgt Ion: 63 Resp: 14219
Ion Ratio Lower Upper
63 100
65 28.5 25.2 37.8

Instrument :
MSVOA_W
ClientSampled :
VSTDIC005

Manual Integrations
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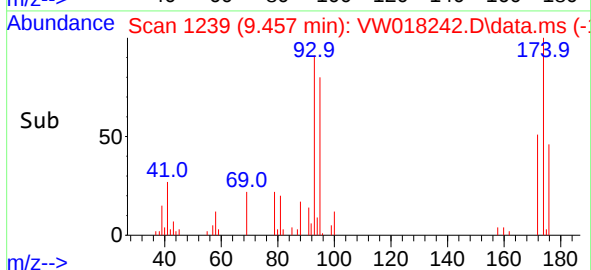
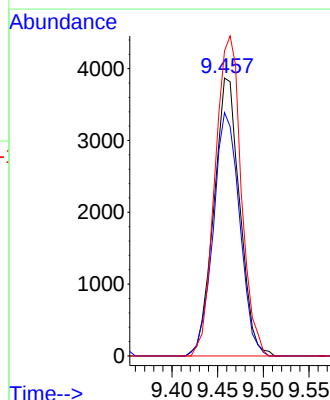
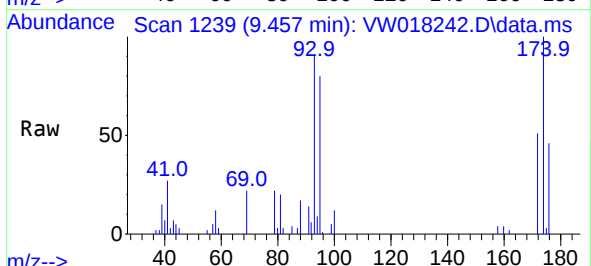
MMDadoda
3/5/2021 10:12:12 AM

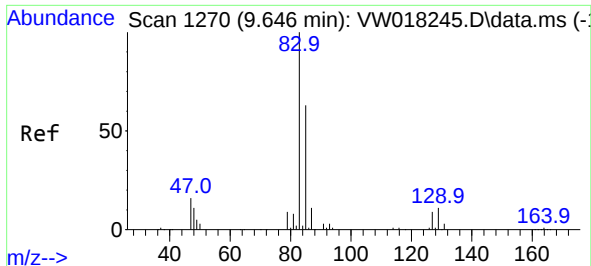


#46

Dibromomethane
Concen: 4.34 ug/l
RT: 9.457 min Scan# 1239
Delta R.T. 0.000 min
Lab File: VW018242.D
Acq: 04 Mar 2021 11:13

Tgt Ion: 93 Resp: 7629
Ion Ratio Lower Upper
93 100
95 88.8 65.3 97.9
174 116.2 68.6 103.0#





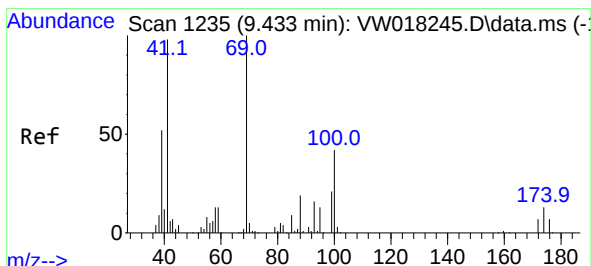
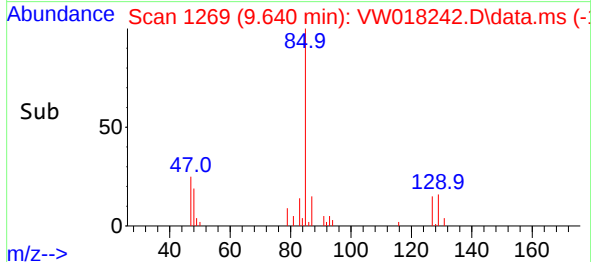
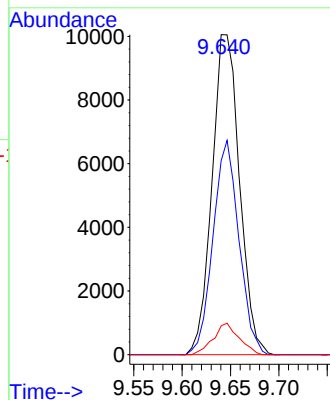
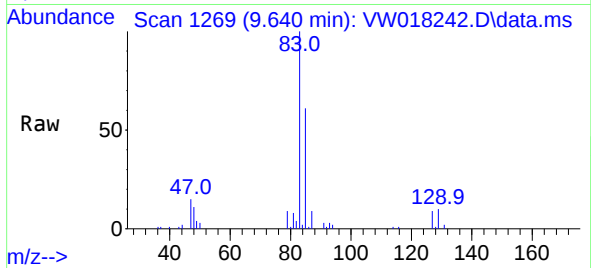
#47
Bromodichloromethane
Concen: 4.65 ug/l
RT: 9.640 min Scan# 1269
Delta R.T. -0.006 min
Lab File: VW018242.D
Acq: 04 Mar 2021 11:13

Tgt Ion:	83	Resp:	19879
Ion	Ratio	Lower	Upper
83	100		
85	60.6	52.3	78.5
127	9.0	6.6	10.0

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

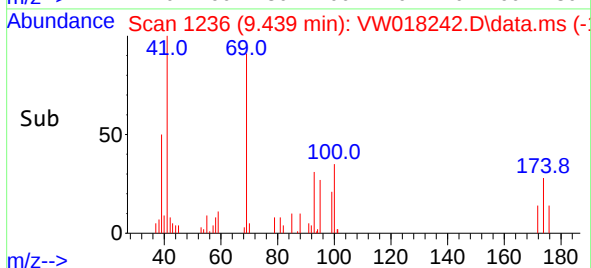
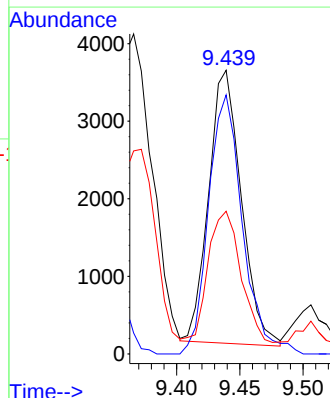
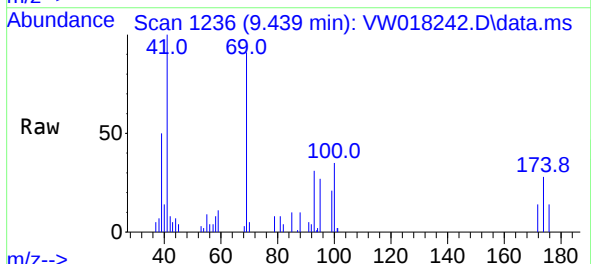
Manual Integrations
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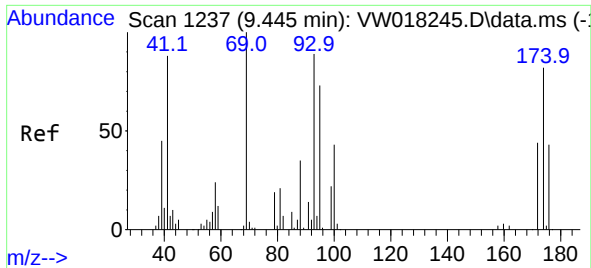
MMDadoda
3/5/2021 10:12:12 AM



#48
Methyl methacrylate
Concen: 3.93 ug/l
RT: 9.439 min Scan# 1236
Delta R.T. 0.006 min
Lab File: VW018242.D
Acq: 04 Mar 2021 11:13

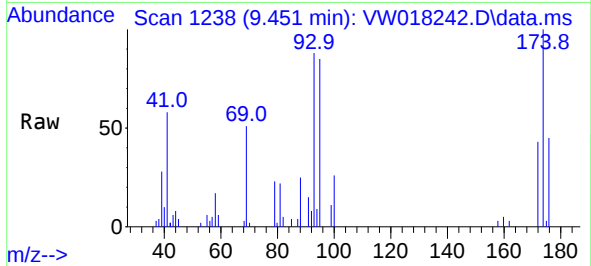
Tgt Ion:	41	Resp:	6310
Ion	Ratio	Lower	Upper
41	100		
69	98.8	70.5	105.7
39	49.8	50.2	75.2





#49
1,4-Dioxane
Concen: 89.61 ug/l
RT: 9.451 min Scan# 1238
Delta R.T. 0.006 min
Lab File: VW018242.D
Acq: 04 Mar 2021 11:13

Instrument :
MSVOA_W
ClientSampled :
VSTDIC005

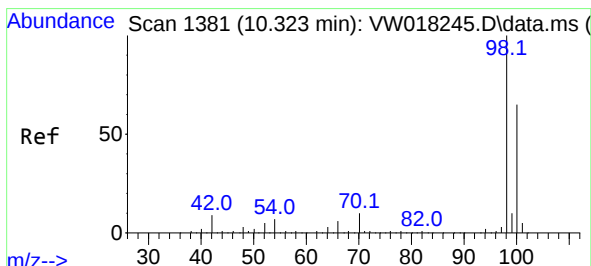
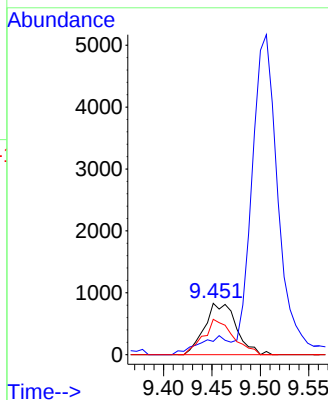
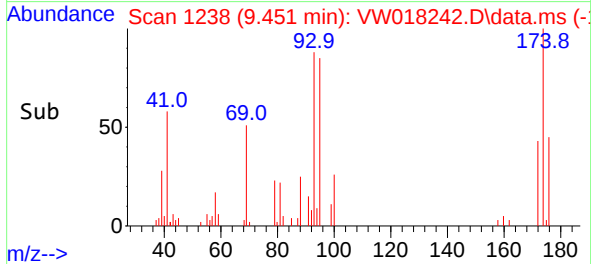


Tgt Ion: 88 Resp: 1893

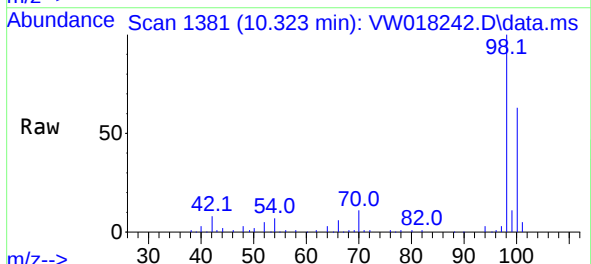
Ion	Ratio	Lower	Upper
88	100		
43	34.5	24.3	36.5
58	64.5	57.0	85.4

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3/5/2021 10:12:12 AM

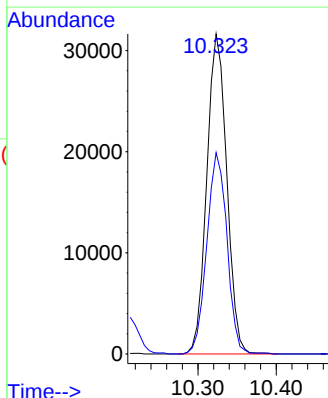
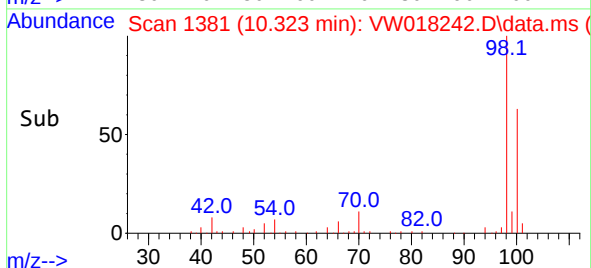


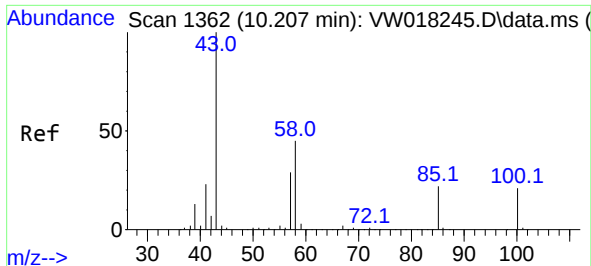
#50
Toluene-d8
Concen: 4.99 ug/l
RT: 10.323 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VW018242.D
Acq: 04 Mar 2021 11:13



Tgt Ion: 98 Resp: 55991

Ion	Ratio	Lower	Upper
98	100		
100	63.4	52.6	78.8





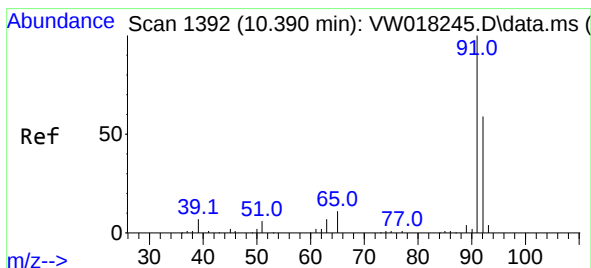
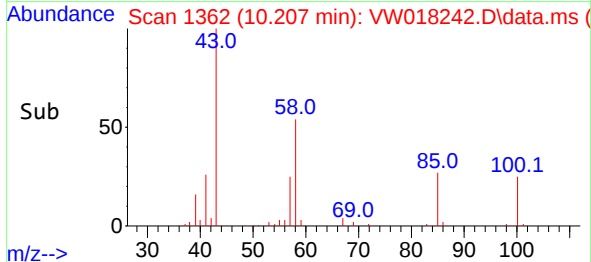
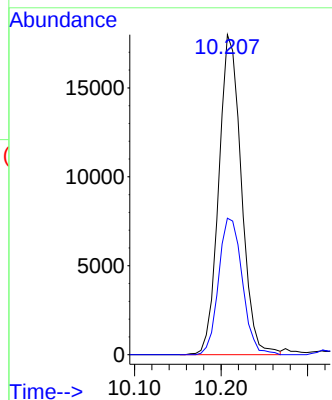
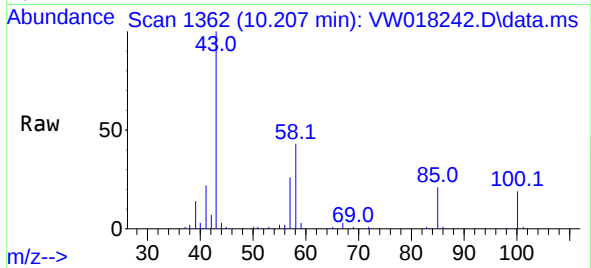
#51
4-Methyl-2-Pentanone
Concen: 19.85 ug/l
RT: 10.207 min Scan# 1362
Delta R.T. 0.000 min
Lab File: VW018242.D
Acq: 04 Mar 2021 11:13

Tgt Ion: 43 Resp: 32576
Ion Ratio Lower Upper
43 100
58 44.8 30.7 46.1

Instrument :
MSVOA_W
ClientSampled :
VSTDIC005

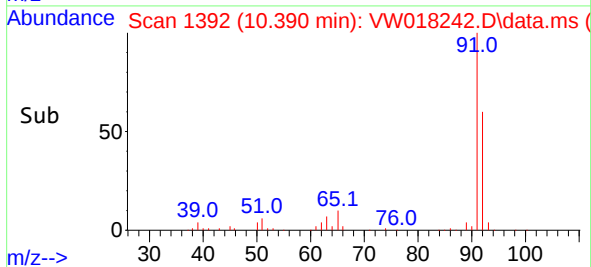
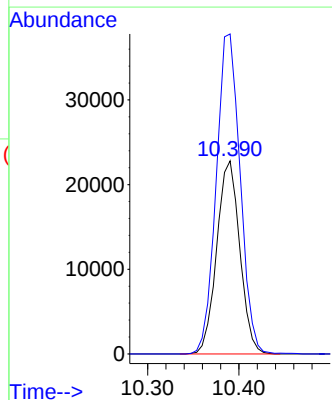
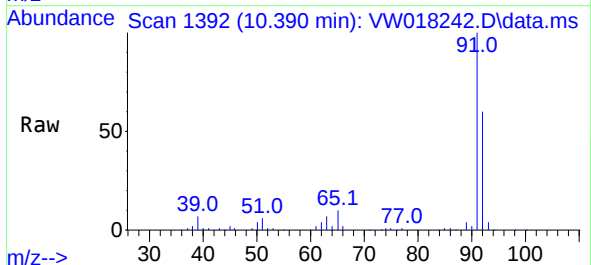
Manual Integrations
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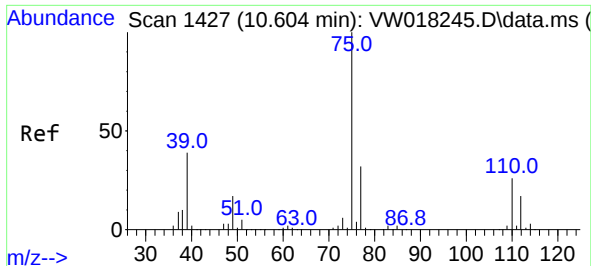
MMDadoda
3/5/2021 10:12:12 AM



#52
Toluene
Concen: 4.81 ug/l
RT: 10.390 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VW018242.D
Acq: 04 Mar 2021 11:13

Tgt Ion: 92 Resp: 39932
Ion Ratio Lower Upper
92 100
91 172.3 136.2 204.4





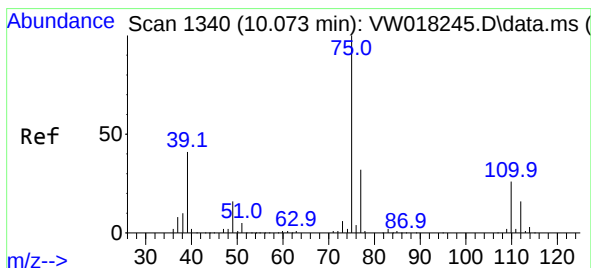
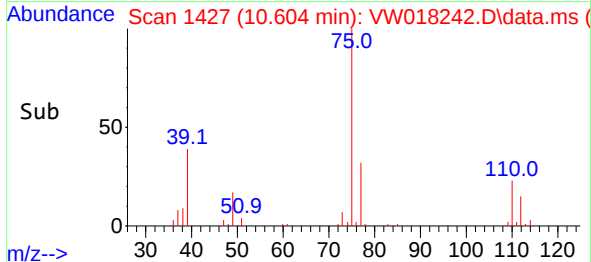
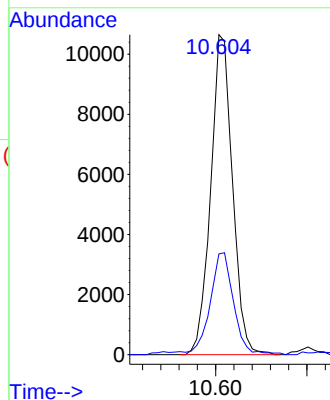
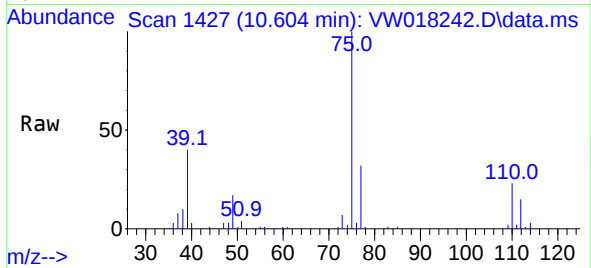
#53
t-1,3-Dichloropropene
Concen: 4.50 ug/l
RT: 10.604 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VW018242.D
Acq: 04 Mar 2021 11:13

Tgt Ion: 75 Resp: 17629
Ion Ratio Lower Upper
75 100
77 31.0 23.8 35.8

Instrument :
MSVOA_W
ClientSampled :
VSTDIC005

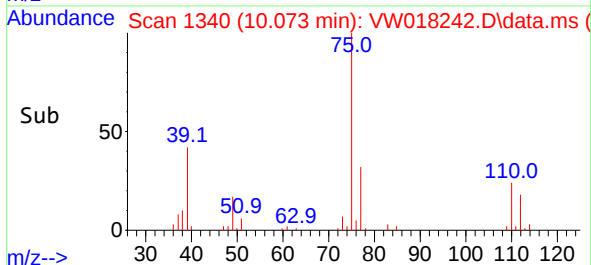
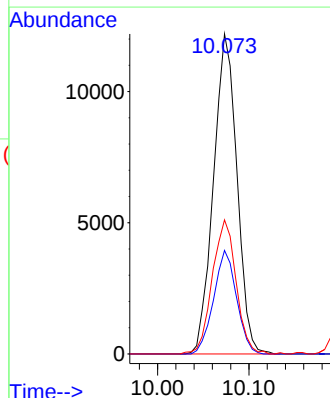
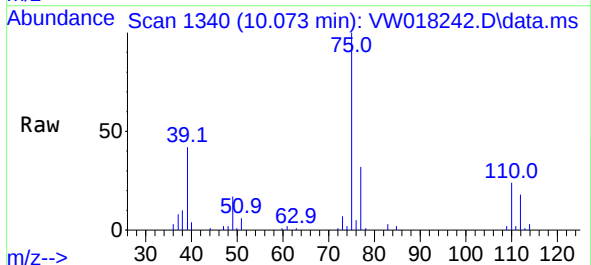
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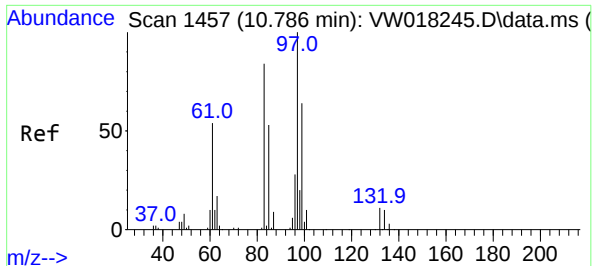
MMDadoda
3/5/2021 10:12:12 AM



#54
cis-1,3-Dichloropropene
Concen: 4.61 ug/l
RT: 10.073 min Scan# 1340
Delta R.T. 0.000 min
Lab File: VW018242.D
Acq: 04 Mar 2021 11:13

Tgt Ion: 75 Resp: 21752
Ion Ratio Lower Upper
75 100
77 32.3 24.5 36.7
39 41.9 40.6 61.0





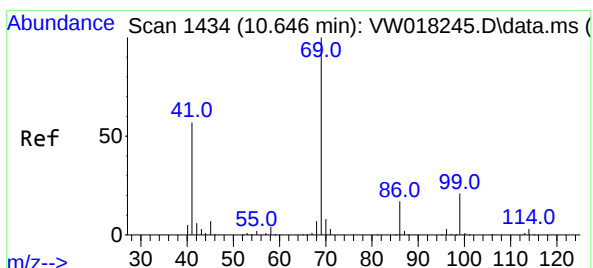
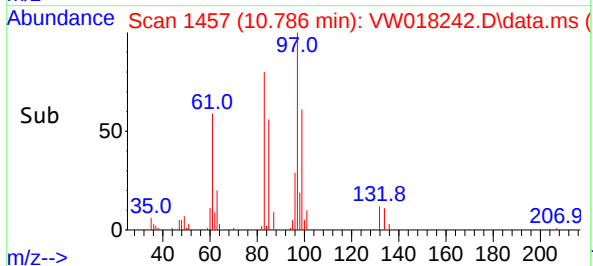
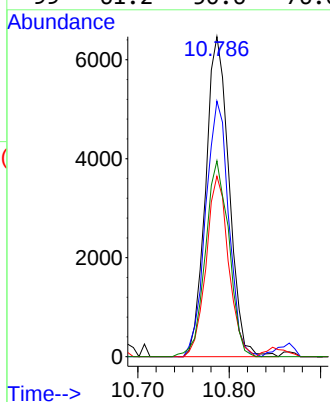
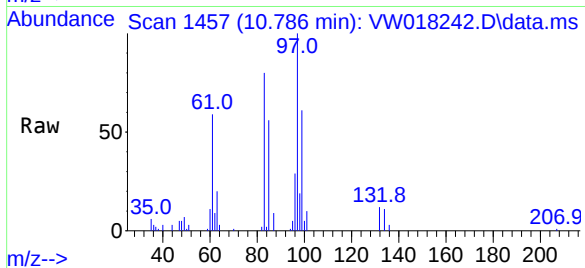
#55
1,1,2-Trichloroethane
Concen: 4.88 ug/l
RT: 10.786 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW018242.D
Acq: 04 Mar 2021 11:13

Tgt Ion: 97	Resp: 11497
Ion Ratio	Lower Upper
97 100	
83 79.9	66.6 100.0
85 56.4	42.6 63.8
99 61.2	50.6 76.0

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

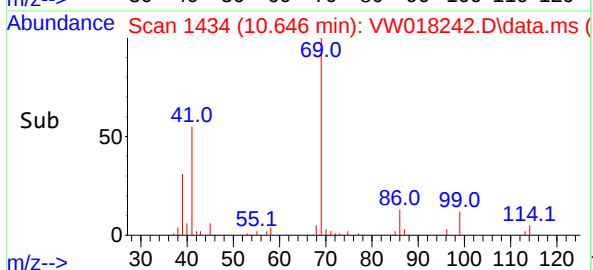
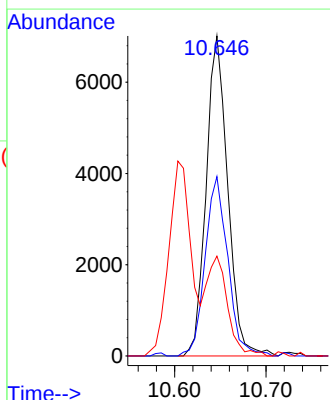
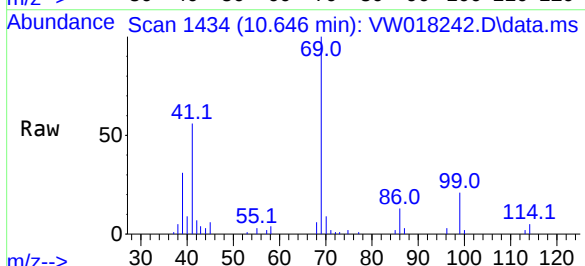
Manual Integrations
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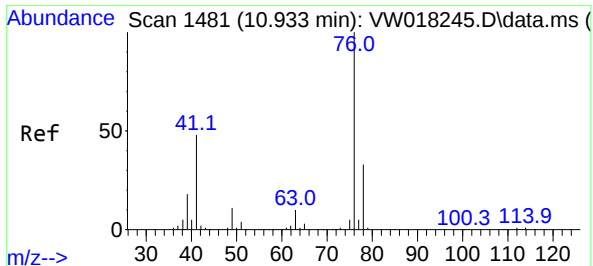
MMDadoda
3/5/2021 10:12:12 AM



#56
Ethyl methacrylate
Concen: 4.24 ug/l
RT: 10.646 min Scan# 1434
Delta R.T. 0.000 min
Lab File: VW018242.D
Acq: 04 Mar 2021 11:13

Tgt Ion: 69	Resp: 11512
Ion Ratio	Lower Upper
69 100	
41 59.0	51.1 76.7
39 30.6	31.8 47.8#





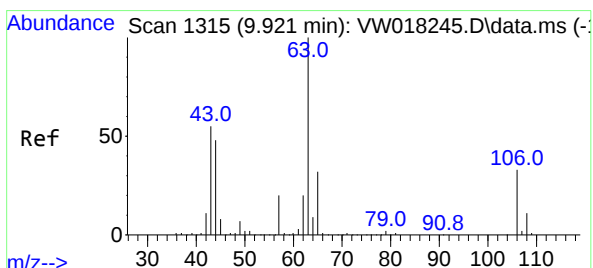
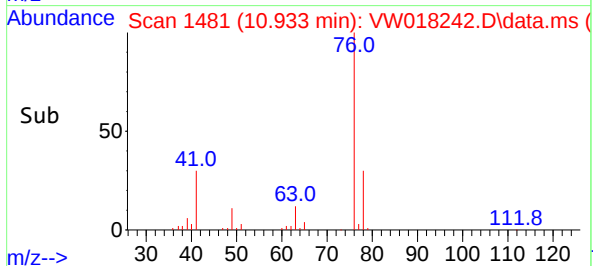
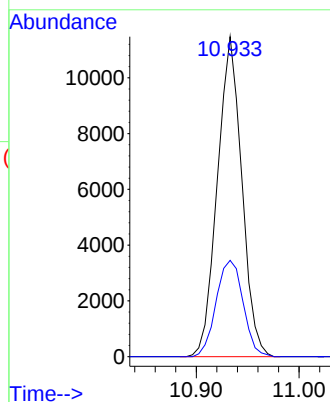
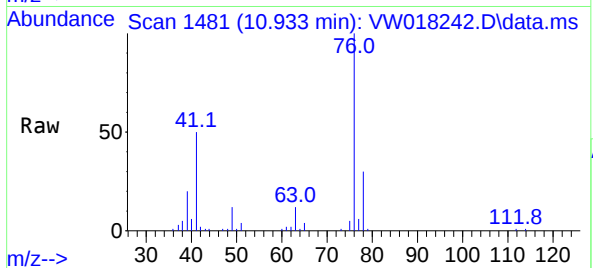
#57
1,3-Dichloropropane
Concen: 4.66 ug/l
RT: 10.933 min Scan# 1481
Delta R.T. 0.000 min
Lab File: VW018242.D
Acq: 04 Mar 2021 11:13

Tgt Ion: 76 Resp: 18917
Ion Ratio Lower Upper
76 100
78 33.2 26.2 39.4

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

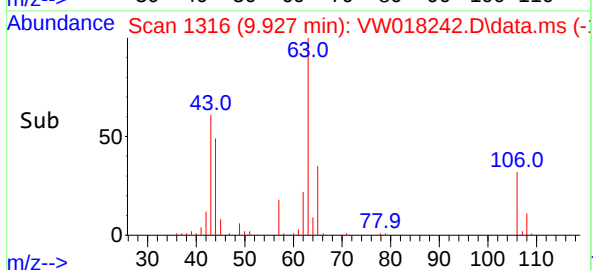
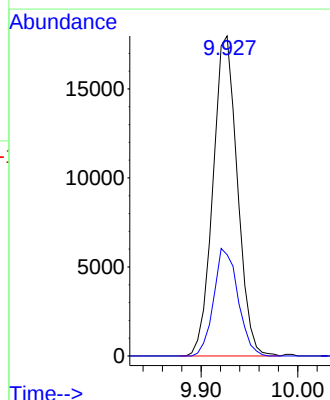
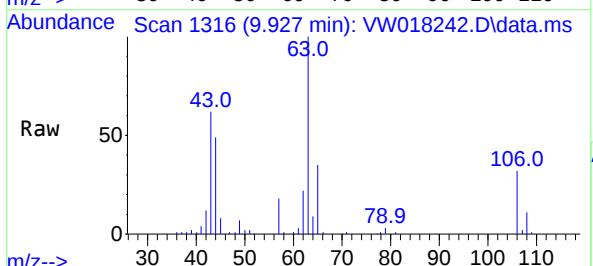
Manual Integrations
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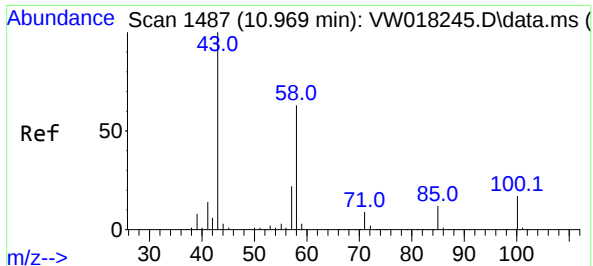
MMDadoda
3/5/2021 10:12:12 AM



#58
2-Chloroethyl Vinyl ether
Concen: 23.57 ug/l
RT: 9.927 min Scan# 1316
Delta R.T. 0.006 min
Lab File: VW018242.D
Acq: 04 Mar 2021 11:13

Tgt Ion: 63 Resp: 31548
Ion Ratio Lower Upper
63 100
106 33.3 23.5 35.3





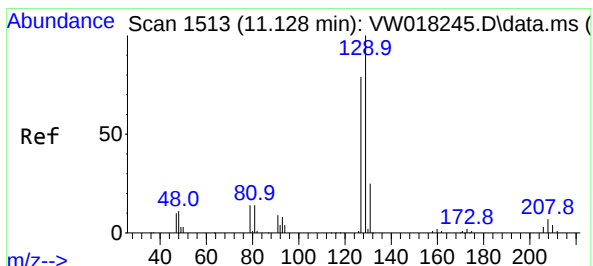
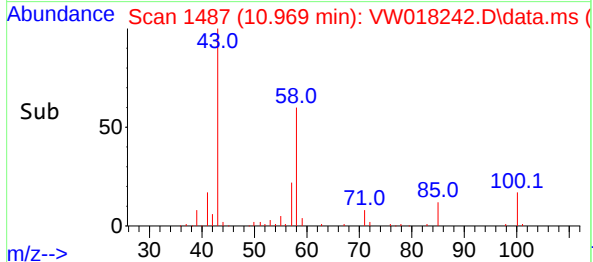
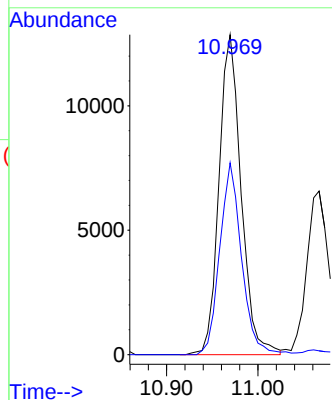
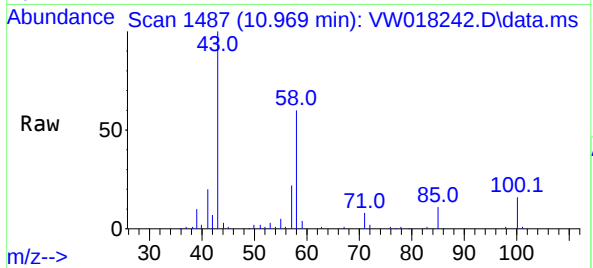
#59
2-Hexanone
Concen: 19.73 ug/l
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW018242.D
Acq: 04 Mar 2021 11:13

Tgt Ion: 43 Resp: 21632
Ion Ratio Lower Upper
43 100
58 59.3 27.4 82.2

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

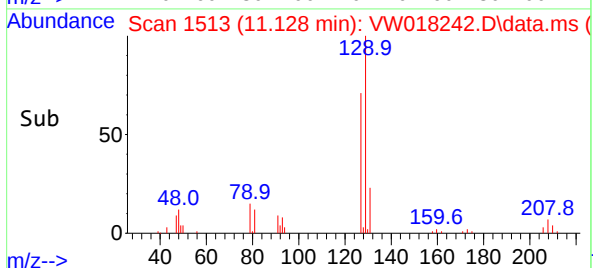
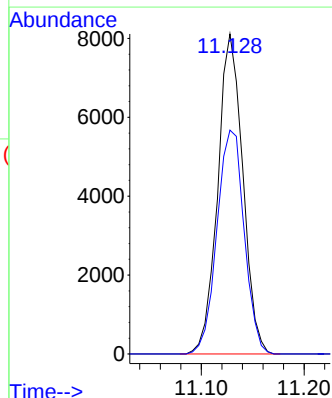
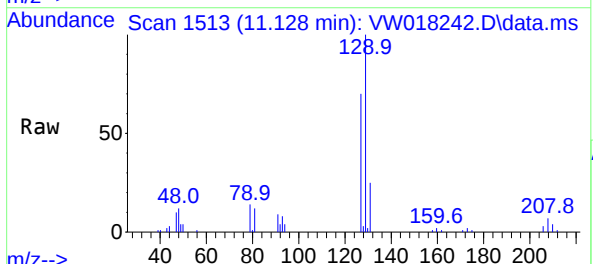
Manual Integrations
APPROVED

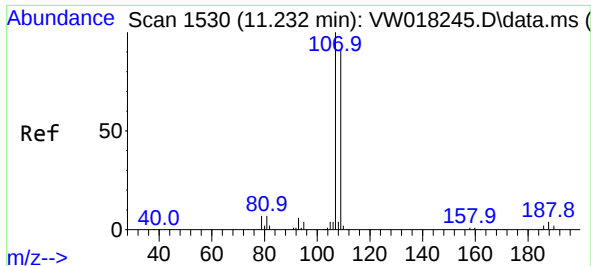
MMDadoda
3/5/2021 10:12:12 AM



#60
Dibromochloromethane
Concen: 5.02 ug/l
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW018242.D
Acq: 04 Mar 2021 11:13

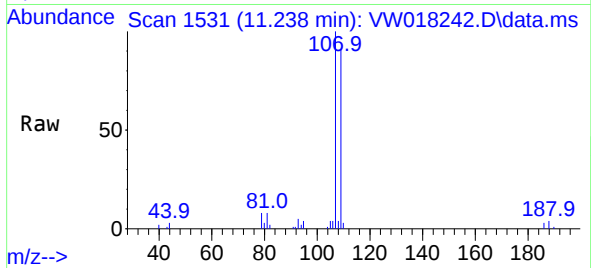
Tgt Ion: 129 Resp: 13741
Ion Ratio Lower Upper
129 100
127 75.9 37.6 112.9





#61
1,2-Dibromoethane
Concen: 4.72 ug/l
RT: 11.238 min Scan# 1531
Delta R.T. 0.006 min
Lab File: VW018242.D
Acq: 04 Mar 2021 11:13

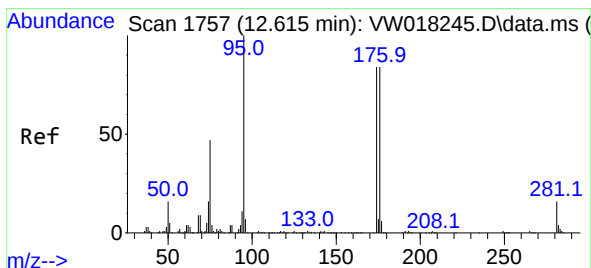
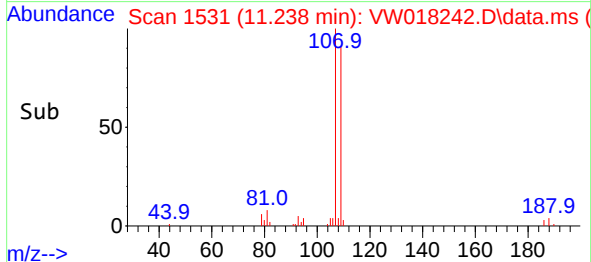
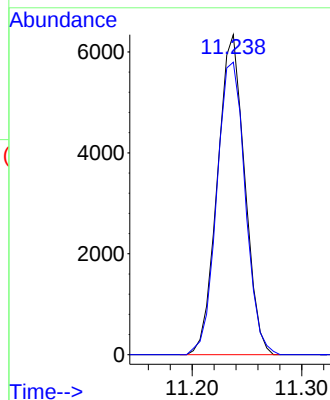
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005



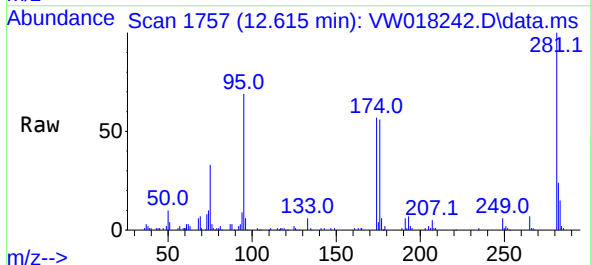
Tgt Ion:107 Resp: 10971
Ion Ratio Lower Upper
107 100
109 95.3 77.5 116.3

Manual Integrations
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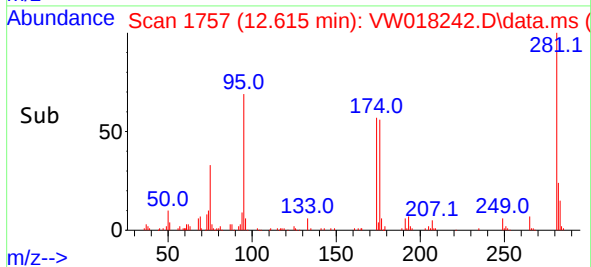
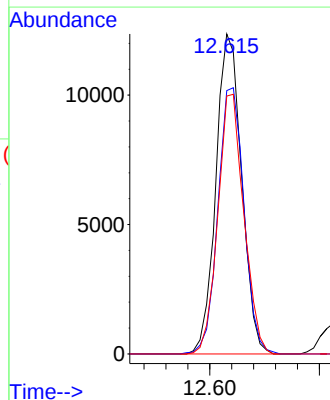
MMDadoda
3/5/2021 10:12:12 AM

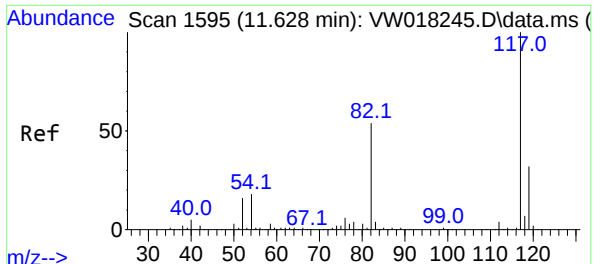


#62
4-Bromofluorobenzene
Concen: 5.06 ug/l
RT: 12.615 min Scan# 1757
Delta R.T. 0.000 min
Lab File: VW018242.D
Acq: 04 Mar 2021 11:13



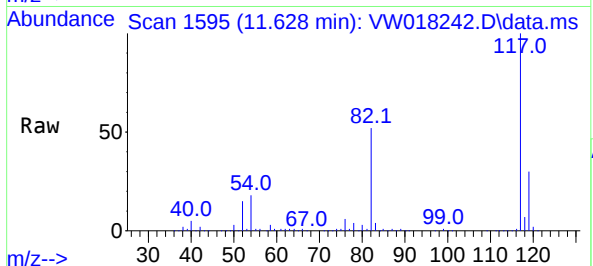
Tgt Ion: 95 Resp: 20139
Ion Ratio Lower Upper
95 100
174 84.1 0.0 159.4
176 81.8 0.0 150.0





#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.628 min Scan# 1595
Delta R.T. 0.000 min
Lab File: VW018242.D
Acq: 04 Mar 2021 11:13

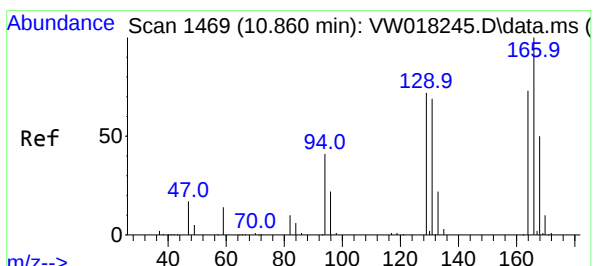
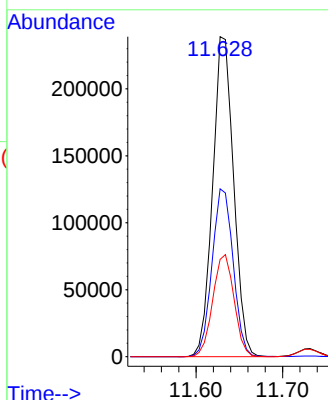
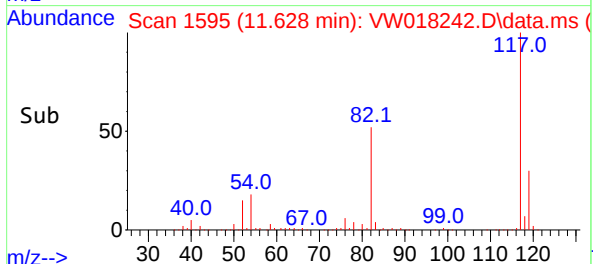
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005



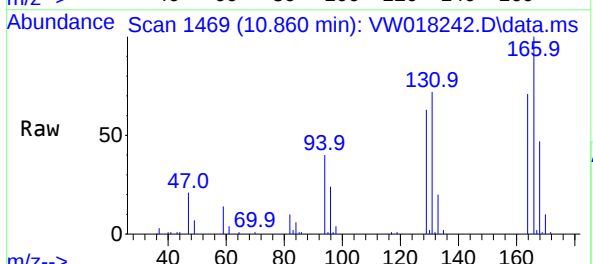
Tgt Ion:117 Resp: 402006
Ion Ratio Lower Upper
117 100
82 52.4 46.4 69.6
119 30.4 26.6 40.0

Manual Integrations
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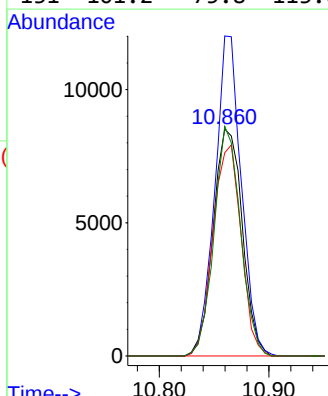
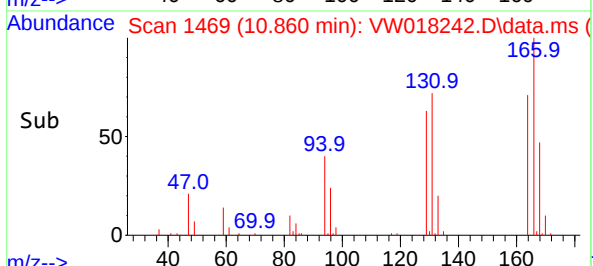
MMDadoda
3/5/2021 10:12:12 AM

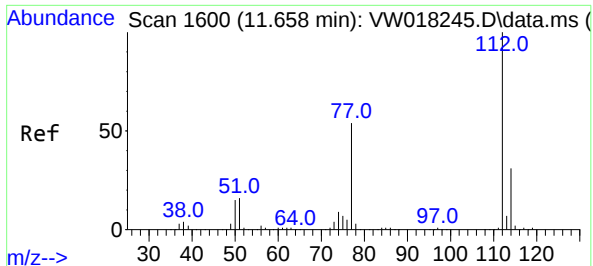


#64
Tetrachloroethene
Concen: 5.59 ug/l
RT: 10.860 min Scan# 1469
Delta R.T. 0.000 min
Lab File: VW018242.D
Acq: 04 Mar 2021 11:13



Tgt Ion:164 Resp: 15775
Ion Ratio Lower Upper
164 100
166 141.1 95.8 143.6
129 89.6 74.5 111.7
131 101.2 75.8 113.6





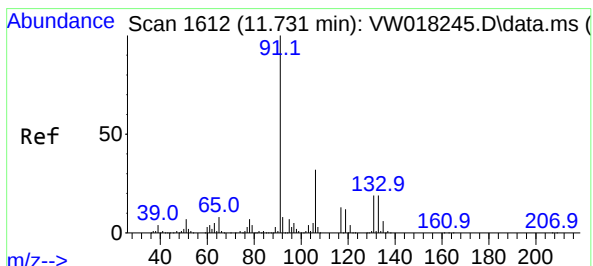
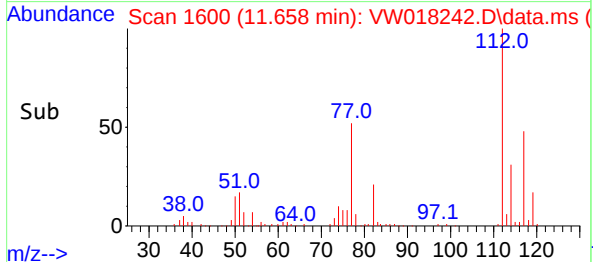
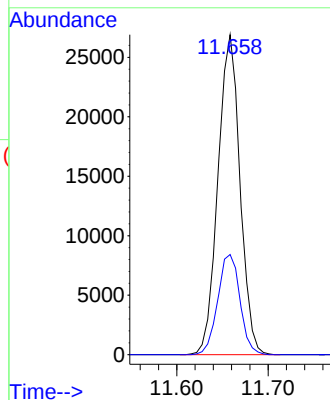
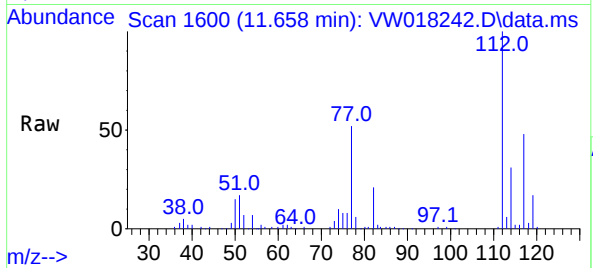
#65
Chlorobenzene
Concen: 5.08 ug/l
RT: 11.658 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VW018242.D
Acq: 04 Mar 2021 11:13

Tgt Ion:112 Resp: 45080
Ion Ratio Lower Upper
112 100
114 31.3 26.9 40.3

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

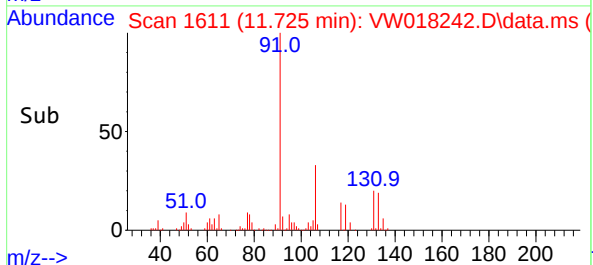
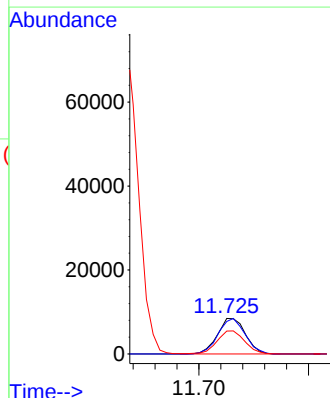
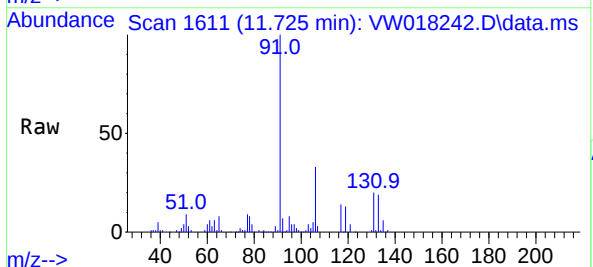
Manual Integrations
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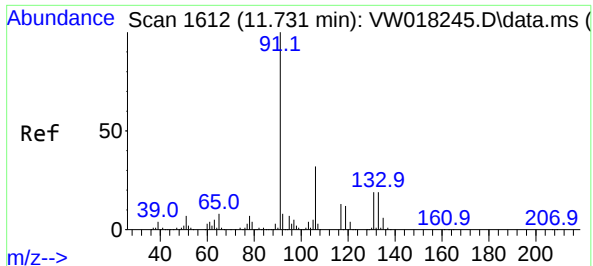
MMDadoda
3/5/2021 10:12:12 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 5.03 ug/l
RT: 11.725 min Scan# 1611
Delta R.T. -0.006 min
Lab File: VW018242.D
Acq: 04 Mar 2021 11:13

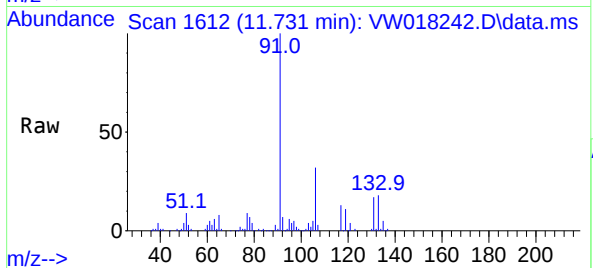
Tgt Ion:131 Resp: 14988
Ion Ratio Lower Upper
131 100
133 96.2 46.9 140.6
119 64.6 32.1 96.5





#67
Ethyl Benzene
Concen: 4.70 ug/l
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW018242.D
Acq: 04 Mar 2021 11:13

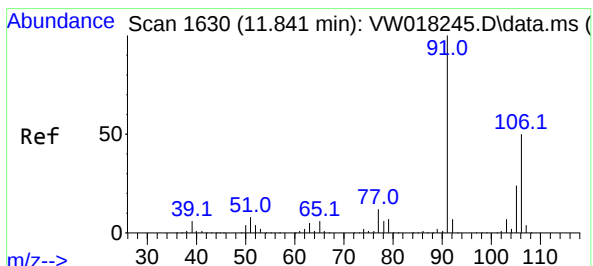
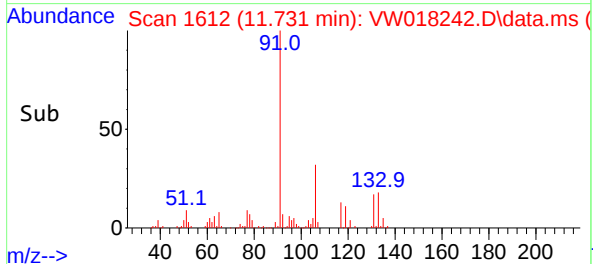
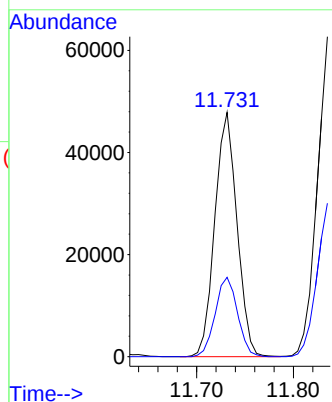
Instrument :
MSVOA_W
ClientSampled :
VSTDIC005



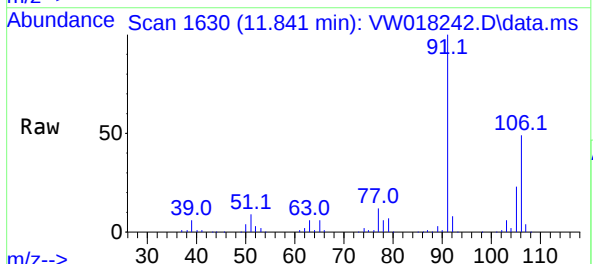
Tgt Ion: 91 Resp: 76063
Ion Ratio Lower Upper
91 100
106 32.5 25.0 37.4

Manual Integrations
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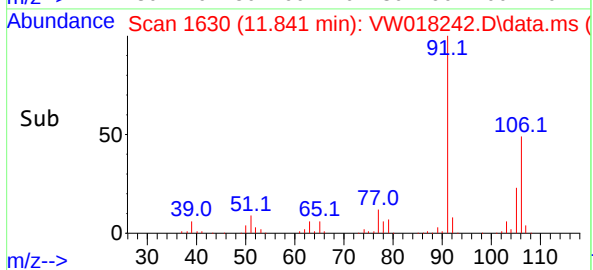
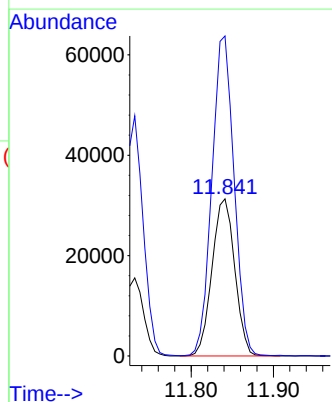
MMDadoda
3/5/2021 10:12:12 AM

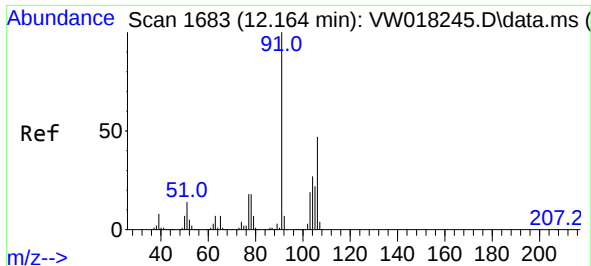


#68
m/p-Xylenes
Concen: 9.85 ug/l
RT: 11.841 min Scan# 1630
Delta R.T. 0.000 min
Lab File: VW018242.D
Acq: 04 Mar 2021 11:13



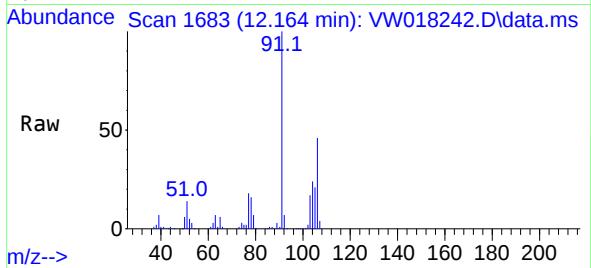
Tgt Ion:106 Resp: 60108
Ion Ratio Lower Upper
106 100
91 199.1 160.4 240.6





#69
o-Xylene
Concen: 4.79 ug/l
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW018242.D
Acq: 04 Mar 2021 11:13

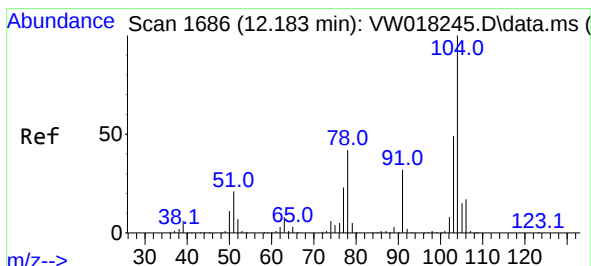
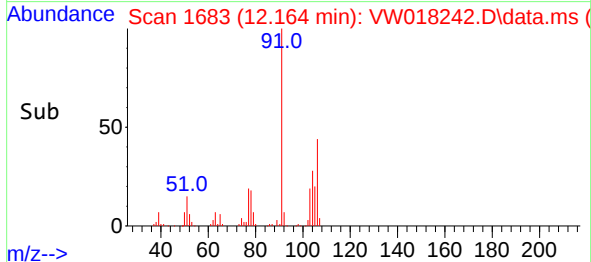
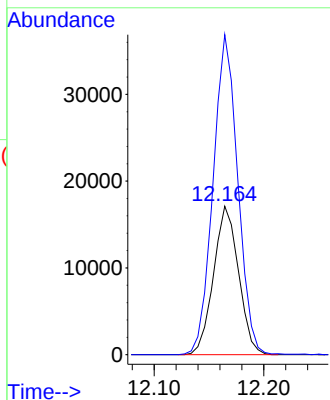
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005



Tgt Ion:106 Resp: 27064
Ion Ratio Lower Upper
106 100
91 213.7 106.1 318.3

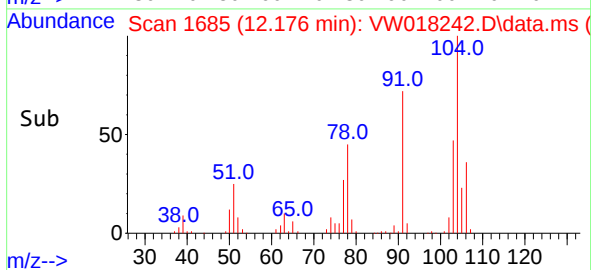
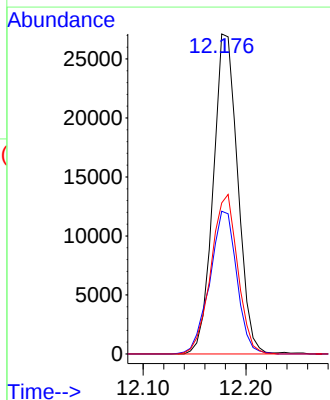
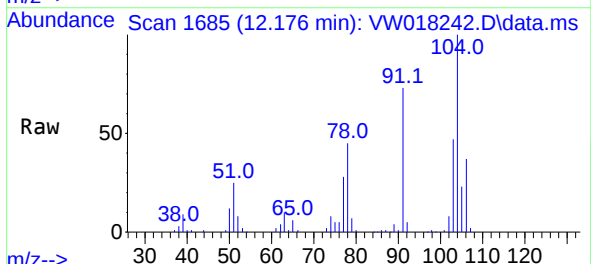
Manual Integrations
APPROVED

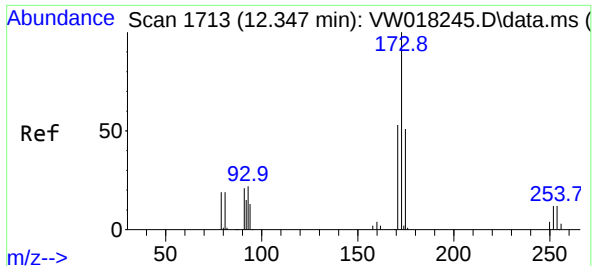
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3/5/2021 10:12:12 AM



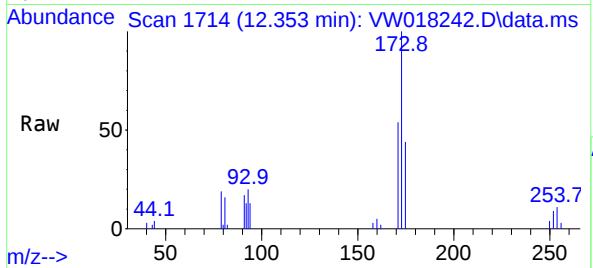
#70
Styrene
Concen: 4.74 ug/l
RT: 12.176 min Scan# 1685
Delta R.T. -0.006 min
Lab File: VW018242.D
Acq: 04 Mar 2021 11:13

Tgt Ion:104 Resp: 44868
Ion Ratio Lower Upper
104 100
78 49.1 41.0 61.4
103 54.3 43.9 65.9

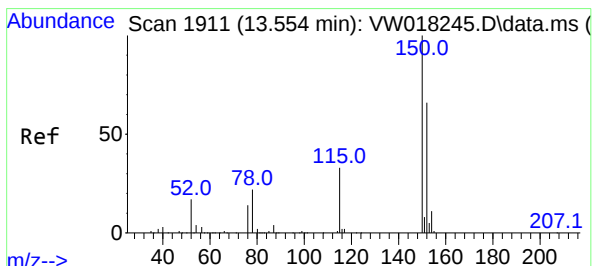
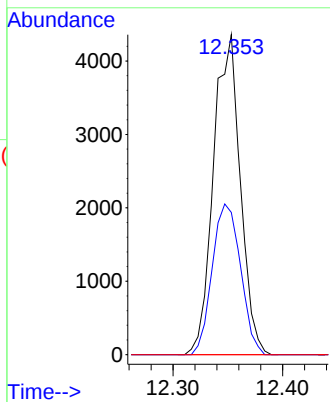
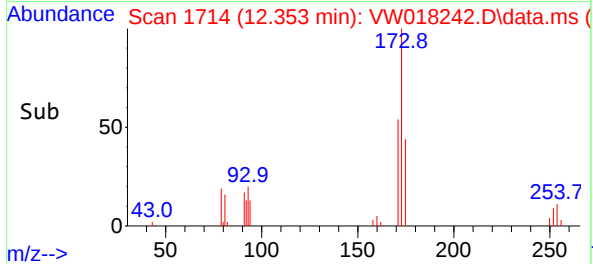




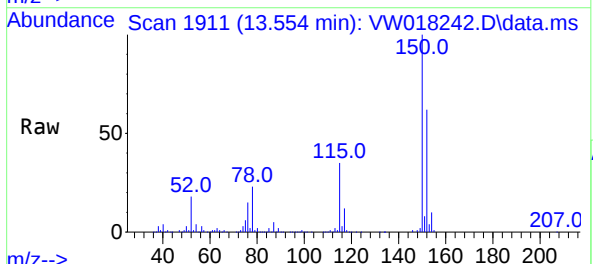
#71
Bromoform
Concen: 5.02 ug/l
RT: 12.353 min Scan# 1714
Delta R.T. 0.006 min
Lab File: VW018242.D
Acq: 04 Mar 2021 11:13



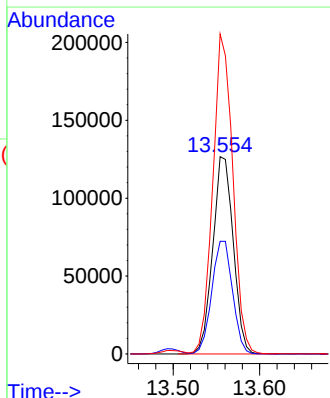
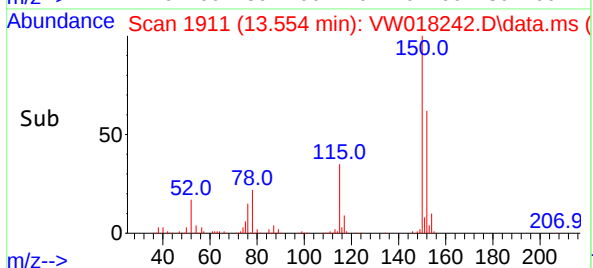
Tgt Ion:173 Resp: 7407
Ion Ratio Lower Upper
173 100
175 49.7 23.9 71.7
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.554 min Scan# 1911
Delta R.T. 0.000 min
Lab File: VW018242.D
Acq: 04 Mar 2021 11:13



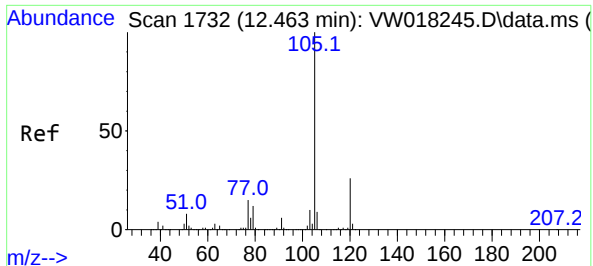
Tgt Ion:152 Resp: 208091
Ion Ratio Lower Upper
152 100
115 57.9 30.3 90.9
150 158.6 0.0 347.4



Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

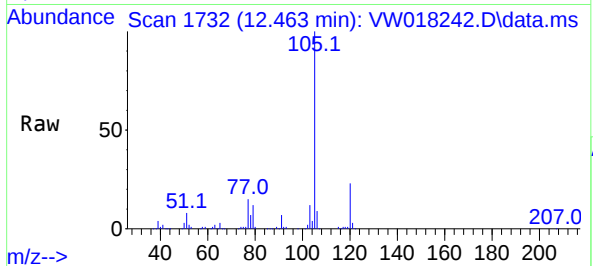
Manual Integrations
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3/5/2021 10:12:12 AM



#73
Isopropylbenzene
Concen: 4.61 ug/l
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW018242.D
Acq: 04 Mar 2021 11:13

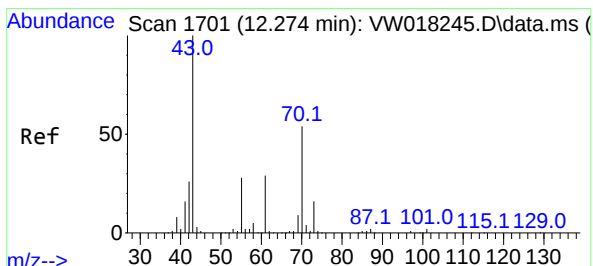
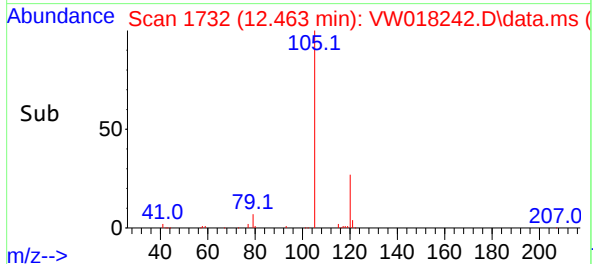
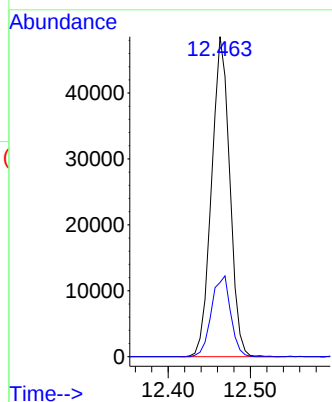
Instrument :
MSVOA_W
ClientSampled :
VSTDIC005



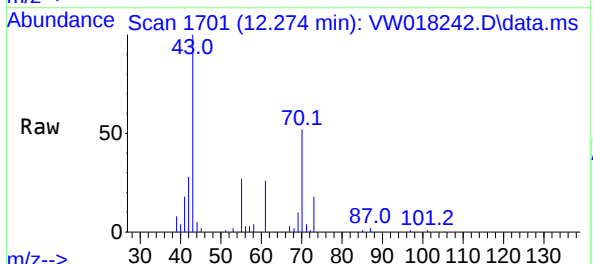
Tgt Ion:105 Resp: 74666
Ion Ratio Lower Upper
105 100
120 26.6 13.4 40.2

Manual Integrations
APPROVED

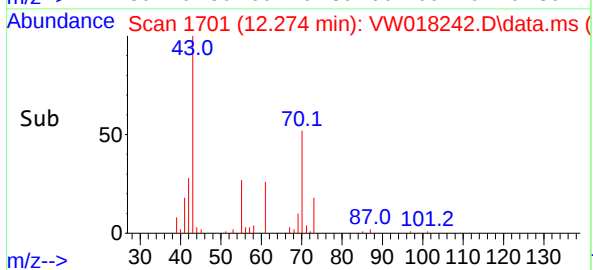
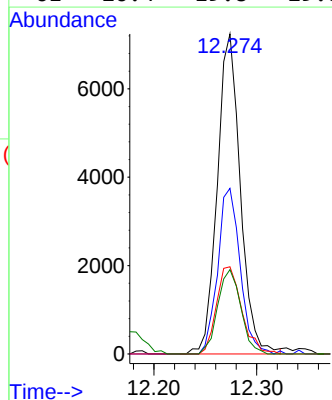
MMDadoda
3/5/2021 10:12:12 AM

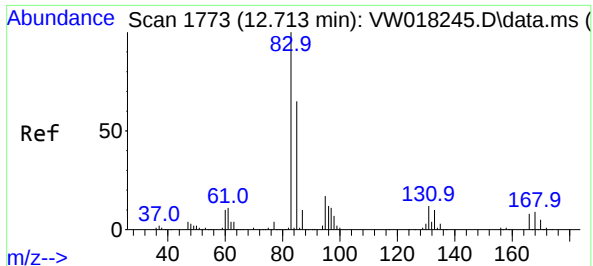


#74
N-ethyl acetate
Concen: 3.99 ug/l
RT: 12.274 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VW018242.D
Acq: 04 Mar 2021 11:13



Tgt Ion: 43 Resp: 11277
Ion Ratio Lower Upper
43 100
70 50.6 37.6 56.4
55 29.8 20.5 30.7
61 26.4 19.8 29.8





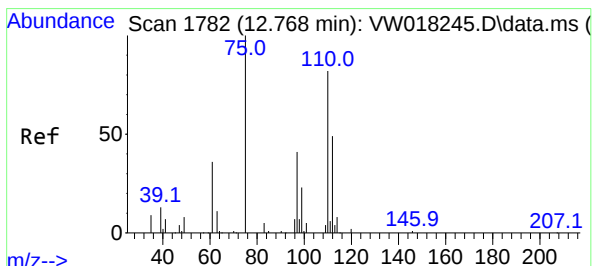
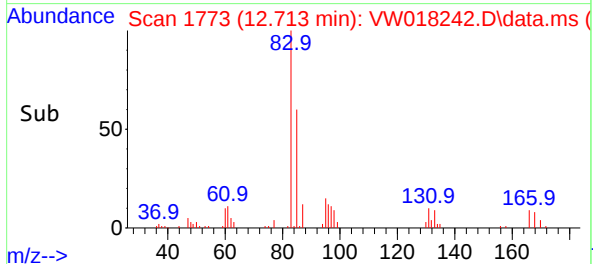
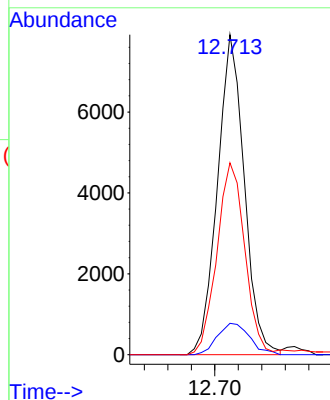
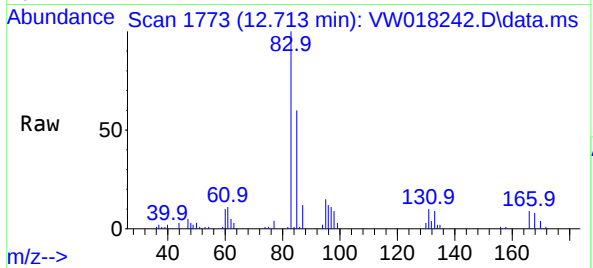
#75
1,1,2,2-Tetrachloroethane
Concen: 4.56 ug/l
RT: 12.713 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VW018242.D
Acq: 04 Mar 2021 11:13

Tgt Ion: 83 Resp: 12554
Ion Ratio Lower Upper
83 100
131 11.8 5.5 16.5
85 62.9 32.7 98.1

Instrument :
MSVOA_W
ClientSampled :
VSTDIC005

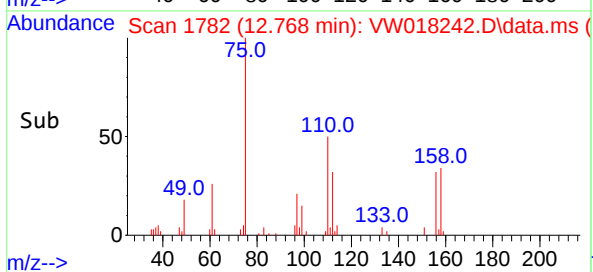
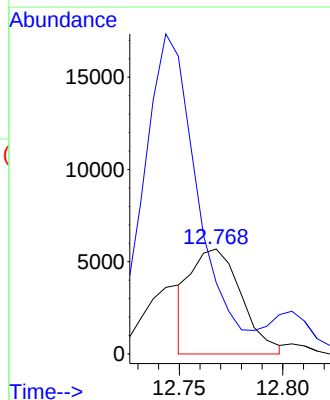
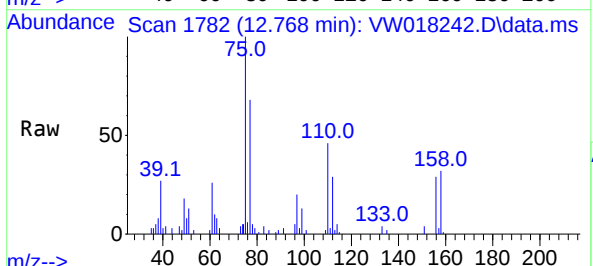
Manual Integrations
APPROVED

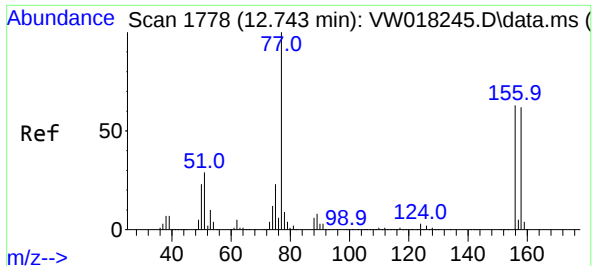
MMDadoda
3/5/2021 10:12:12 AM



#76
1,2,3-Trichloropropane
Concen: 5.11 ug/l m
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW018242.D
Acq: 04 Mar 2021 11:13

Tgt Ion: 75 Resp: 9590
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





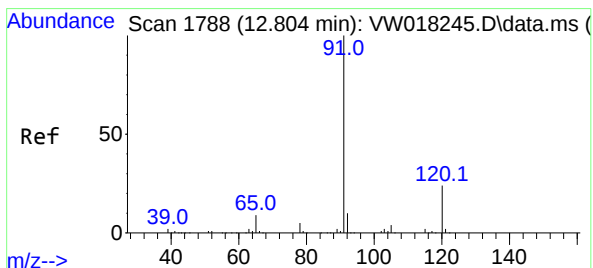
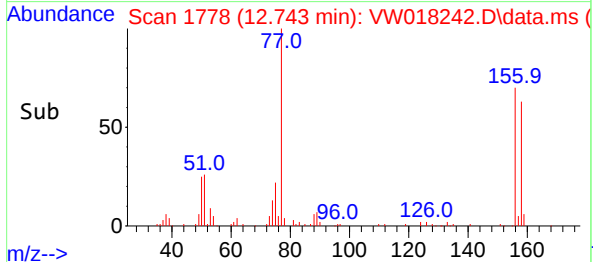
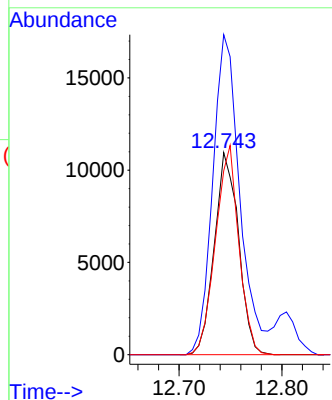
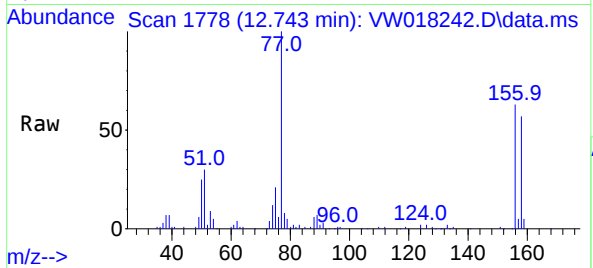
#77
Bromobenzene
Concen: 4.97 ug/l
RT: 12.743 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VW018242.D
Acq: 04 Mar 2021 11:13

Tgt Ion: 156 Resp: 17916
Ion Ratio Lower Upper
156 100
77 176.9 94.1 282.3
158 99.6 47.3 142.0

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

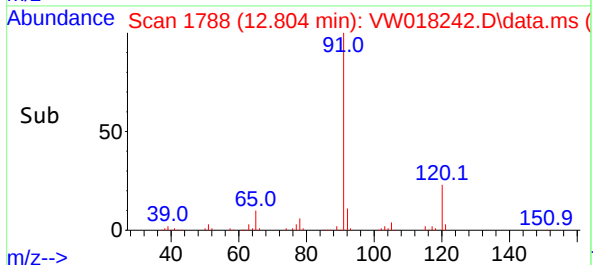
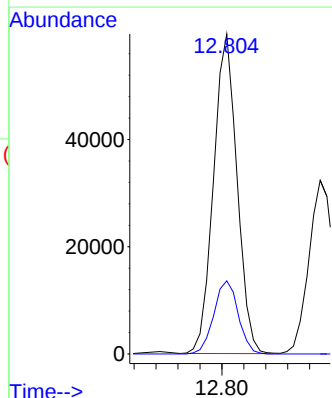
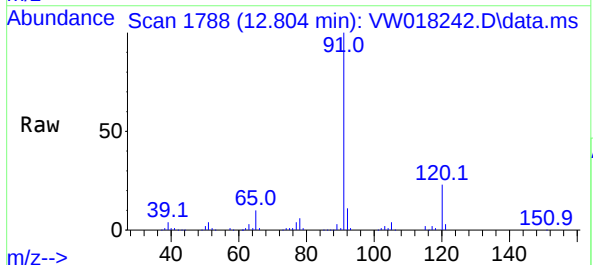
Manual Integrations
APPROVED

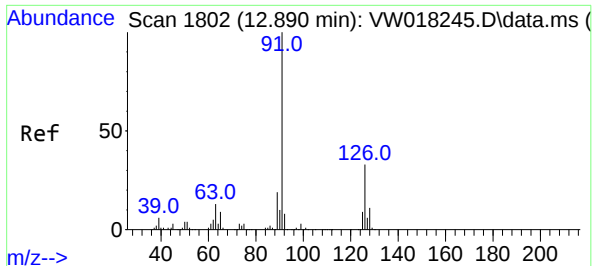
MMDadoda
3/5/2021 10:12:12 AM



#78
n-propylbenzene
Concen: 4.55 ug/l
RT: 12.804 min Scan# 1788
Delta R.T. 0.000 min
Lab File: VW018242.D
Acq: 04 Mar 2021 11:13

Tgt Ion: 91 Resp: 88789
Ion Ratio Lower Upper
91 100
120 23.6 11.5 34.5





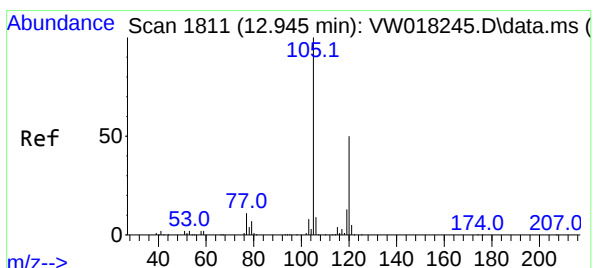
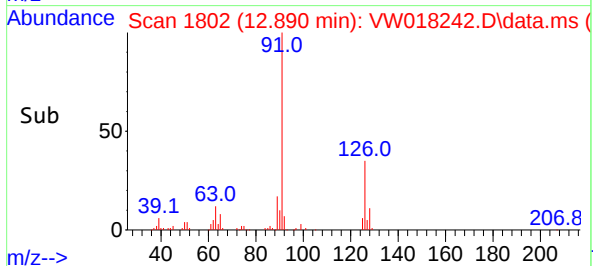
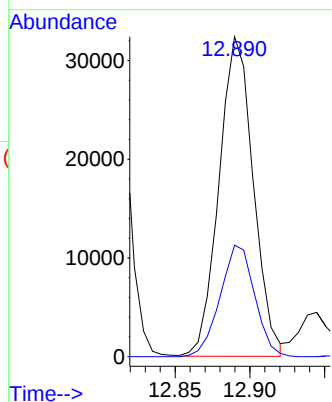
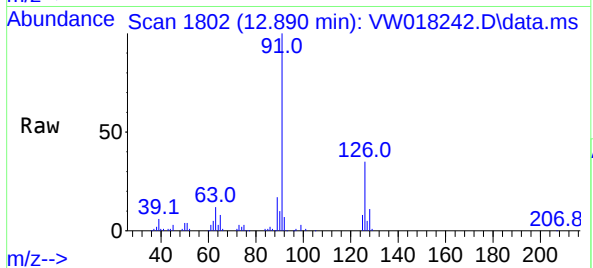
#79
2-Chlorotoluene
Concen: 4.80 ug/l
RT: 12.890 min Scan# 1802
Delta R.T. 0.000 min
Lab File: VW018242.D
Acq: 04 Mar 2021 11:13

Tgt Ion: 91 Resp: 51537
Ion Ratio Lower Upper
91 100
126 35.2 17.1 51.3

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

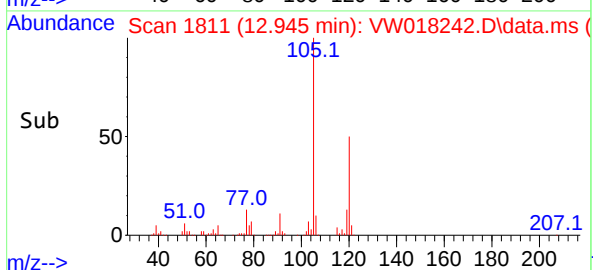
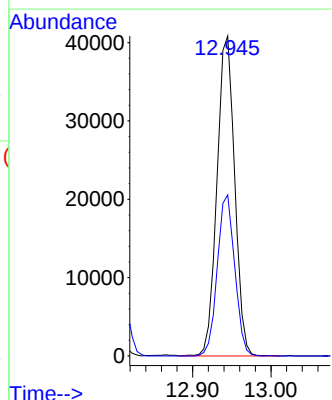
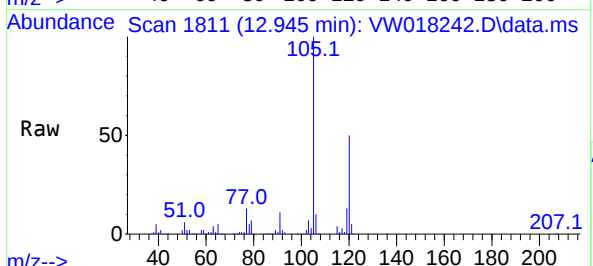
Manual Integrations
APPROVED

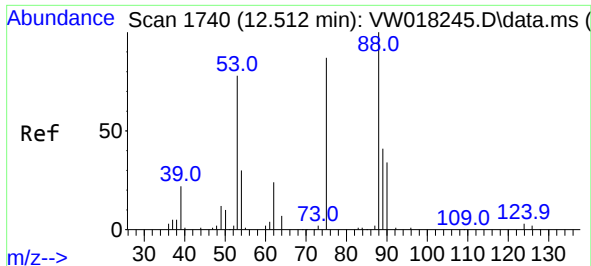
MMDadoda
3/5/2021 10:12:12 AM



#80
1,3,5-Trimethylbenzene
Concen: 4.74 ug/l
RT: 12.945 min Scan# 1811
Delta R.T. 0.000 min
Lab File: VW018242.D
Acq: 04 Mar 2021 11:13

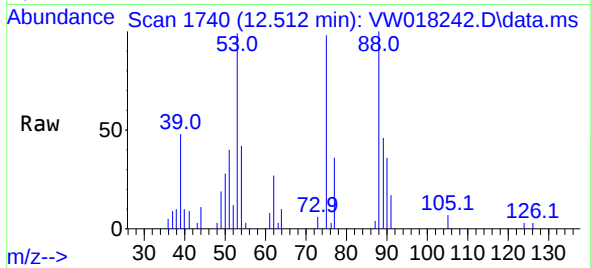
Tgt Ion: 105 Resp: 64200
Ion Ratio Lower Upper
105 100
120 49.6 24.9 74.8





#81
trans-1,4-Dichloro-2-butene
Concen: 4.45 ug/l
RT: 12.512 min Scan# 1740
Delta R.T. 0.000 min
Lab File: VW018242.D
Acq: 04 Mar 2021 11:13

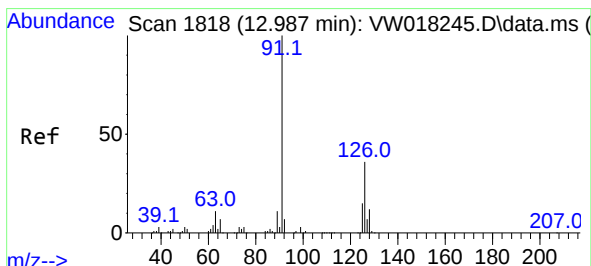
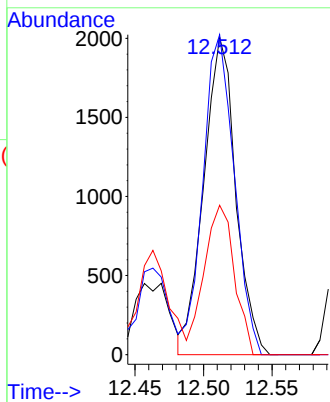
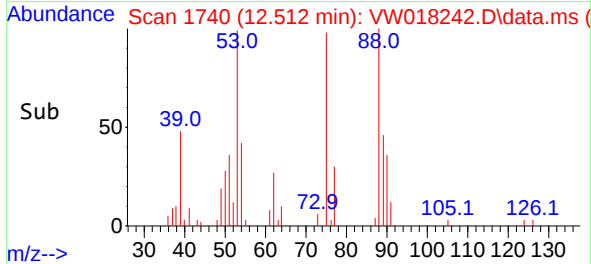
Instrument :
MSVOA_W
ClientSampled :
VSTDIC005



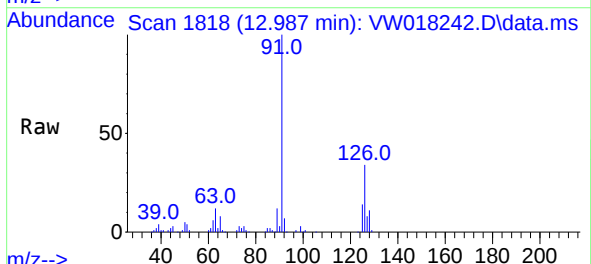
Tgt Ion: 75 Resp: 3246
Ion Ratio Lower Upper
75 100
53 99.1 80.6 121.0
89 44.4 38.4 57.6

Manual Integrations
APPROVED

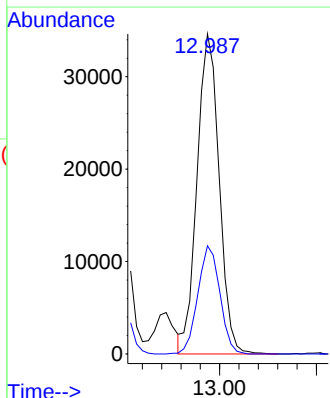
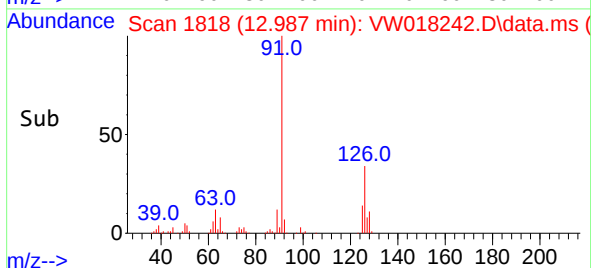
MMDadoda
3/5/2021 10:12:12 AM

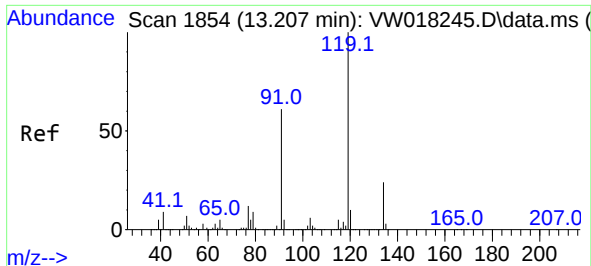


#82
4-Chlorotoluene
Concen: 4.82 ug/l
RT: 12.987 min Scan# 1818
Delta R.T. 0.000 min
Lab File: VW018242.D
Acq: 04 Mar 2021 11:13



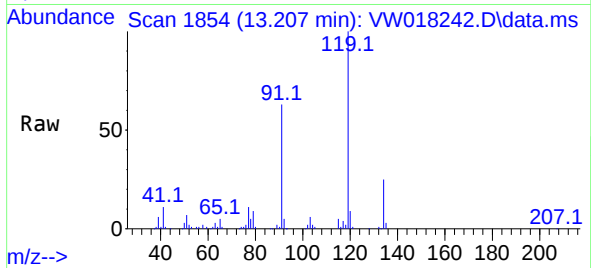
Tgt Ion: 91 Resp: 55057
Ion Ratio Lower Upper
91 100
126 33.7 17.0 51.0





#83
tert-Butylbenzene
Concen: 4.90 ug/l
RT: 13.207 min Scan# 1854
Delta R.T. 0.000 min
Lab File: VW018242.D
Acq: 04 Mar 2021 11:13

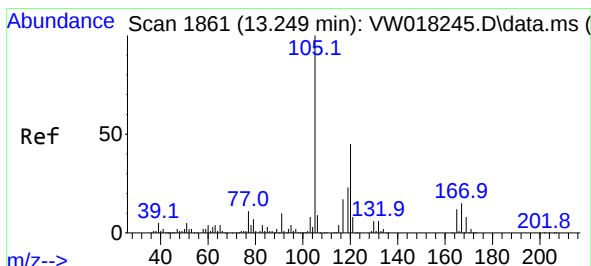
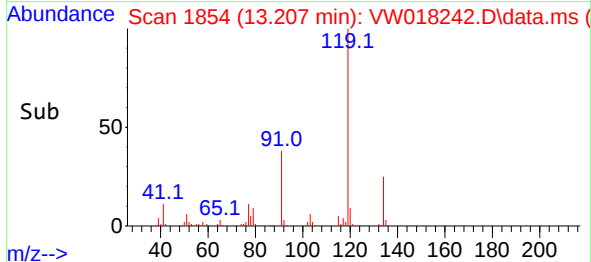
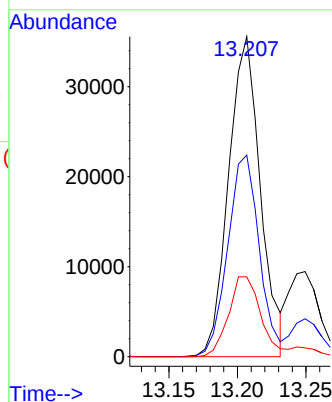
Instrument :
MSVOA_W
ClientSampled :
VSTDIC005



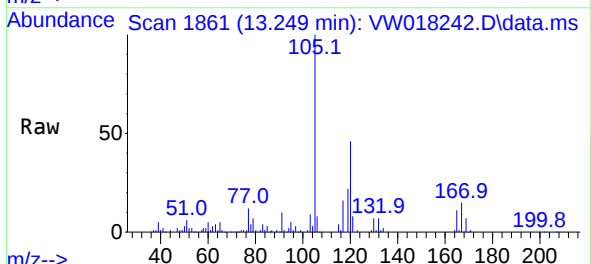
Tgt Ion:119 Resp: 57447
Ion Ratio Lower Upper
119 100
91 62.4 33.6 100.6
134 25.6 12.8 38.3

Manual Integrations
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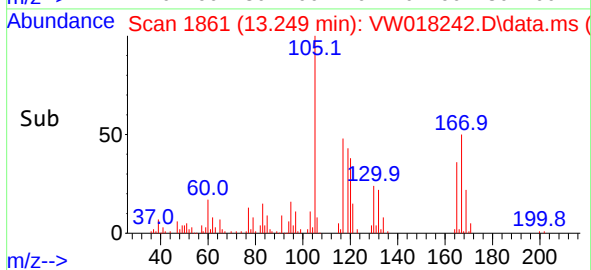
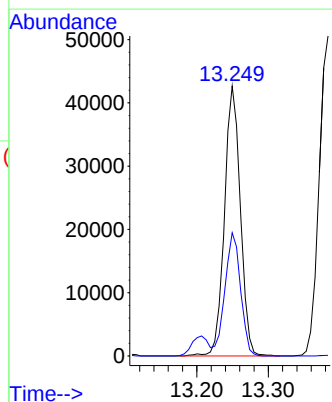
MMDadoda
3/5/2021 10:12:12 AM

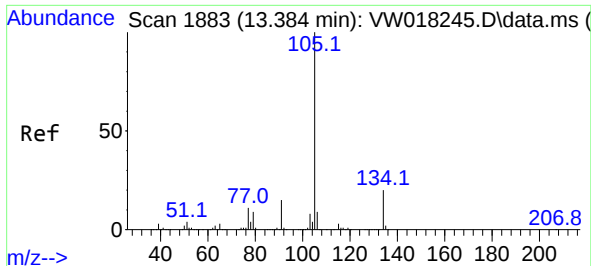


#84
1,2,4-Trimethylbenzene
Concen: 4.79 ug/l
RT: 13.249 min Scan# 1861
Delta R.T. 0.000 min
Lab File: VW018242.D
Acq: 04 Mar 2021 11:13



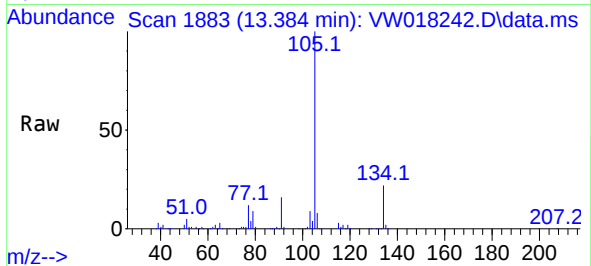
Tgt Ion:105 Resp: 65842
Ion Ratio Lower Upper
105 100
120 45.0 22.2 66.6





#85
sec-Butylbenzene
Concen: 4.68 ug/l
RT: 13.384 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VW018242.D
Acq: 04 Mar 2021 11:13

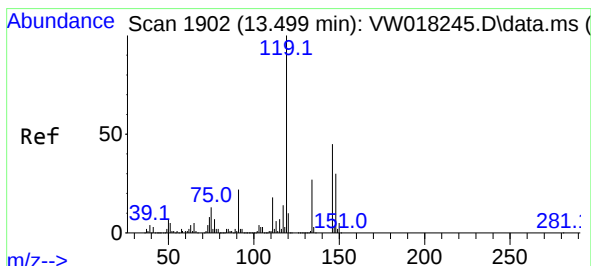
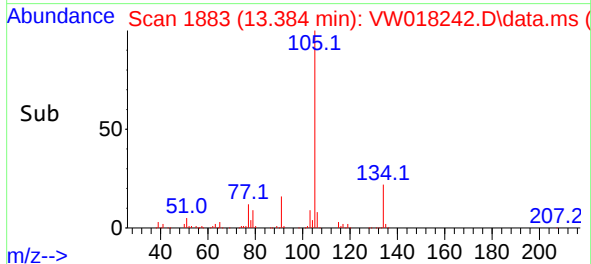
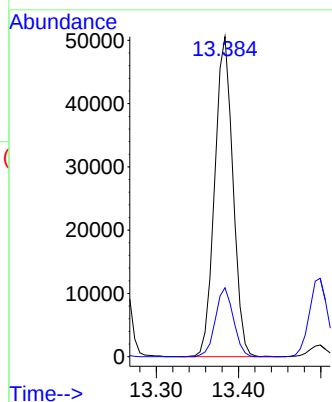
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005



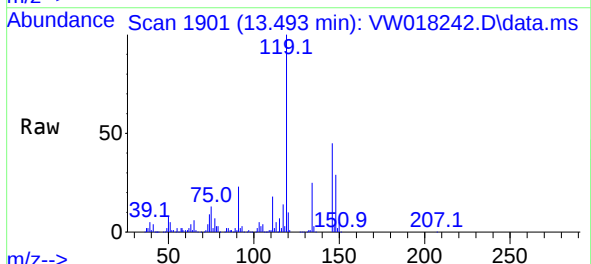
Tgt Ion:105 Resp: 77583
Ion Ratio Lower Upper
105 100
134 21.3 10.0 29.8

Manual Integrations
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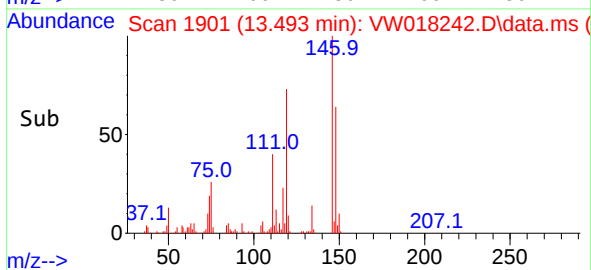
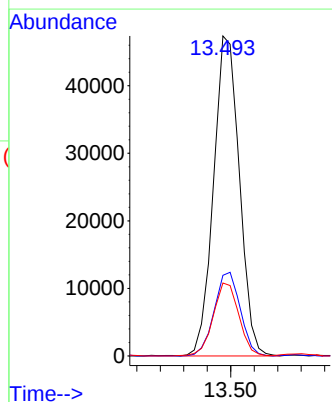
MMDadoda
3/5/2021 10:12:12 AM

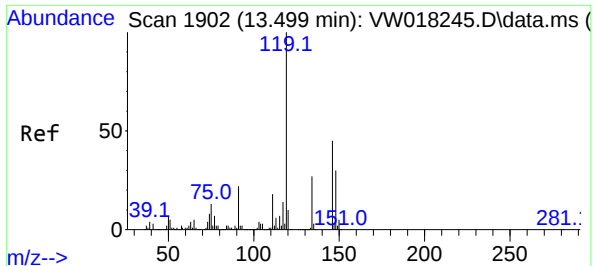


#86
p-Isopropyltoluene
Concen: 4.78 ug/l
RT: 13.493 min Scan# 1901
Delta R.T. -0.006 min
Lab File: VW018242.D
Acq: 04 Mar 2021 11:13



Tgt Ion:119 Resp: 72417
Ion Ratio Lower Upper
119 100
134 26.3 12.8 38.3
91 22.7 12.0 36.0





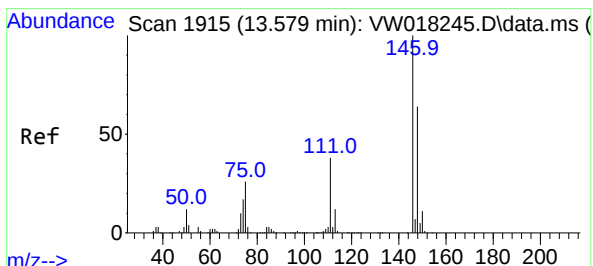
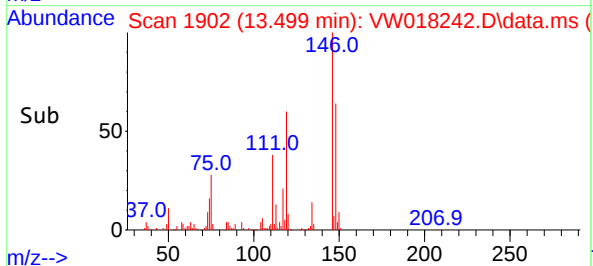
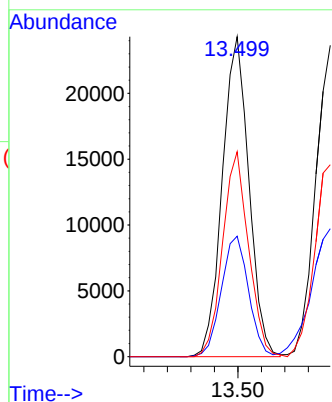
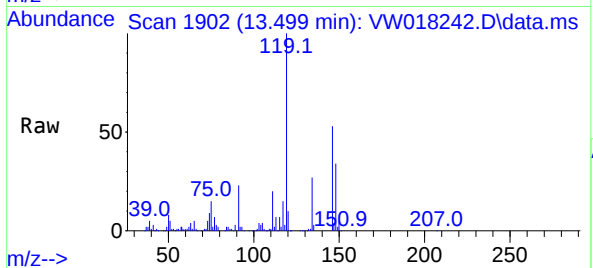
#87
1,3-Dichlorobenzene
Concen: 5.33 ug/l
RT: 13.499 min Scan# 1902
Delta R.T. 0.000 min
Lab File: VW018242.D
Acq: 04 Mar 2021 11:13

Tgt Ion:	146	Resp:	38189
Ion	Ratio	Lower	Upper
146	100		
111	38.5	21.3	64.0
148	62.5	30.4	91.2

Instrument :
MSVOA_W
ClientSampled :
VSTDIC005

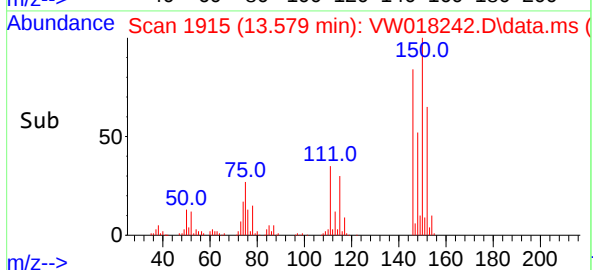
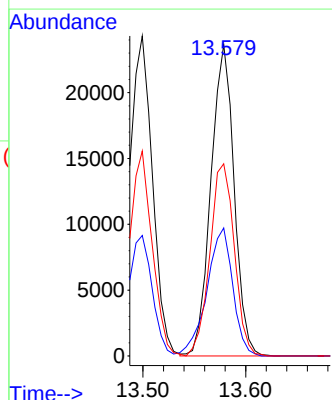
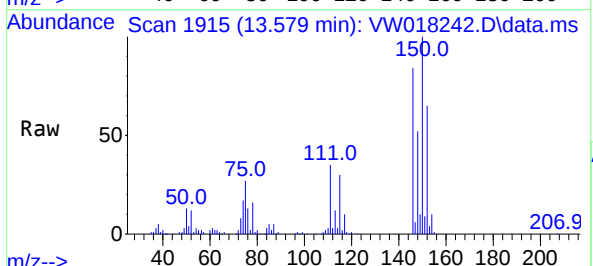
Manual Integrations
APPROVED

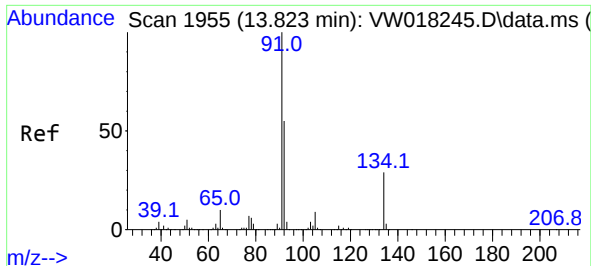
MMDadoda
3/5/2021 10:12:12 AM



#88
1,4-Dichlorobenzene
Concen: 5.20 ug/l
RT: 13.579 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VW018242.D
Acq: 04 Mar 2021 11:13

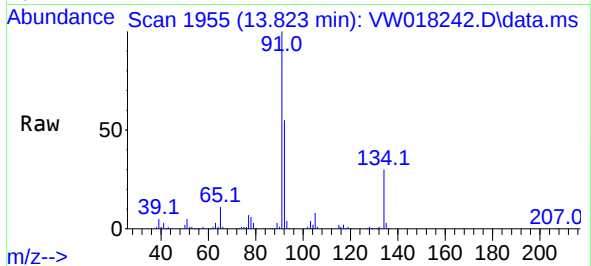
Tgt Ion:	146	Resp:	37049
Ion	Ratio	Lower	Upper
146	100		
111	45.9	19.8	59.4
148	65.1	32.6	97.8





#89
n-Butylbenzene
Concen: 4.45 ug/l
RT: 13.823 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VW018242.D
Acq: 04 Mar 2021 11:13

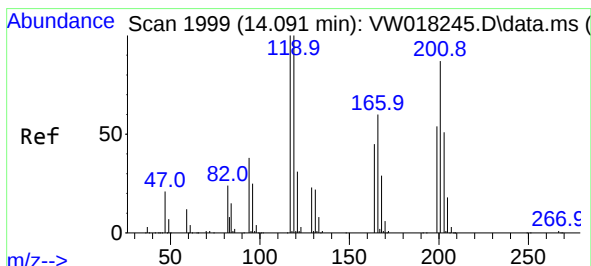
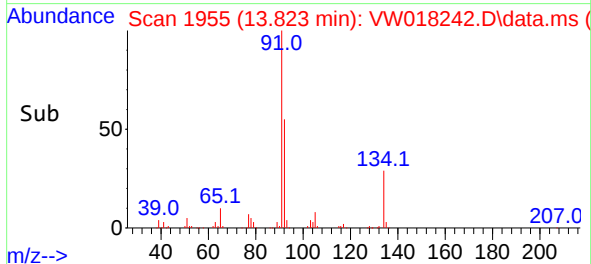
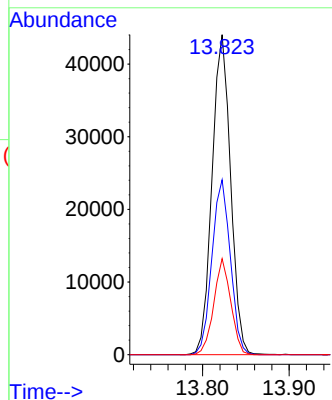
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005



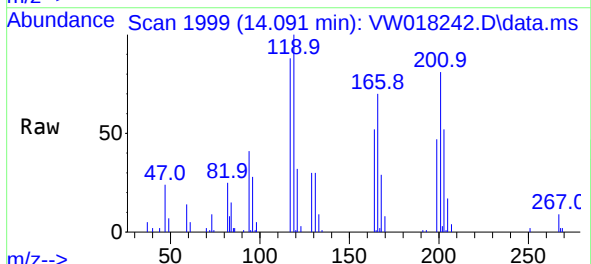
Tgt Ion: 91	Resp: 65534
Ion Ratio	Lower Upper
91 100	
92 54.2	26.8 80.4
134 27.5	13.1 39.3

Manual Integrations
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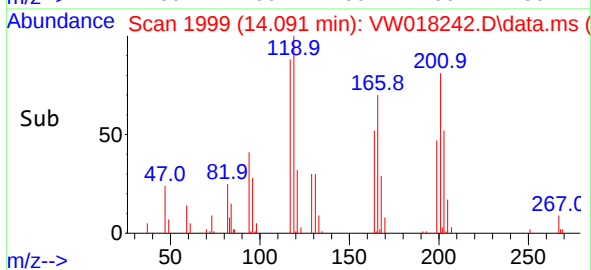
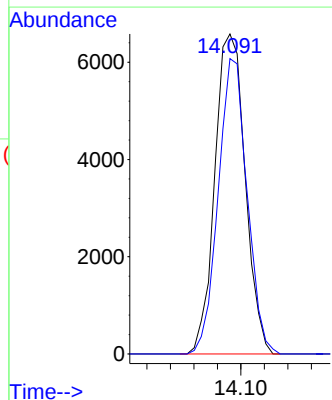
MMDadoda
3/5/2021 10:12:12 AM

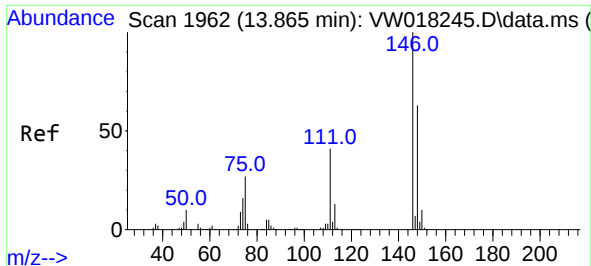


#90
Hexachloroethane
Concen: 4.56 ug/l
RT: 14.091 min Scan# 1999
Delta R.T. 0.000 min
Lab File: VW018242.D
Acq: 04 Mar 2021 11:13



Tgt Ion: 117	Resp: 11789
Ion Ratio	Lower Upper
117 100	
201 87.9	32.0 96.2





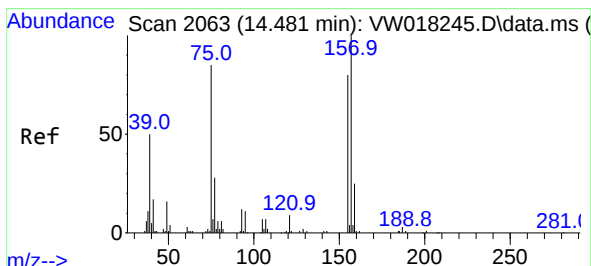
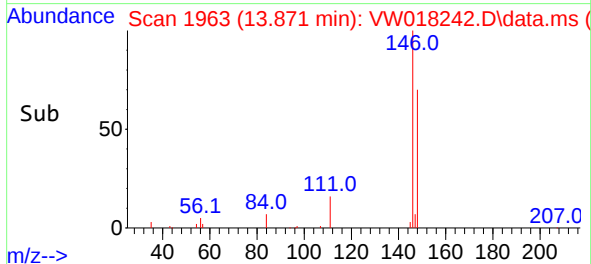
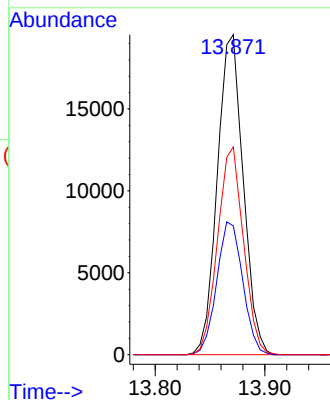
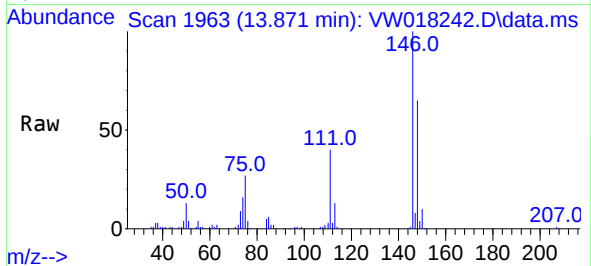
#91
1,2-Dichlorobenzene
Concen: 5.13 ug/l
RT: 13.871 min Scan# 1963
Delta R.T. 0.006 min
Lab File: VW018242.D
Acq: 04 Mar 2021 11:13

Tgt Ion: 146 Resp: 32083
Ion Ratio Lower Upper
146 100
111 41.7 21.3 64.0
148 64.9 31.7 95.1

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

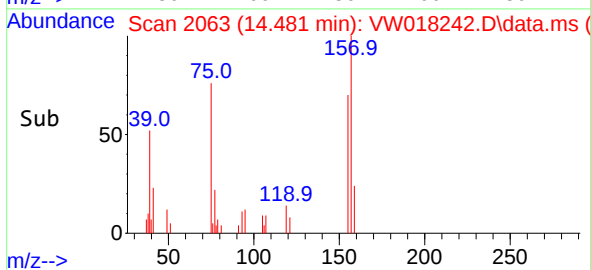
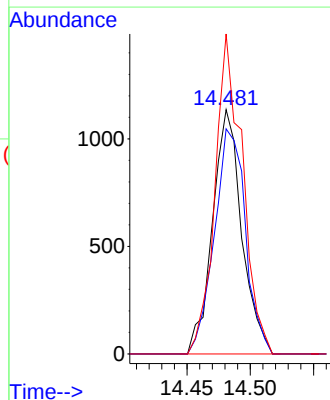
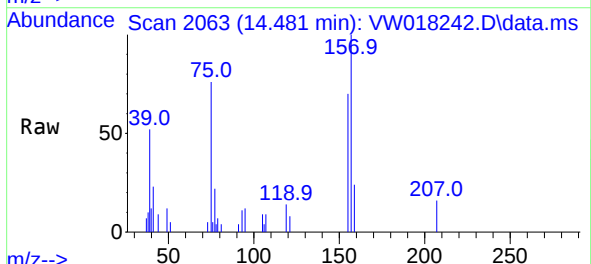
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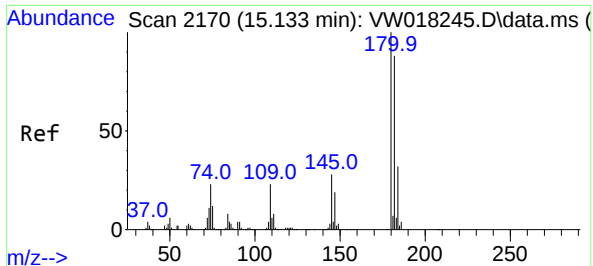
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#92
1,2-Dibromo-3-Chloropropane
Concen: 3.94 ug/l
RT: 14.481 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VW018242.D
Acq: 04 Mar 2021 11:13

Tgt Ion: 75 Resp: 1815
Ion Ratio Lower Upper
75 100
155 98.2 40.3 120.8
157 123.4 52.8 158.4





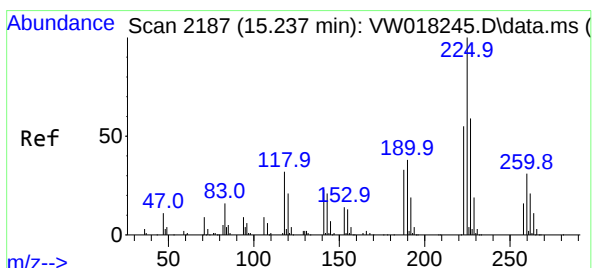
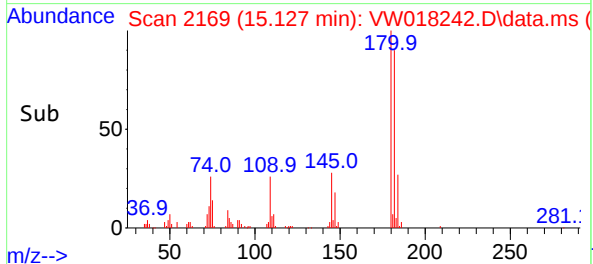
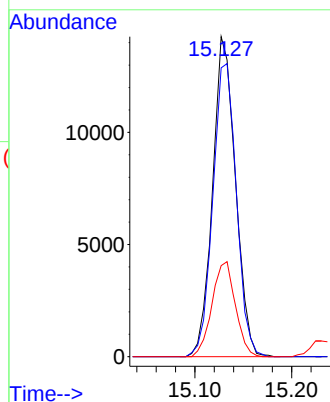
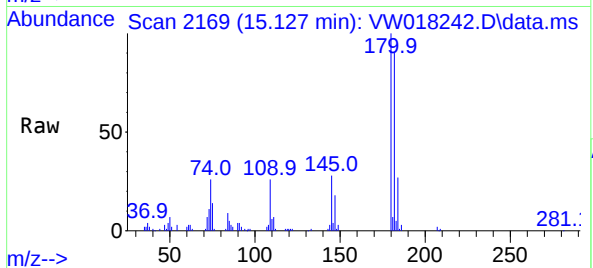
#93
1,2,4-Trichlorobenzene
Concen: 5.56 ug/l
RT: 15.127 min Scan# 2169
Delta R.T. -0.006 min
Lab File: VW018242.D
Acq: 04 Mar 2021 11:13

Tgt Ion:	180	Resp:	23376
Ion Ratio	Lower	Upper	
180	100		
182	94.5	47.1	141.4
145	30.5	16.9	50.6

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

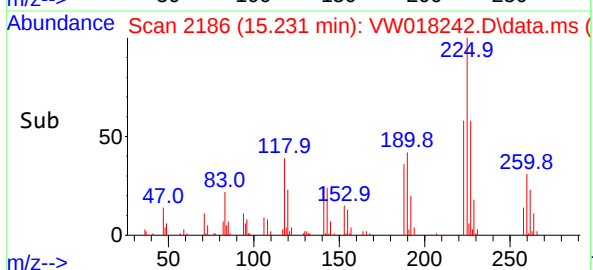
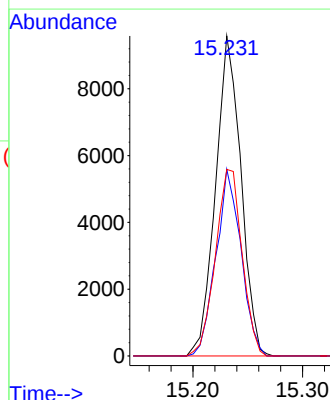
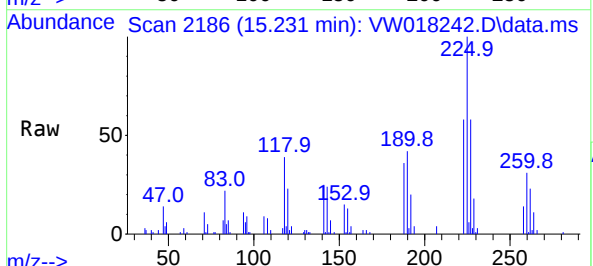
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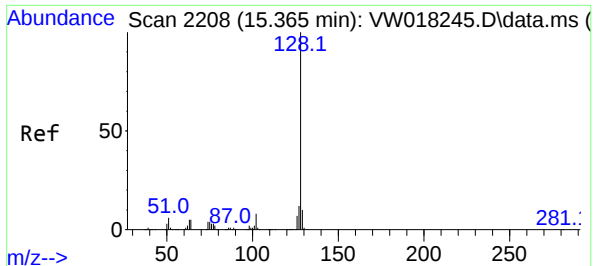
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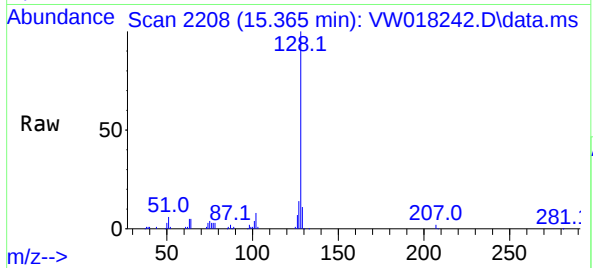
#94
Hexachlorobutadiene
Concen: 6.44 ug/l
RT: 15.231 min Scan# 2186
Delta R.T. -0.006 min
Lab File: VW018242.D
Acq: 04 Mar 2021 11:13

Tgt Ion:	225	Resp:	15429
Ion Ratio	Lower	Upper	
225	100		
223	57.6	32.4	97.0
227	61.3	31.6	94.8

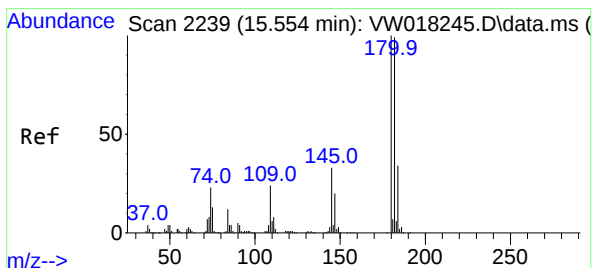
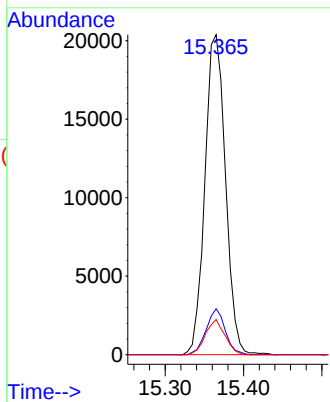
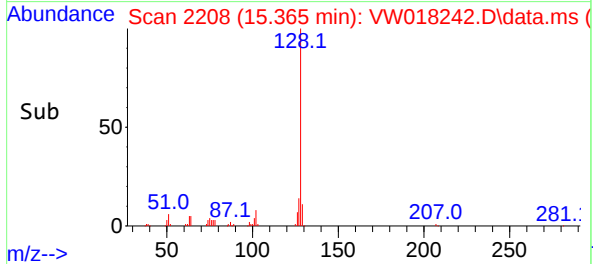




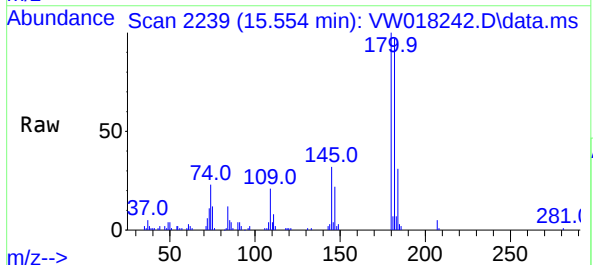
#95
Naphthalene
Concen: 4.65 ug/l
RT: 15.365 min Scan# 2208
Delta R.T. 0.000 min
Lab File: VW018242.D
Acq: 04 Mar 2021 11:13



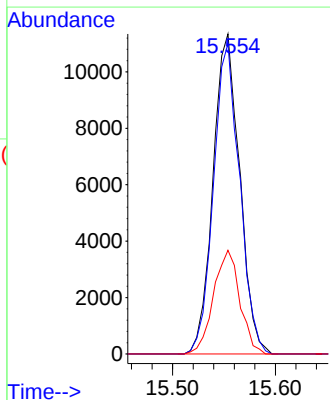
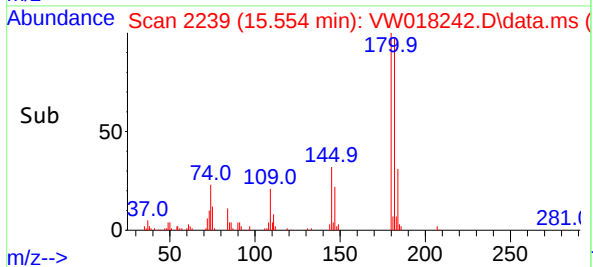
Tgt Ion:	128	Resp:	37128
Ion Ratio	Lower	Upper	
128	100		
127	13.3	10.8	16.2
129	10.4	8.7	13.1



#96
1,2,3-Trichlorobenzene
Concen: 5.60 ug/l
RT: 15.554 min Scan# 2239
Delta R.T. 0.000 min
Lab File: VW018242.D
Acq: 04 Mar 2021 11:13



Tgt Ion:	180	Resp:	20378
Ion Ratio	Lower	Upper	
180	100		
182	95.1	47.9	143.8
145	32.0	17.3	51.9



Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

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