

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102522\
 Data File : VD074637.D
 Acq On : 25 Oct 2022 17:17
 Operator : VA/SY
 Sample : N5267-16
 Misc : 5.03G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP6-1024

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 10/31/2022
 Supervised By :Mahesh Dadoda 10/31/2022

Quant Time: Oct 27 01:22:29 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101922S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 20 06:41:20 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	148948	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	276394	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	243080	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	94952	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	56230	49.446	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	98.900%		
35) Dibromofluoromethane	7.810	113	66560	43.318	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	86.640%		
50) Toluene-d8	10.269	98	222460	40.213	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	80.420%		
62) 4-Bromofluorobenzene	12.569	95	77806	48.844	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	97.680%		
Target Compounds						Qvalue
16) Acetone	4.022	43	5061	20.380	ug/l	99
39) Methylcyclohexane	9.275	83	9251	3.118	ug/l	96
73) Isopropylbenzene	12.416	105	41279	5.574	ug/l	98
78) n-propylbenzene	12.763	91	80262	9.171	ug/l	100
80) 1,3,5-Trimethylbenzene	12.898	105	6845	1.139	ug/l	96
83) tert-Butylbenzene	13.169	119	14572	2.717	ug/l	90
84) 1,2,4-Trimethylbenzene	13.210	105	24827	4.197	ug/l	100
85) sec-Butylbenzene	13.345	105	132101	16.416	ug/l	79
86) p-Isopropyltoluene	13.457	119	8494m	1.260	ug/l	
89) n-Butylbenzene	13.786	91	90864	14.794	ug/l #	74

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

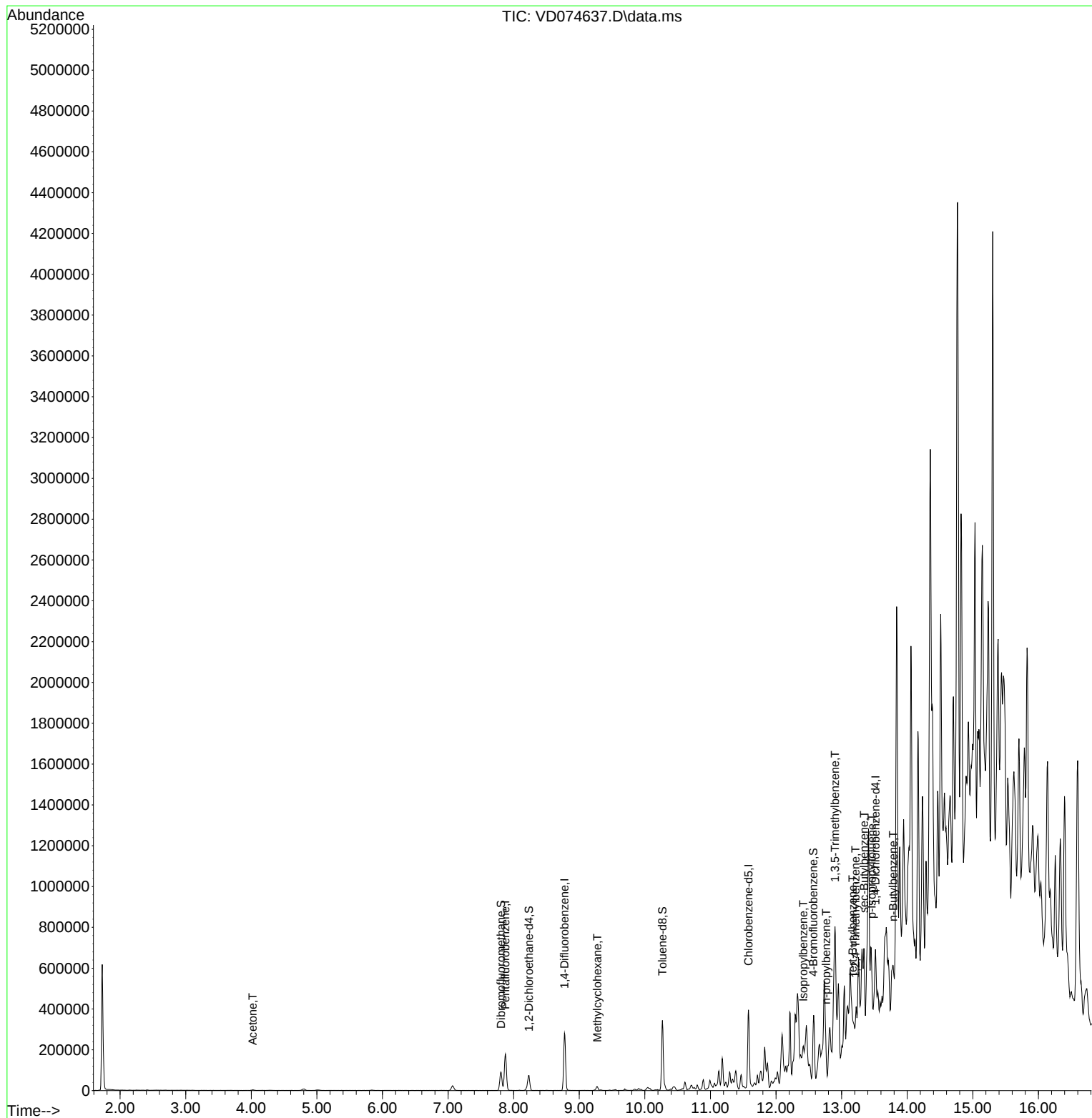
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102522\
Data File : VD074637.D
Acq On : 25 Oct 2022 17:17
Operator : VA/SY
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Misc : 5.03G/5.00ml/MSVOA_D/SOIL
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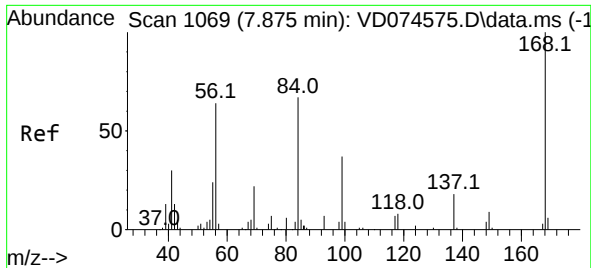
Instrument :
MSVOA_D
ClientSampleId :
TP6-1024

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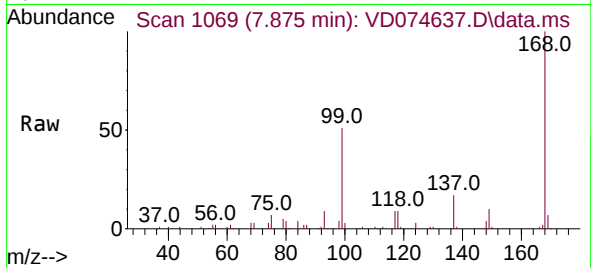
Quant Time: Oct 27 01:22:29 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101922S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 20 06:41:20 2022
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD074637.D
Acq: 25 Oct 2022 17:17

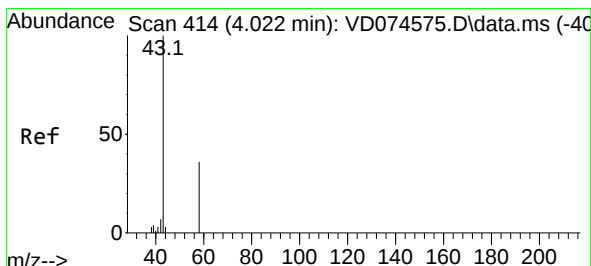
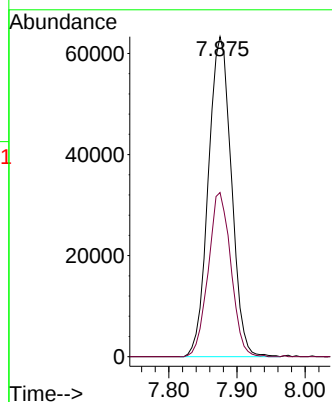
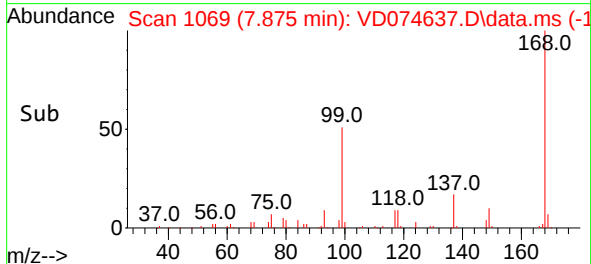
Instrument :
MSVOA_D
ClientSampleId :
TP6-1024



Tgt Ion:168 Resp: 148948
Ion Ratio Lower Upper
168 100
99 51.3 40.9 61.3

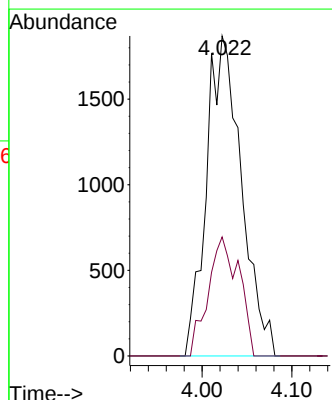
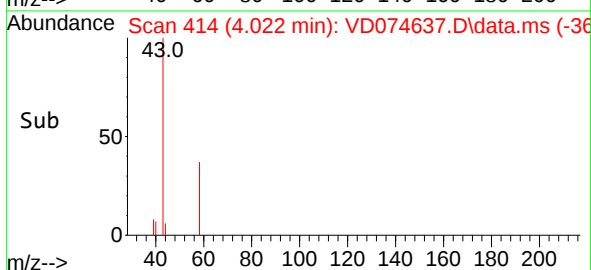
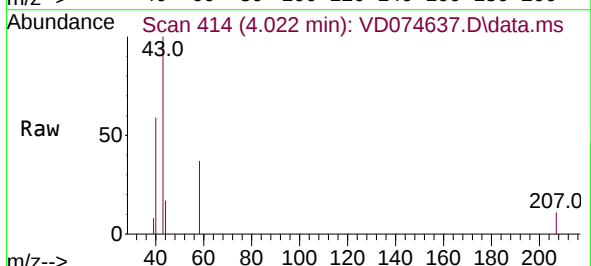
Manual Integrations
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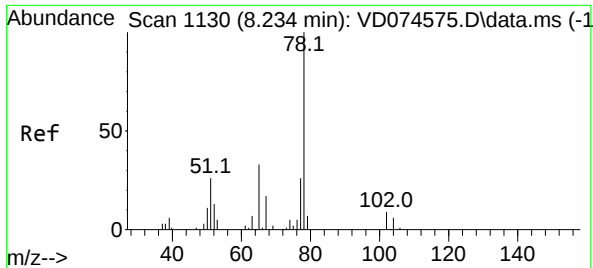
Reviewed By :Krupa Patel 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022



#16
Acetone
Concen: 20.380 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD074637.D
Acq: 25 Oct 2022 17:17

Tgt Ion: 43 Resp: 5061
Ion Ratio Lower Upper
43 100
58 37.2 30.2 45.2





#33

1,2-Dichloroethane-d4

Concen: 49.446 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VD074637.D

Acq: 25 Oct 2022 17:17

Instrument :

MSVOA_D

ClientSampleId :

TP6-1024

Tgt Ion: 65 Resp: 56230

Ion Ratio Lower Upper

65 100

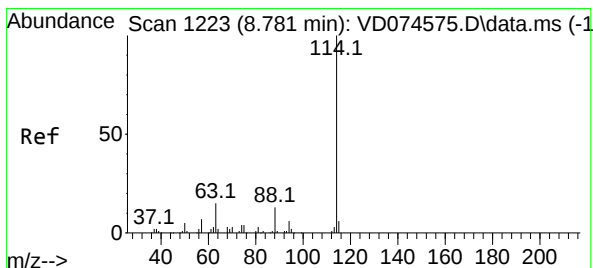
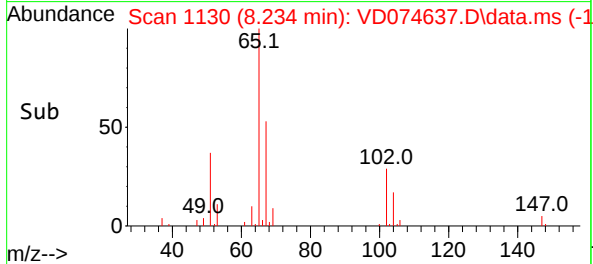
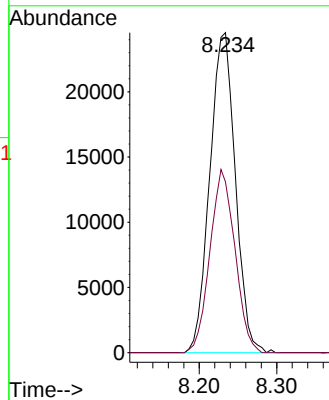
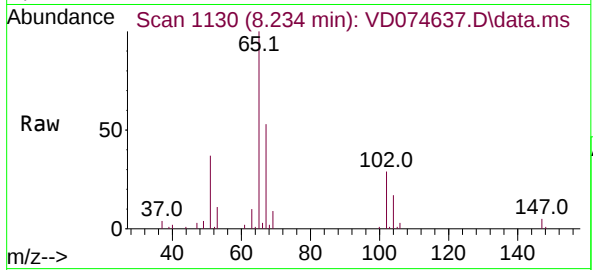
67 56.0 0.0 110.2

Manual Integrations

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. -0.000 min

Lab File: VD074637.D

Acq: 25 Oct 2022 17:17

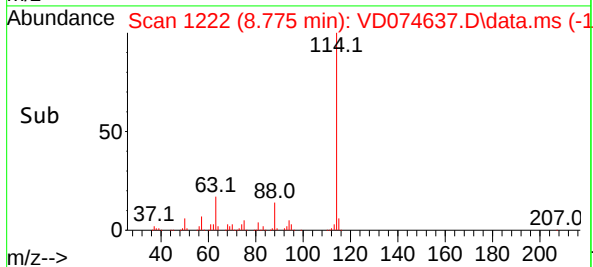
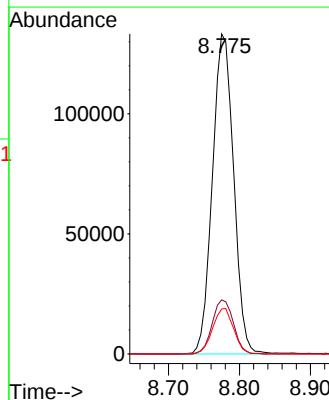
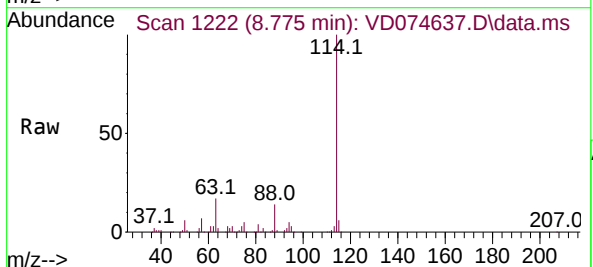
Tgt Ion:114 Resp: 276394

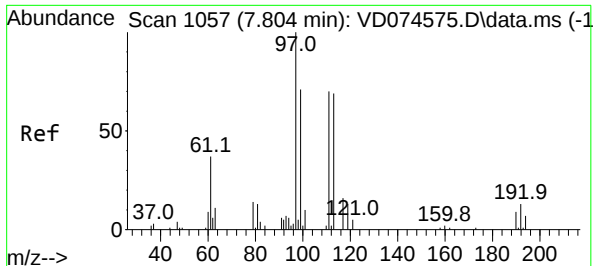
Ion Ratio Lower Upper

114 100

63 16.9 0.0 33.2

88 14.0 0.0 28.2





#35

Dibromofluoromethane

Concen: 43.318 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VD074637.D

Acq: 25 Oct 2022 17:17

Instrument :

MSVOA_D

ClientSampleId :

TP6-1024

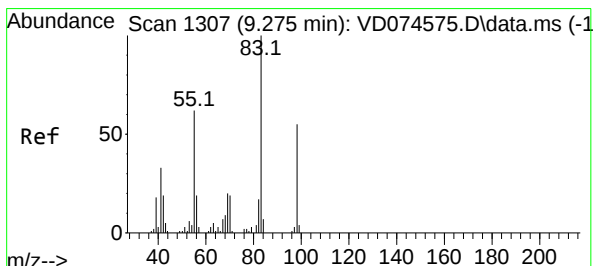
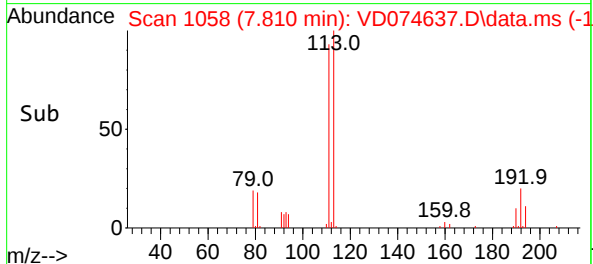
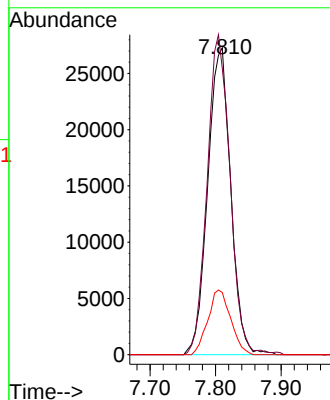
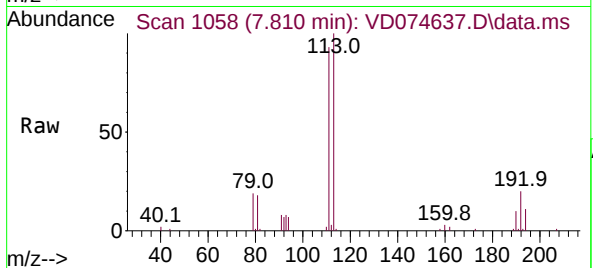
Tgt Ion:	113	Resp:	6656
Ion Ratio	Lower	Upper	
113	100		
111	103.7	82.3	123.5
192	20.9	16.4	24.6

Manual Integrations

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Supervised By :Mahesh Dadoda 10/31/2022



#39

Methylcyclohexane

Concen: 3.118 ug/l

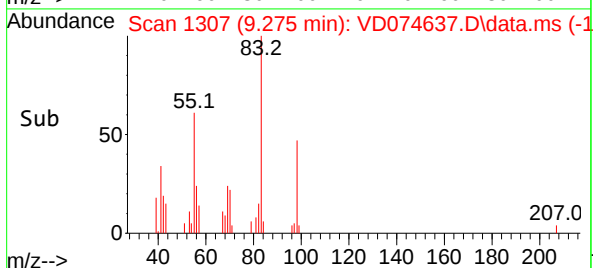
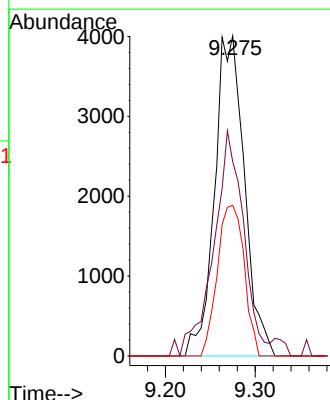
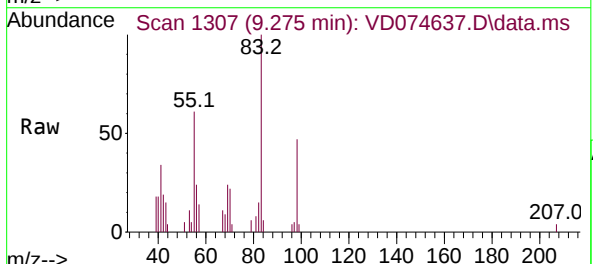
RT: 9.275 min Scan# 1307

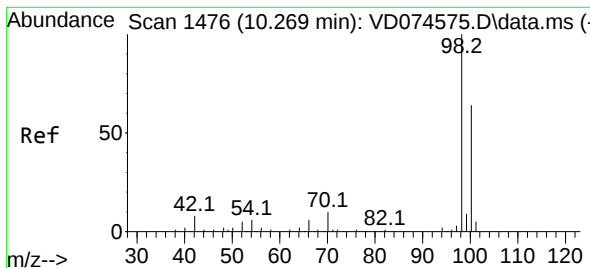
Delta R.T. 0.006 min

Lab File: VD074637.D

Acq: 25 Oct 2022 17:17

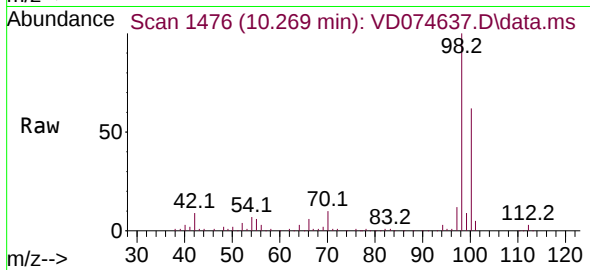
Tgt Ion:	83	Resp:	9251
Ion Ratio	Lower	Upper	
83	100		
55	60.8	49.0	73.4
98	47.0	41.7	62.5





#50
Toluene-d8
Concen: 40.213 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD074637.D
Acq: 25 Oct 2022 17:17

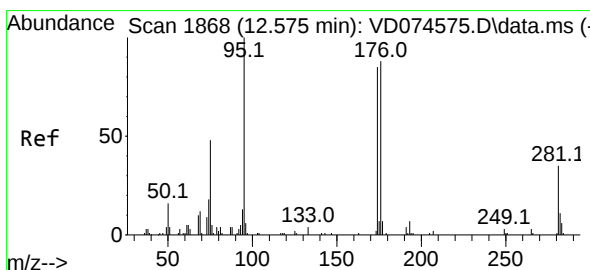
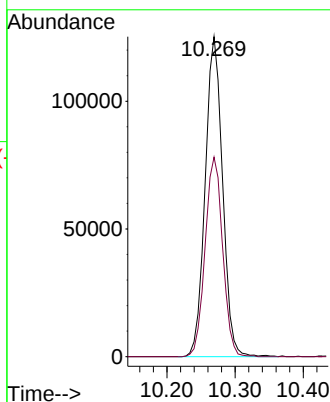
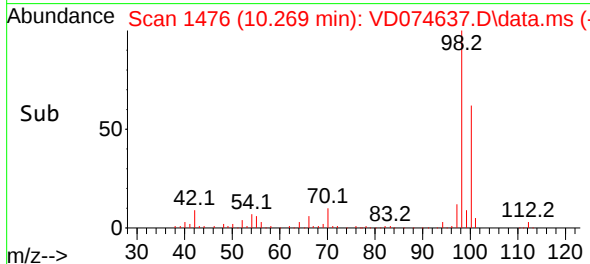
Instrument :
MSVOA_D
ClientSampleId :
TP6-1024



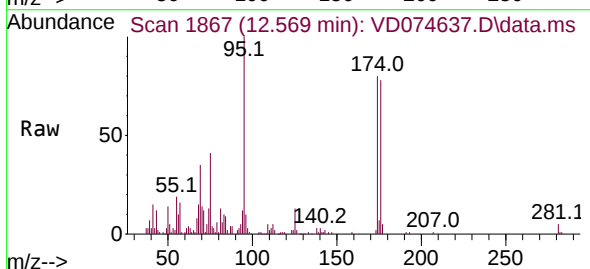
Tgt Ion: 98 Resp: 222460
Ion Ratio Lower Upper
98 100
100 62.9 51.4 77.0

Manual Integrations
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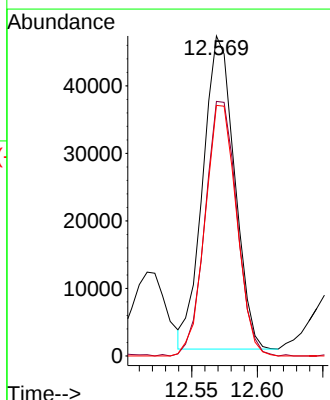
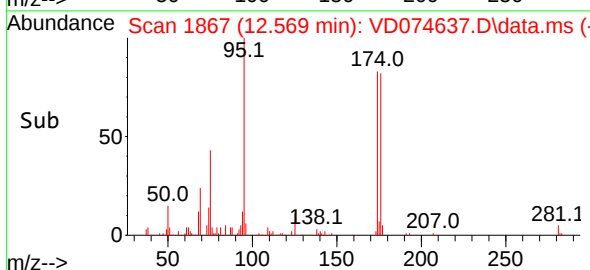
Reviewed By :Krupa Patel 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022

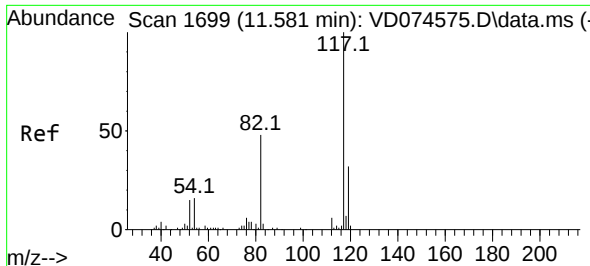


#62
4-Bromofluorobenzene
Concen: 48.844 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD074637.D
Acq: 25 Oct 2022 17:17



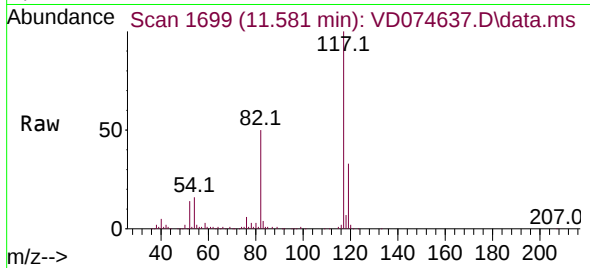
Tgt Ion: 95 Resp: 77806
Ion Ratio Lower Upper
95 100
174 81.9 0.0 197.0
176 79.7 0.0 182.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD074637.D
Acq: 25 Oct 2022 17:17

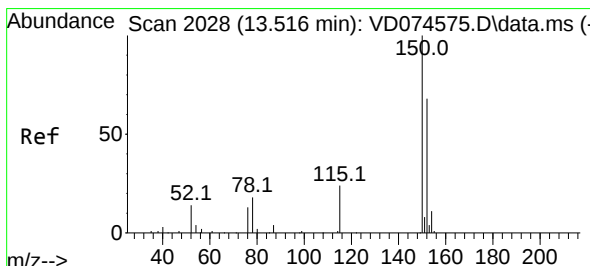
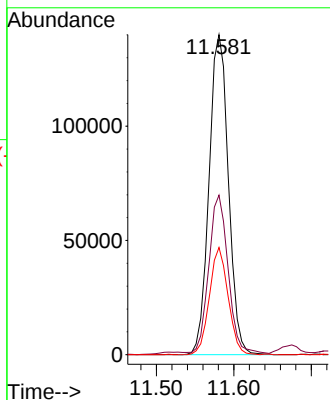
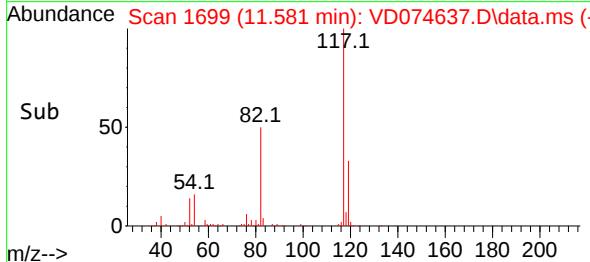
Instrument :
MSVOA_D
ClientSampleId :
TP6-1024



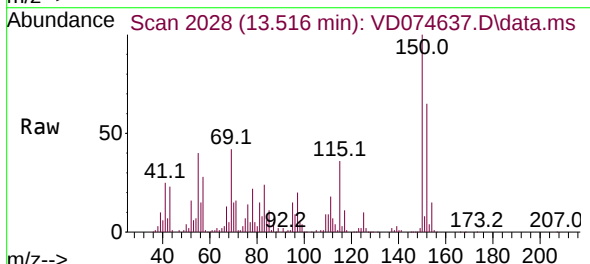
Tgt Ion:117 Resp: 243080
Ion Ratio Lower Upper
117 100
82 49.0 41.6 62.4
119 33.5 25.2 37.8

Manual Integrations
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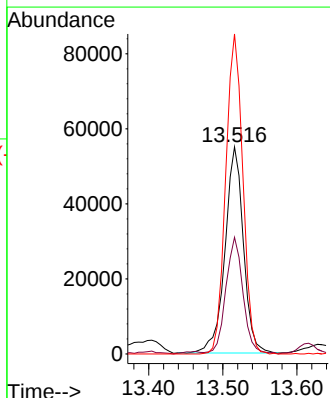
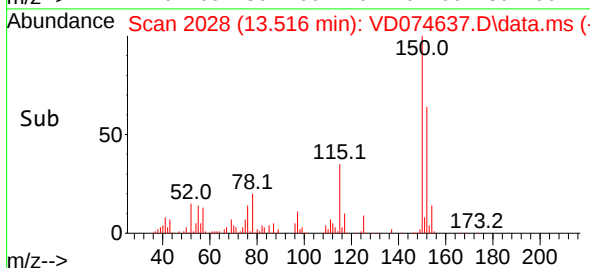
Reviewed By :Krupa Patel 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022

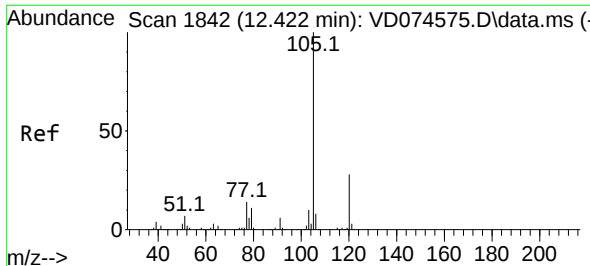


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.006 min
Lab File: VD074637.D
Acq: 25 Oct 2022 17:17



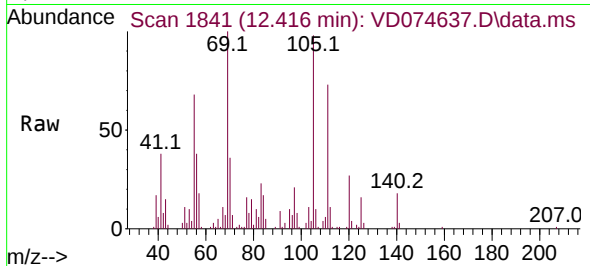
Tgt Ion:152 Resp: 94952
Ion Ratio Lower Upper
152 100
115 52.9 26.8 80.4
150 143.9 0.0 348.2





#73
Isopropylbenzene
Concen: 5.574 ug/l
RT: 12.416 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD074637.D
Acq: 25 Oct 2022 17:17

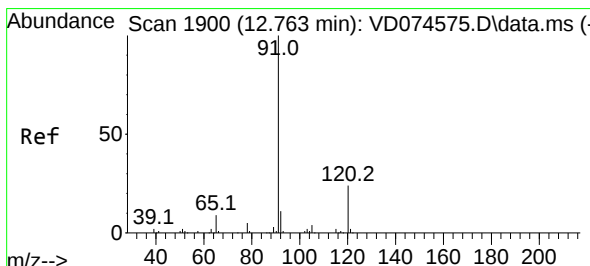
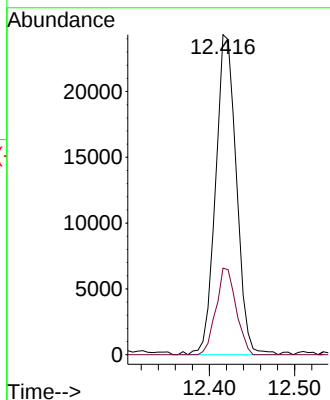
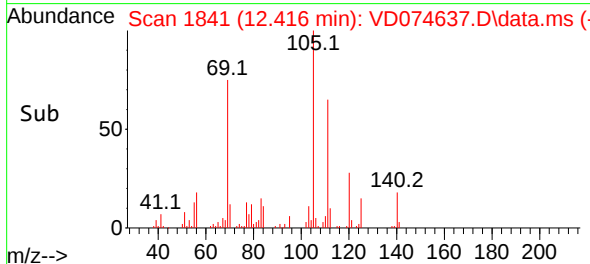
Instrument :
MSVOA_D
ClientSampleId :
TP6-1024



Tgt Ion:105 Resp: 41279
Ion Ratio Lower Upper
105 100
120 26.0 13.5 40.4

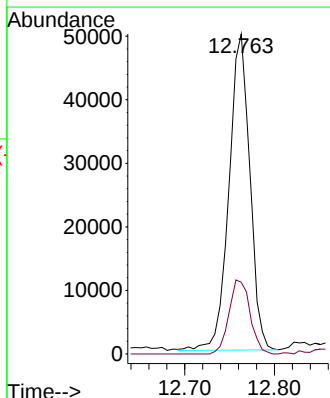
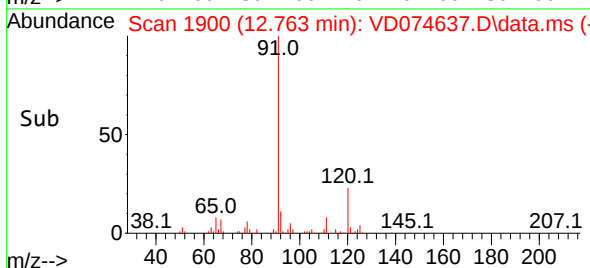
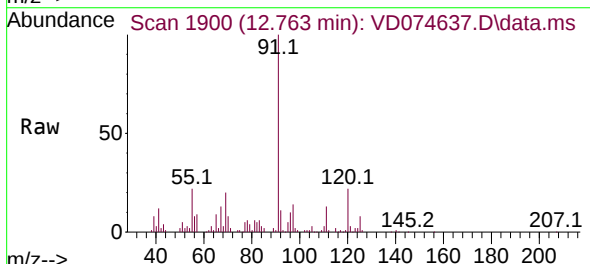
Manual Integrations
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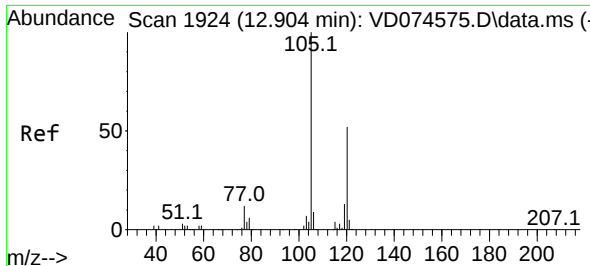
Reviewed By :Krupa Patel 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022



#78
n-propylbenzene
Concen: 9.171 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. 0.006 min
Lab File: VD074637.D
Acq: 25 Oct 2022 17:17

Tgt Ion: 91 Resp: 80262
Ion Ratio Lower Upper
91 100
120 23.6 11.9 35.7





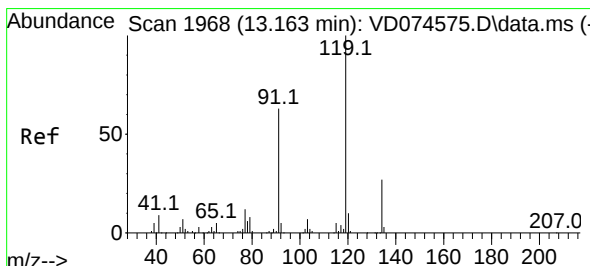
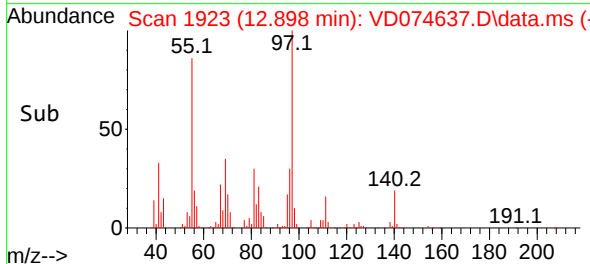
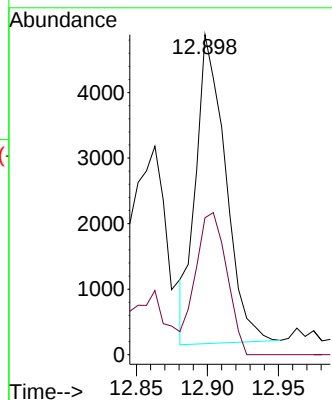
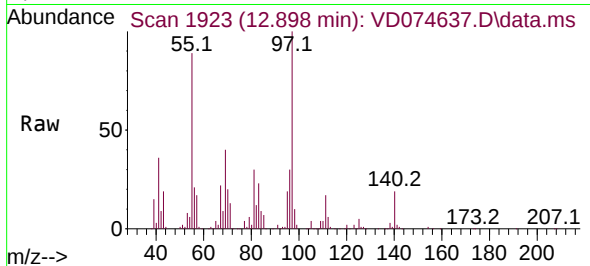
#80
1,3,5-Trimethylbenzene
Concen: 1.139 ug/l
RT: 12.898 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD074637.D
Acq: 25 Oct 2022 17:17

Instrument :
MSVOA_D
ClientSampleId :
TP6-1024

Tgt Ion:105 Resp: 6849
Ion Ratio Lower Upper
105 100
120 48.4 25.7 77.0

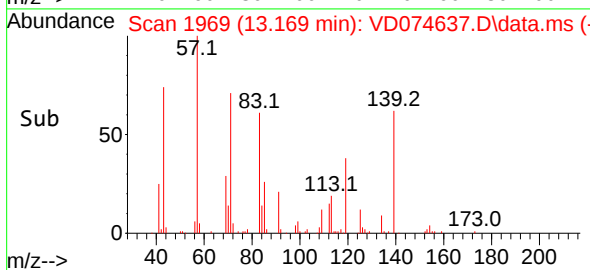
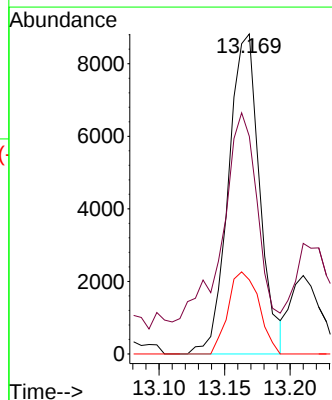
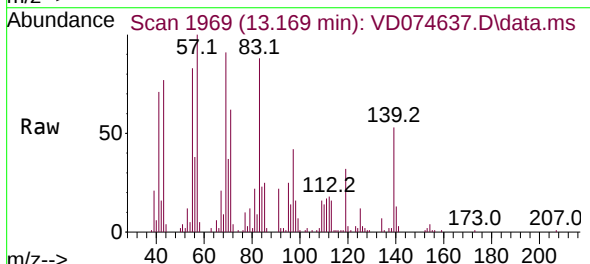
Manual Integrations
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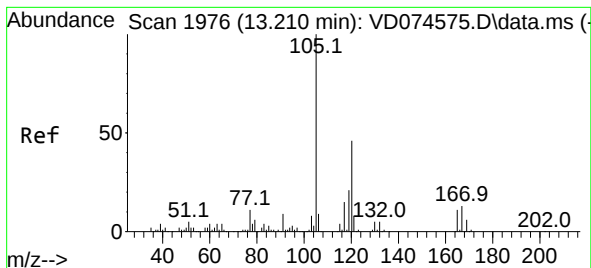
Reviewed By :Krupa Patel 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022



#83
tert-Butylbenzene
Concen: 2.717 ug/l
RT: 13.169 min Scan# 1969
Delta R.T. 0.006 min
Lab File: VD074637.D
Acq: 25 Oct 2022 17:17

Tgt Ion:119 Resp: 14572
Ion Ratio Lower Upper
119 100
91 70.5 30.0 90.0
134 25.4 13.4 40.1





#84

1,2,4-Trimethylbenzene

Concen: 4.197 ug/l

RT: 13.210 min Scan# 1976

Delta R.T. 0.006 min

Lab File: VD074637.D

Acq: 25 Oct 2022 17:17

Instrument :

MSVOA_D

ClientSampleId :

TP6-1024

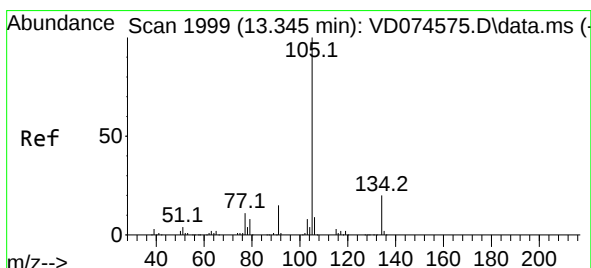
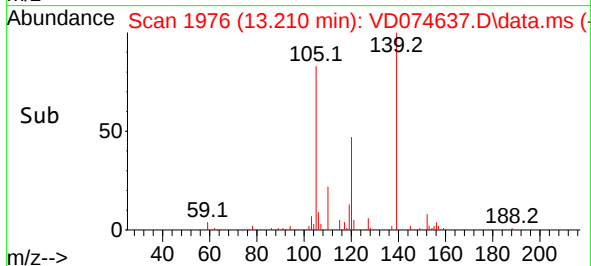
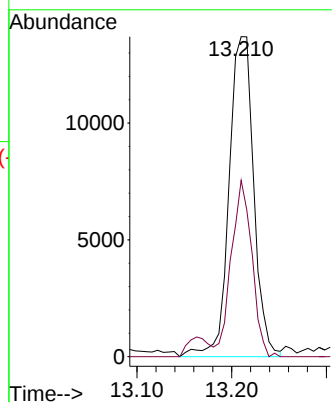
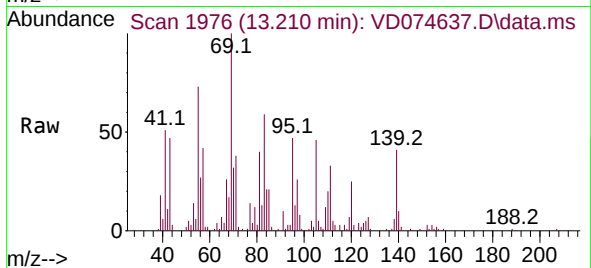
Tgt Ion:105 Resp: 2482
 Ion Ratio Lower Upper
 105 100
 120 46.0 22.9 68.7

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 10/31/2022

Supervised By :Mahesh Dadoda 10/31/2022



#85

sec-Butylbenzene

Concen: 16.416 ug/l

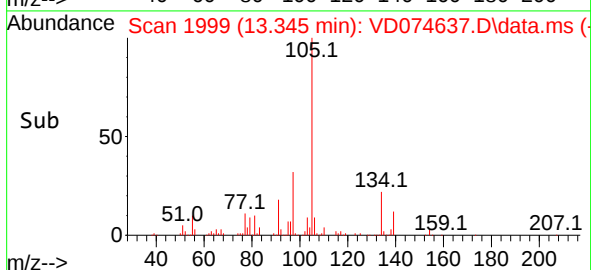
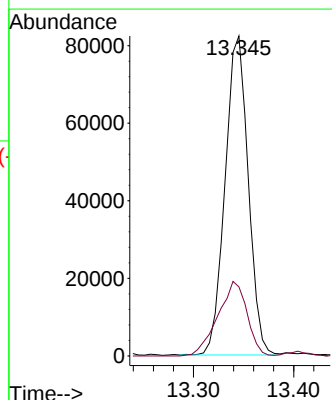
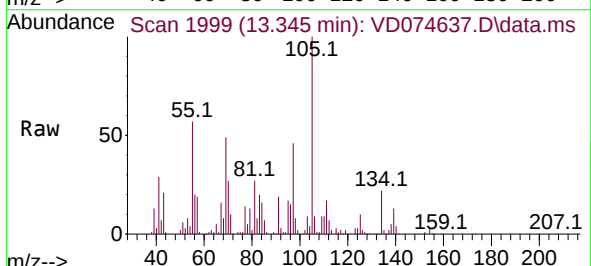
RT: 13.345 min Scan# 1999

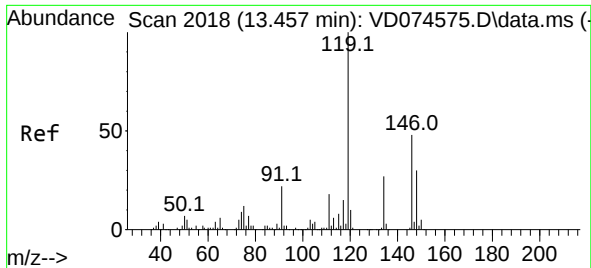
Delta R.T. 0.006 min

Lab File: VD074637.D

Acq: 25 Oct 2022 17:17

Tgt Ion:105 Resp: 132101
 Ion Ratio Lower Upper
 105 100
 134 29.4 10.0 30.0





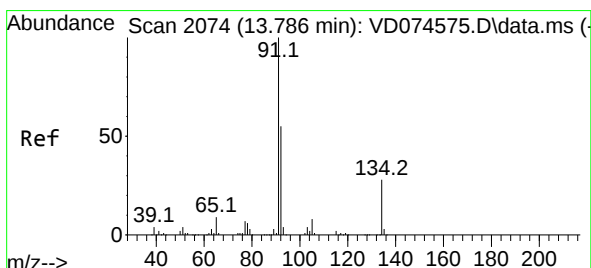
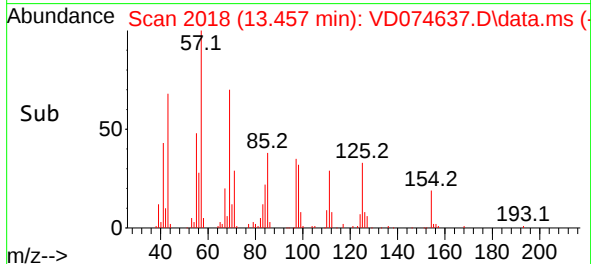
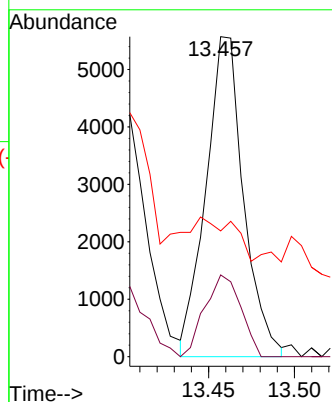
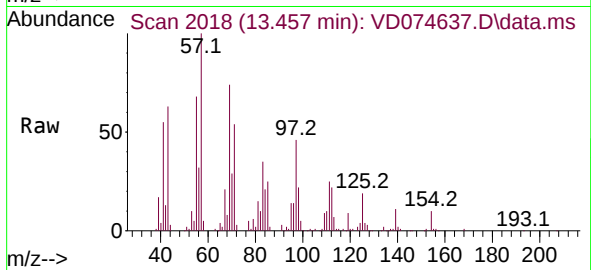
#86
p-Isopropyltoluene
Concen: 1.260 ug/l m
RT: 13.457 min Scan# 2018
Delta R.T. 0.000 min
Lab File: VD074637.D
Acq: 25 Oct 2022 17:17

Instrument :
MSVOA_D
ClientSampleId :
TP6-1024

Tgt Ion:119 Resp: 8494
Ion Ratio Lower Upper
119 100
134 171.9 13.5 40.4
91 166.0 10.8 32.4

Manual Integrations
APPROVED

Reviewed By :Krupa Patel 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022



#89
n-Butylbenzene
Concen: 14.794 ug/l
RT: 13.786 min Scan# 2074
Delta R.T. 0.005 min
Lab File: VD074637.D
Acq: 25 Oct 2022 17:17

Tgt Ion: 91 Resp: 90864
Ion Ratio Lower Upper
91 100
92 44.7 26.9 80.7
134 0.0 13.4 40.2

