

Data File : VU033266.D
Acq On : 16 Jul 2019 16:36
Operator : JC/SP
Sample : K3770-01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
X2H31

Quant Time: Jul 17 04:48:51 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR071619WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jul 17 04:42:24 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	136054	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	138395	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	69676	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	59579	4.35	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.00%
7) Chloroethane-d5	1.67	69	57126	5.00	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.00%
11) 1,1-Dichloroethene-d2	2.26	63	127239	4.80	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	96.00%
20) 2-Butanone-d5	4.18	46	121424	47.03	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.06%
24) Chloroform-d	4.62	84	94626	4.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.60%
26) 1,2-Dichloroethane-d4	5.29	65	49870	4.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.20%
32) Benzene-d6	5.32	84	173684	4.51	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.20%
36) 1,2-Dichloropropane-d6	6.31	67	57705	4.71	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.20%
41) Toluene-d8	7.55	98	150002	4.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.20%
43) trans-1,3-Dichloropropene-	7.84	79	22330	4.55	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.00%
46) 2-Hexanone-d5	8.30	63	93748	46.44	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.88%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	48312	4.74	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.80%
64) 1,2-Dichlorobenzene-d4	11.85	152	59729	4.40	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.00%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.20	85	22678	1.963	ug/L 98
3) Chloromethane	1.32	50	84125	6.170	ug/L 100
5) Vinyl chloride	1.39	62	67212	4.589	ug/L 97
6) Bromomethane	1.62	94	46192	4.975	ug/L 99
8) Chloroethane	1.69	64	46870	5.000	ug/L 99
9) Trichlorofluoromethane	1.87	101	189253	9.016	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	51815	4.469	ug/L 98
12) 1,1-Dichloroethene	2.27	96	64439	5.765	ug/L 88
16) Methylene chloride	2.68	84	44321	3.252	ug/L 93
17) Methyl tert-butyl Ether	2.99	73	156049	5.330	ug/L 99
18) trans-1,2-Dichloroethene	2.96	96	79673	6.453	ug/L 97
22) cis-1,2-Dichloroethene	4.20	96	65729	6.299	ug/L 95
23) Bromochloromethane	4.52	128	10299	2.241	ug/L 95
25) Chloroform	4.65	83	93650	4.557	ug/L 97
27) 1,2-Dichloroethane	5.38	62	60501	4.949	ug/L 100
29) 1,1,1-Trichloroethane	4.89	97	84528	5.288	ug/L 97
31) Carbon tetrachloride	5.11	117	74425	5.318	ug/L 97

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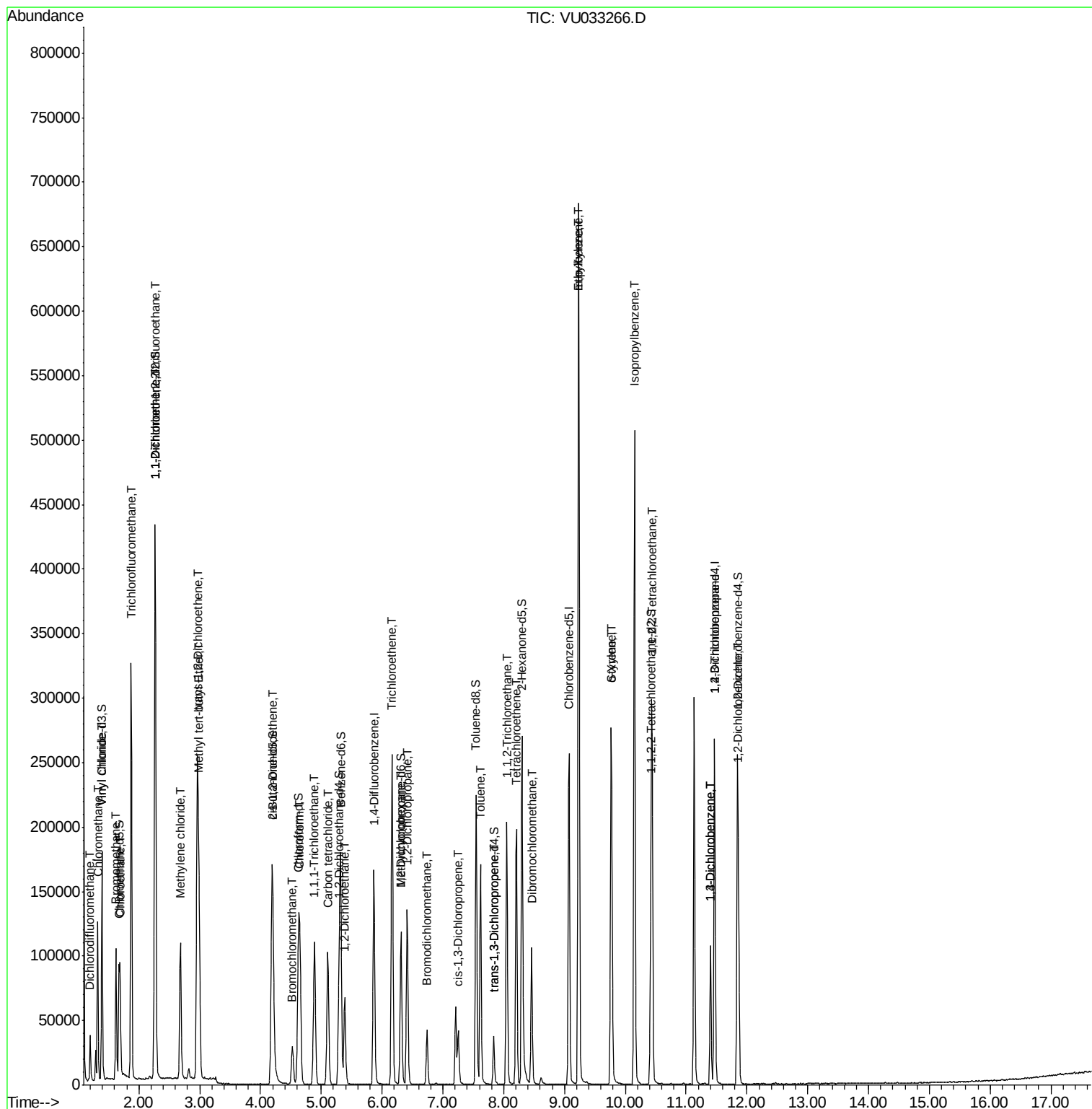
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
34) Trichloroethene	6.16	95	88507	8.534	ug/L	99
35) Methylcyclohexane	6.31	83	13523	0.865	ug/L #	18
37) 1,2-Dichloropropane	6.41	63	52161	4.922	ug/L	100
38) Bromodichloromethane	6.74	83	27647	2.045	ug/L	99
39) cis-1,3-Dichloropropene	7.25	75	25488	1.686	ug/L	95
42) Toluene	7.62	91	127981	3.042	ug/L	97
44) trans-1,3-Dichloropropene	7.83	75	1016	0.083	ug/L #	63
45) 1,1,2-Trichloroethane	8.05	97	60593	7.995	ug/L	92
47) Tetrachloroethene	8.21	164	42864	5.157	ug/L	96
49) Dibromochloromethane	8.46	129	52709	5.775	ug/L	96
52) Ethylbenzene	9.23	91	464660	10.345	ug/L	100
53) m,p-Xylene	9.23	106	143511	8.457	ug/L #	28
54) o-Xylene	9.76	106	48601	3.004	ug/L	97
55) Styrene	9.78	104	82029	2.910	ug/L	98
56) Isopropylbenzene	10.15	105	318846	7.414	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.44	83	46259	4.768	ug/L	99
59) 1,2,3-Trichloropropane	11.47	75	9226	1.335	ug/L	96
62) 1,3-Dichlorobenzene	11.40	146	43971	2.112	ug/L	97
63) 1,4-Dichlorobenzene	11.40	146	43971	2.005	ug/L	98
65) 1,2-Dichlorobenzene	11.86	146	42197	2.041	ug/L	96

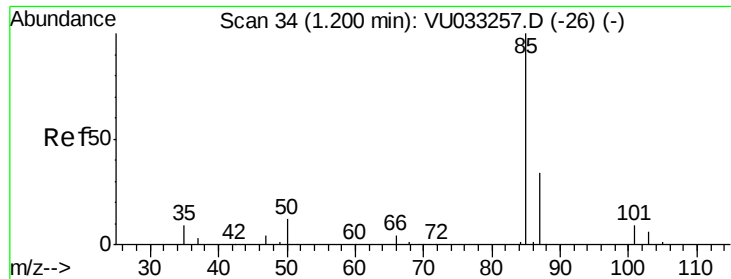
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

Dichlorodifluoromethane

Concen: 1.963 ug/L

RT: 1.20 min Scan# 34

Delta R.T. -0.00 min

Lab File: VU033266.D

Acq: 16 Jul 2019 16:36

Instrument :

MSVOA_U

ClientSampleId :

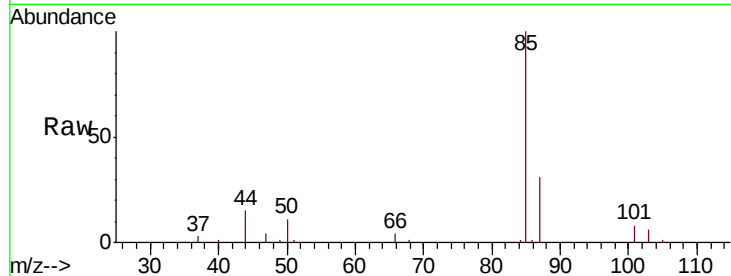
X2H31

Tgt Ion: 85 Resp: 22678

Ion Ratio Lower Upper

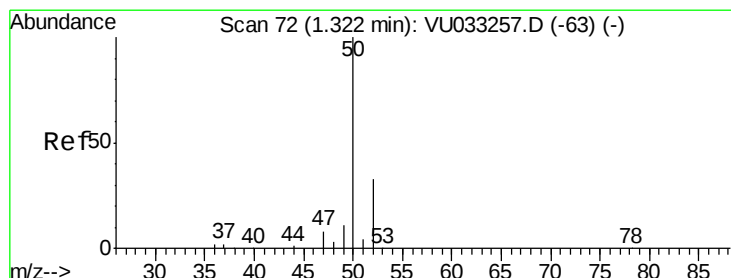
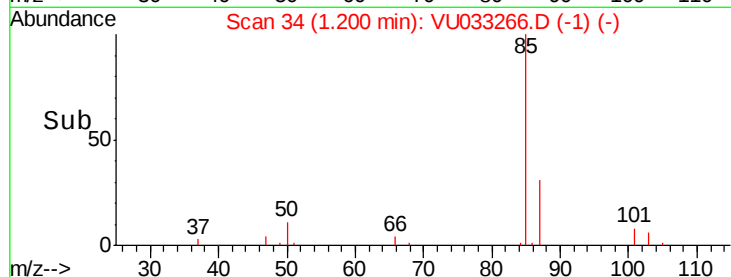
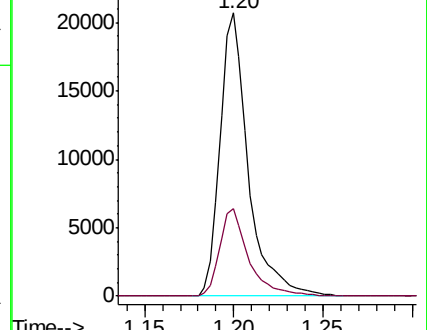
85 100

87 31.7 26.3 39.5



Abundance Ion 85.00 (84.70 to 85.70): VU033257.D (-26) (-)

Ion 87.00 (86.70 to 87.70): VU033257.D (-26) (-)



#3

Chloromethane

Concen: 6.170 ug/L

RT: 1.32 min Scan# 72

Delta R.T. -0.00 min

Lab File: VU033266.D

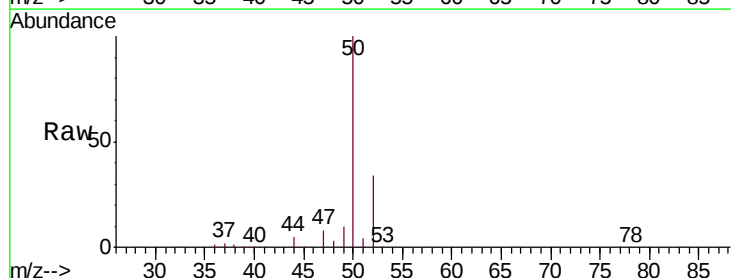
Acq: 16 Jul 2019 16:36

Tgt Ion: 50 Resp: 84125

Ion Ratio Lower Upper

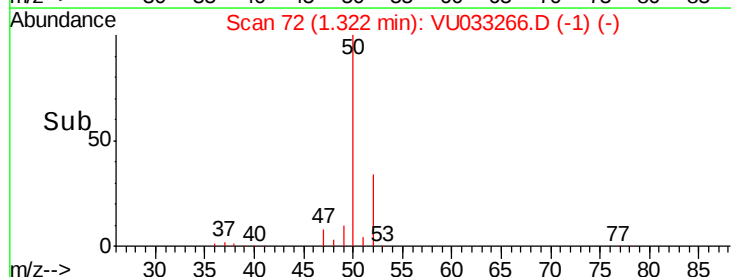
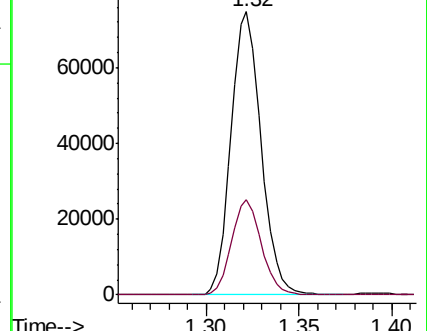
50 100

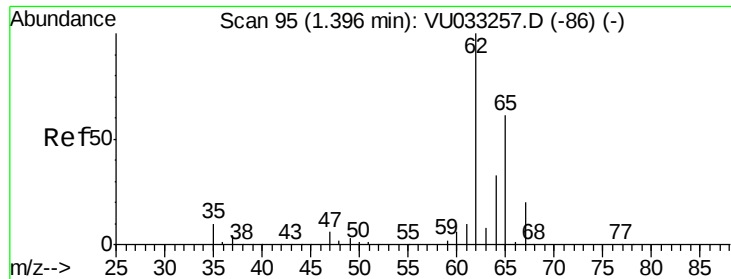
52 33.5 23.3 43.3



Abundance Ion 50.05 (49.75 to 50.75): VU033257.D (-63) (-)

Ion 52.05 (51.75 to 52.75): VU033257.D (-63) (-)





#5

Vinyl chloride

Concen: 4.589 ug/L

RT: 1.39 min Scan# 94

Delta R.T. -0.00 min

Lab File: VU033266.D

Acq: 16 Jul 2019 16:36

Instrument :

MSVOA_U

ClientSampleId :

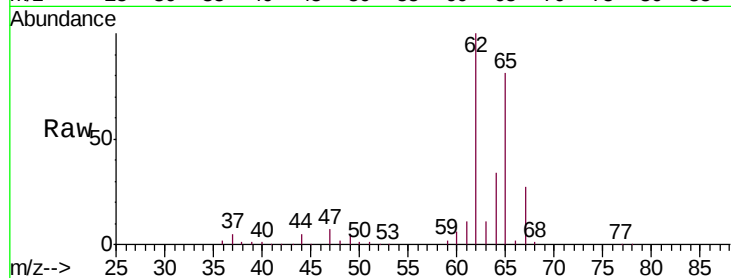
X2H31

Tgt Ion: 62 Resp: 67212

Ion Ratio Lower Upper

62 100

64 34.3 22.8 42.4



Abundance Ion 62.00 (61.70 to 62.70): VU033257.D (-86) (-)

Ion 64.10 (63.80 to 64.80): VU033257.D (-86) (-)

1.39

60000

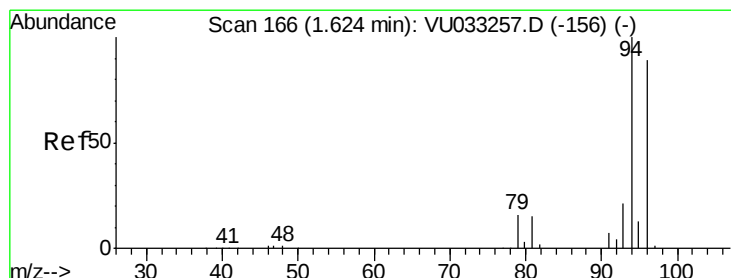
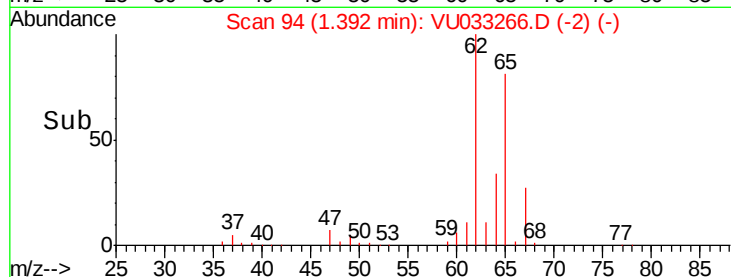
40000

20000

0

1.35 1.40 1.45

Time-->



#6

Bromomethane

Concen: 4.975 ug/L

RT: 1.62 min Scan# 165

Delta R.T. -0.00 min

Lab File: VU033266.D

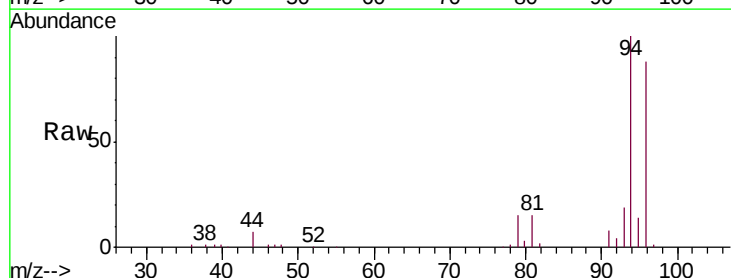
Acq: 16 Jul 2019 16:36

Tgt Ion: 94 Resp: 46192

Ion Ratio Lower Upper

94 100

96 88.5 62.4 116.0



Abundance Ion 94.00 (93.70 to 94.70): VU033257.D (-156) (-)

Ion 96.00 (95.70 to 96.70): VU033257.D (-156) (-)

1.62

40000

30000

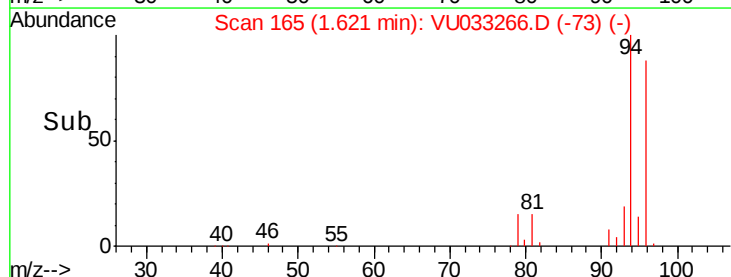
20000

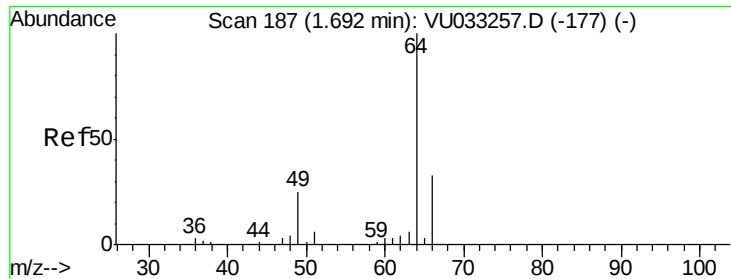
10000

0

1.55 1.60 1.65 1.70

Time-->





#8

Chloroethane

Concen: 5.000 ug/L

RT: 1.69 min Scan# 187

Delta R.T. -0.00 min

Lab File: VU033266.D

Acq: 16 Jul 2019 16:36

Instrument :

MSVOA_U

ClientSampleId :

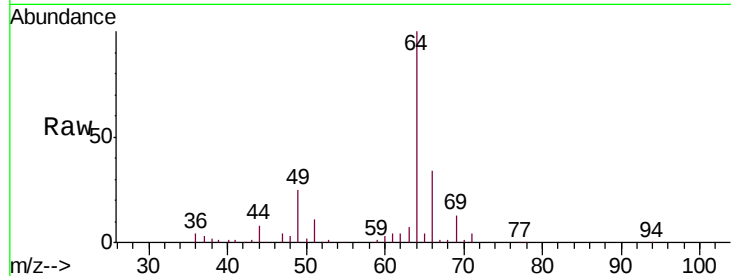
X2H31

Tgt Ion: 64 Resp: 46870

Ion Ratio Lower Upper

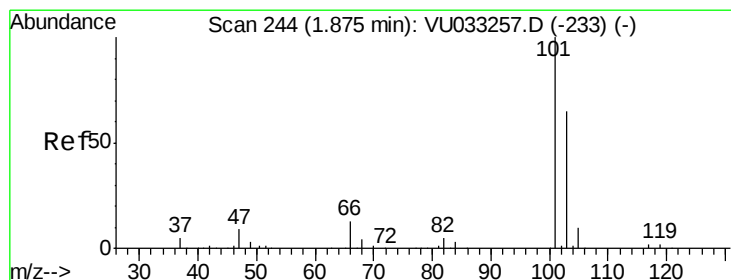
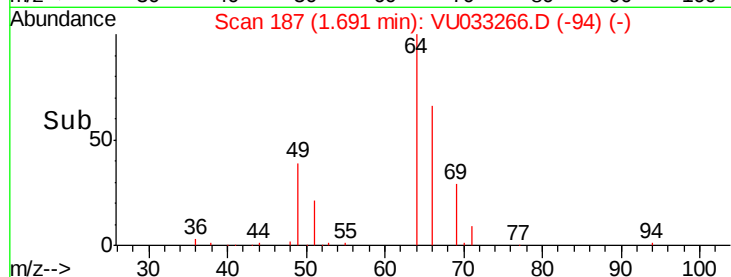
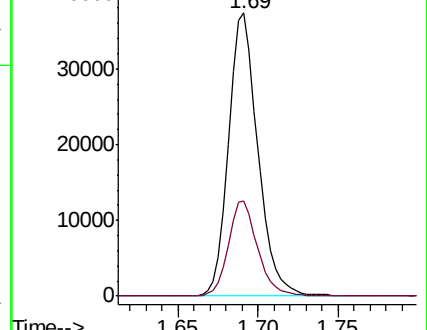
64 100

66 33.7 23.2 43.2



Abundance Ion 64.10 (63.80 to 64.80): VU033257.D (-177) (-)

Ion 66.05 (65.75 to 66.75): VU033257.D (-177) (-)



#9

Trichlorofluoromethane

Concen: 9.016 ug/L

RT: 1.87 min Scan# 244

Delta R.T. -0.00 min

Lab File: VU033266.D

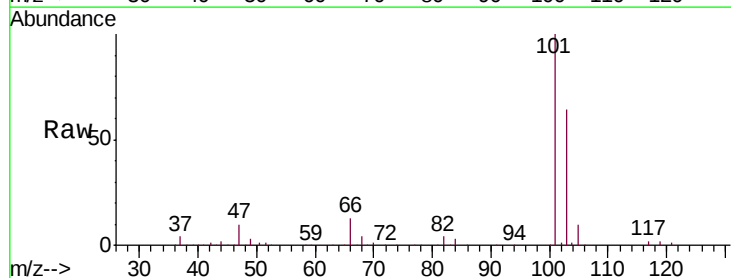
Acq: 16 Jul 2019 16:36

Tgt Ion: 101 Resp: 189253

Ion Ratio Lower Upper

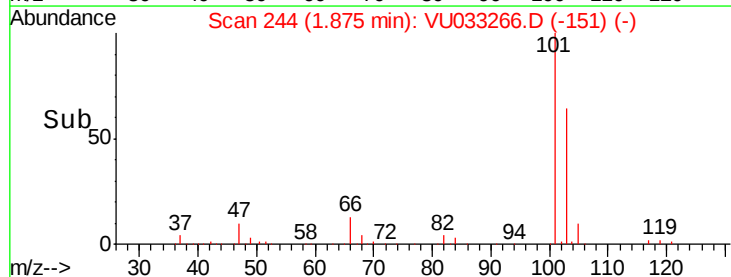
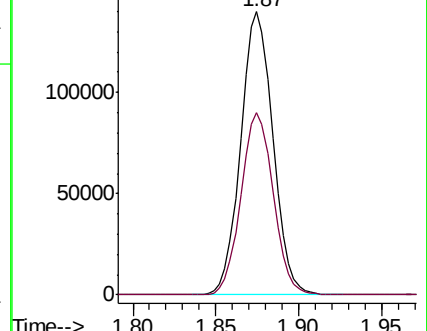
101 100

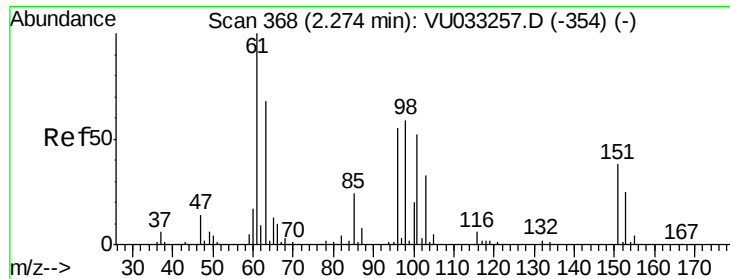
103 64.7 52.2 78.4



Abundance Ion 101.00 (100.70 to 101.70): VU033257.D (-233) (-)

Ion 103.00 (102.70 to 103.70): VU033257.D (-233) (-)





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 4.469 ug/L

RT: 2.27 min Scan# 368

Delta R.T. -0.00 min

Lab File: VU033266.D

Acq: 16 Jul 2019 16:36

Instrument :

MSVOA_U

ClientSampleId :

X2H31

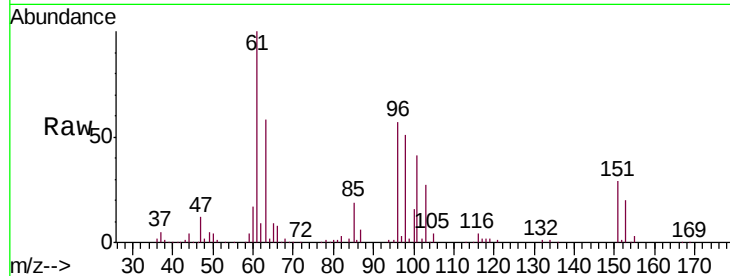
Tgt Ion:101 Resp: 51815

Ion Ratio Lower Upper

101 100

85 45.3 37.4 56.0

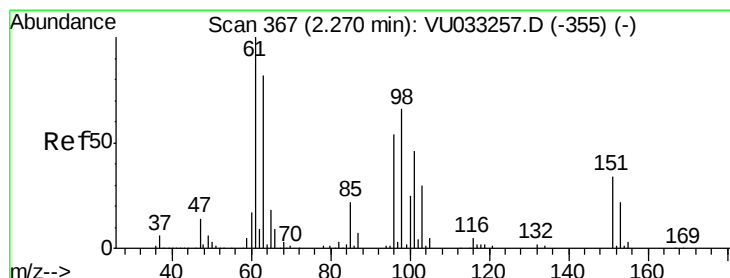
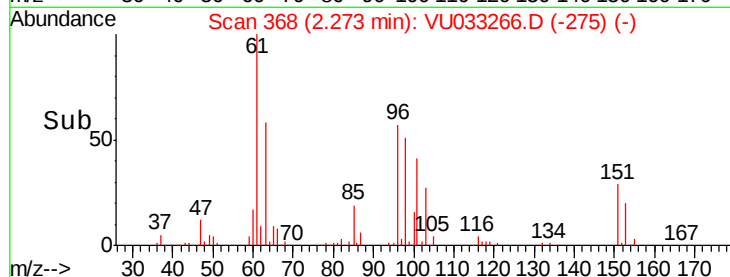
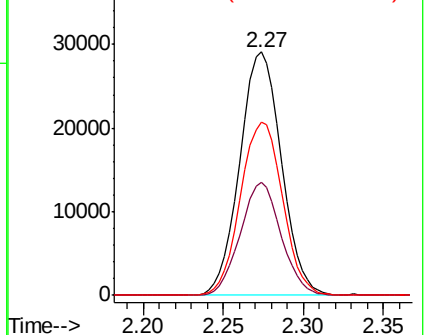
151 71.9 58.6 87.8



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 5.765 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.00 min

Lab File: VU033266.D

Acq: 16 Jul 2019 16:36

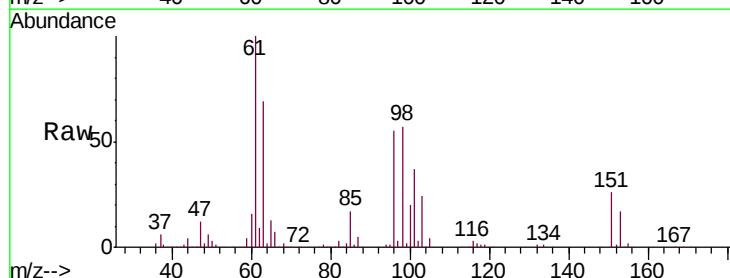
Tgt Ion: 96 Resp: 64439

Ion Ratio Lower Upper

96 100

61 182.1 129.3 240.1

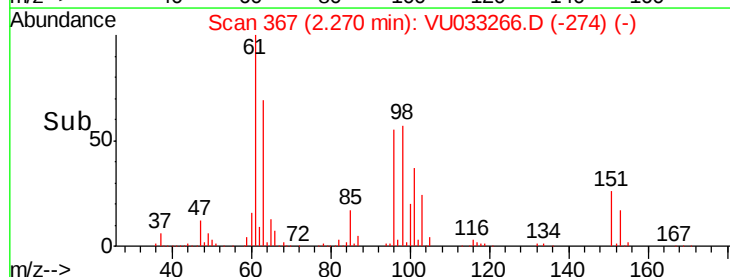
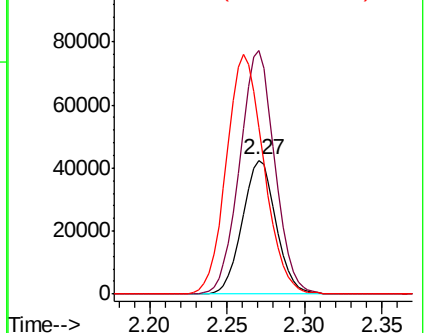
63 125.2 108.9 202.3

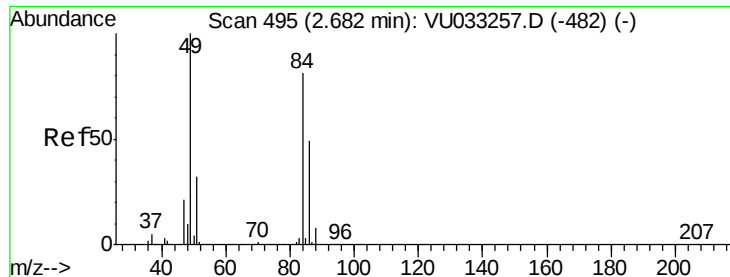


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 63.00 (62.70 to 63.70): VU0

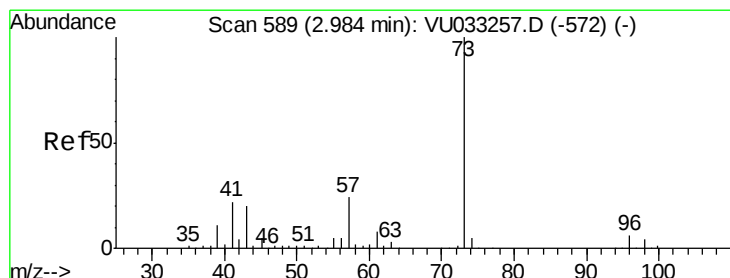
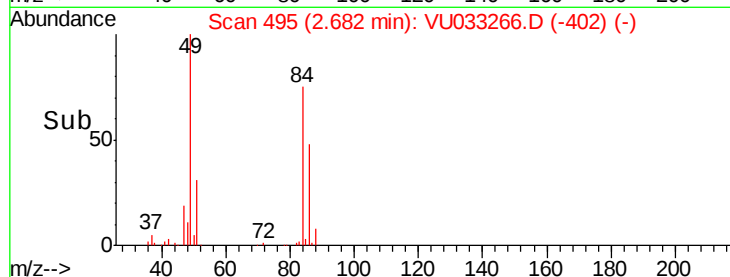
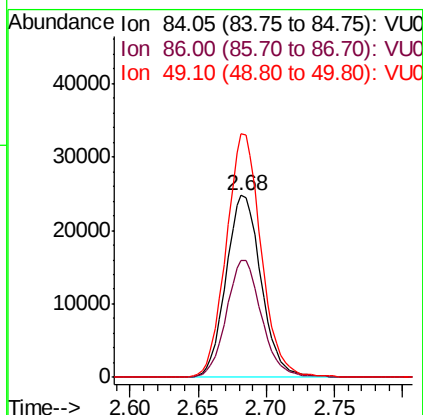
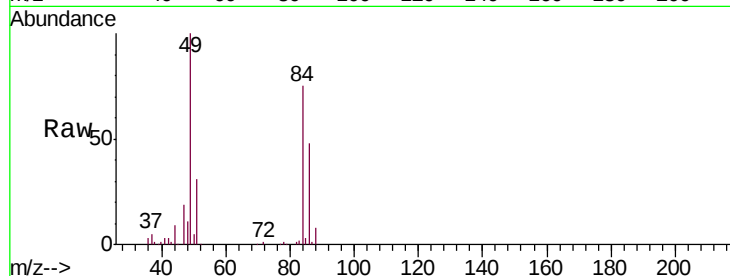




#16
Methylene chloride
Concen: 3.252 ug/L
RT: 2.68 min Scan# 495
Delta R.T. -0.00 min
Lab File: VU033266.D
Acq: 16 Jul 2019 16:36

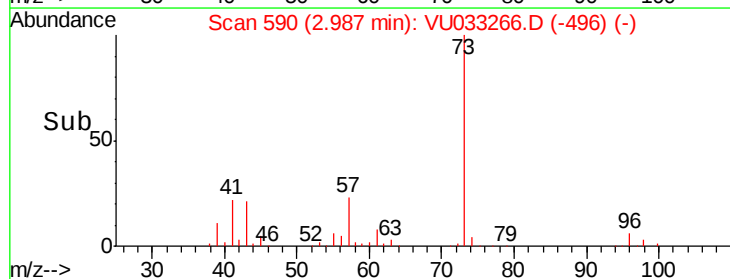
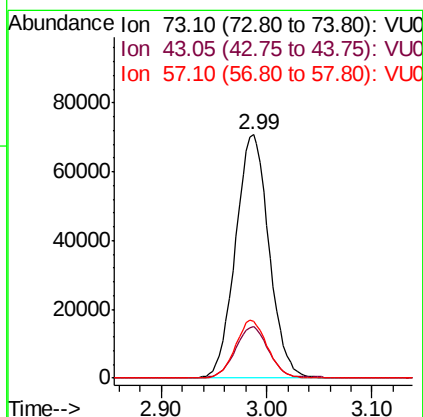
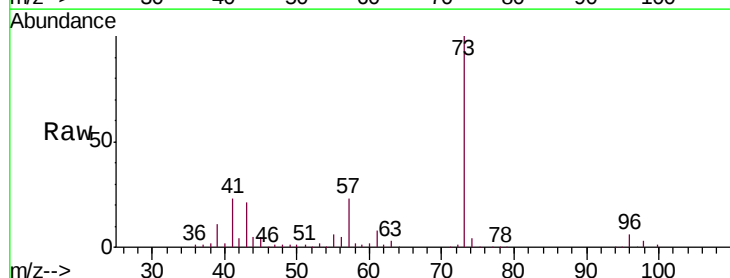
Instrument :
MSVOA_U
ClientSampleId :
X2H31

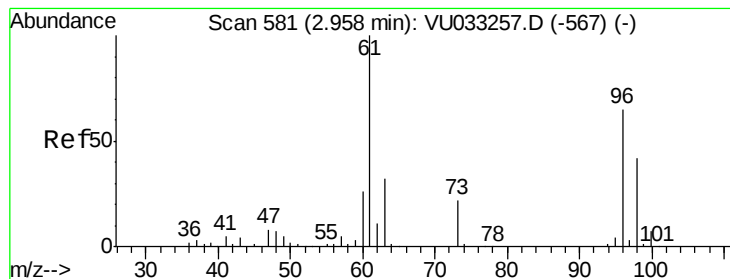
Tgt Ion: 84 Resp: 44321
Ion Ratio Lower Upper
84 100
86 64.3 42.5 78.9
49 134.1 86.9 161.3



#17
Methyl tert-butyl Ether
Concen: 5.330 ug/L
RT: 2.99 min Scan# 590
Delta R.T. 0.00 min
Lab File: VU033266.D
Acq: 16 Jul 2019 16:36

Tgt Ion: 73 Resp: 156049
Ion Ratio Lower Upper
73 100
43 20.3 16.3 24.5
57 22.9 18.6 28.0





#18

trans-1,2-Dichloroethene

Concen: 6.453 ug/L

RT: 2.96 min Scan# 582

Delta R.T. 0.00 min

Lab File: VU033266.D

Acq: 16 Jul 2019 16:36

Instrument :

MSVOA_U

ClientSampleId :

X2H31

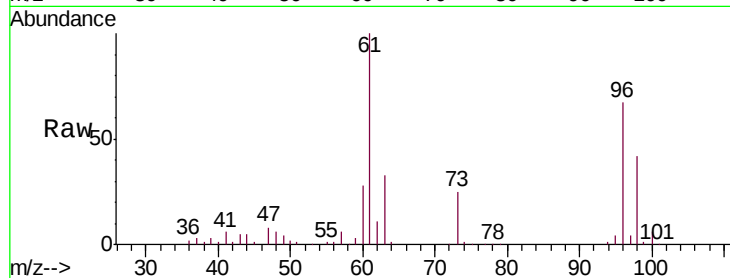
Tgt Ion: 96 Resp: 79673

Ion Ratio Lower Upper

96 100

61 149.9 107.1 198.9

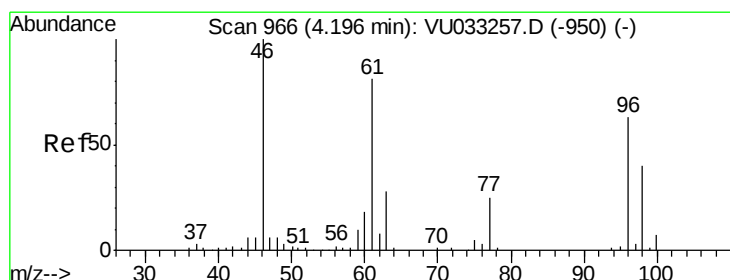
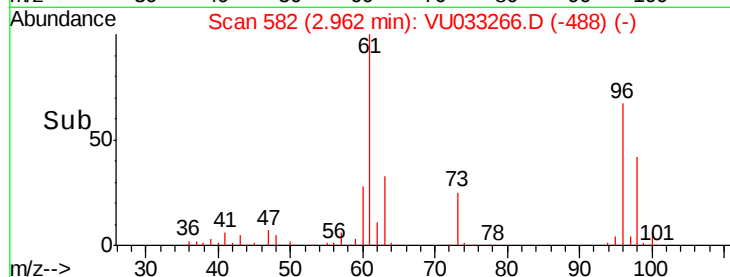
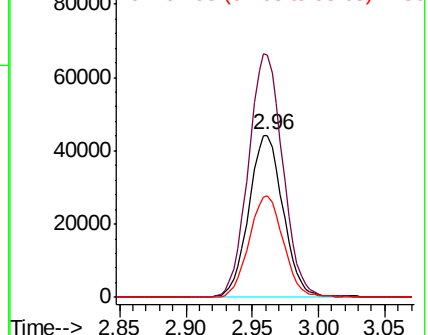
98 62.5 45.4 84.4



Abundance Ion 96.00 (95.70 to 96.70): VU033257.D (-567) (-)

Ion 61.05 (60.75 to 61.75): VU033257.D (-567) (-)

Ion 97.95 (97.65 to 98.65): VU033257.D (-567) (-)



#22

cis-1,2-Dichloroethene

Concen: 6.299 ug/L

RT: 4.20 min Scan# 967

Delta R.T. 0.00 min

Lab File: VU033266.D

Acq: 16 Jul 2019 16:36

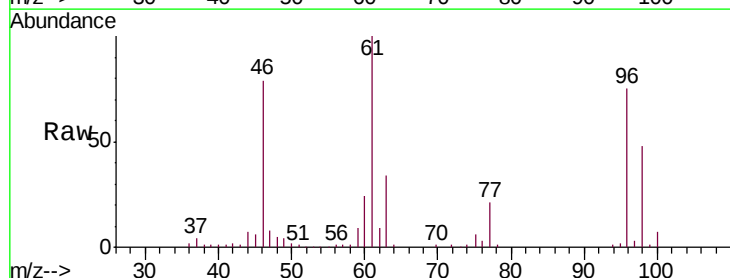
Tgt Ion: 96 Resp: 65729

Ion Ratio Lower Upper

96 100

61 132.9 89.2 165.6

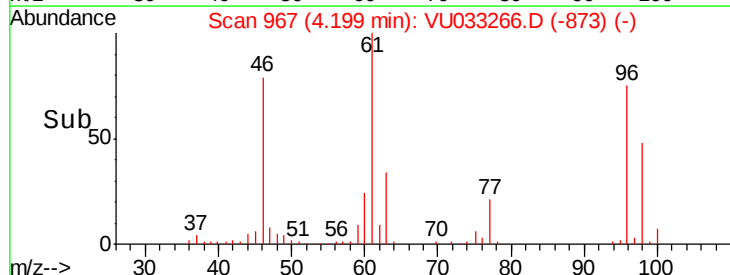
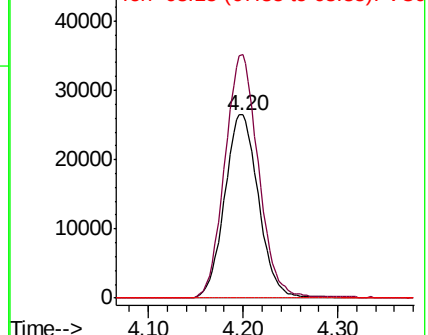
68 0.0 0.0 0.0

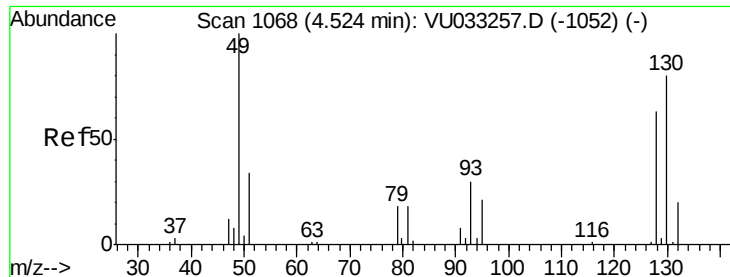


Abundance Ion 96.00 (95.70 to 96.70): VU033257.D (-950) (-)

Ion 61.05 (60.75 to 61.75): VU033257.D (-950) (-)

Ion 68.15 (67.85 to 68.85): VU033257.D (-950) (-)





#23

Bromochloromethane

Concen: 2.241 ug/L

RT: 4.52 min Scan# 1068

Delta R.T. -0.00 min

Lab File: VU033266.D

Acq: 16 Jul 2019 16:36

Instrument :

MSVOA_U

ClientSampleId :

X2H31

Tgt Ion:128 Resp: 10299

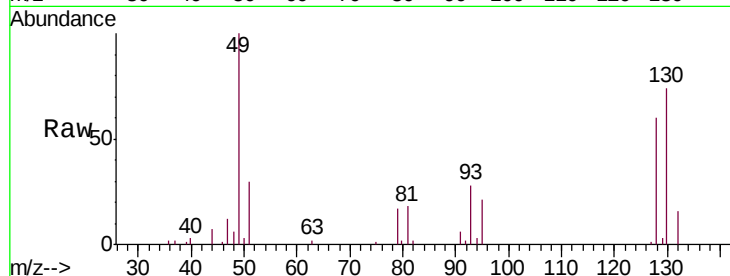
Ion Ratio Lower Upper

128 100

49 165.3 110.5 205.3

130 121.7 88.6 164.6

51 49.6 43.2 64.8

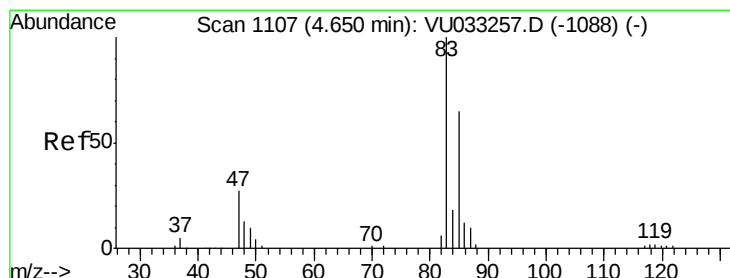
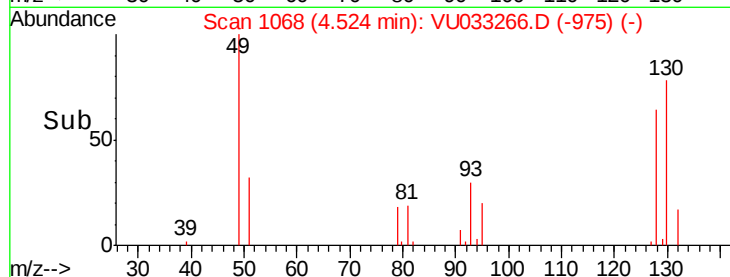
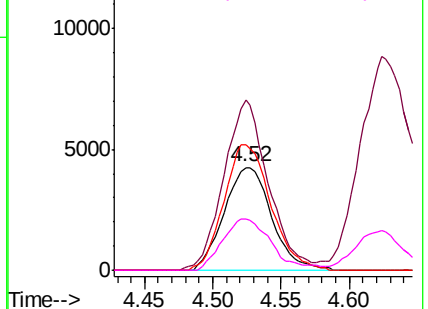


Abundance Ion 127.90 (127.60 to 128.60): V

Ion 49.10 (48.80 to 49.80): VU0

Ion 129.95 (129.65 to 130.65): V

Ion 51.05 (50.75 to 51.75): VU0



#25

Chloroform

Concen: 4.557 ug/L

RT: 4.65 min Scan# 1107

Delta R.T. -0.00 min

Lab File: VU033266.D

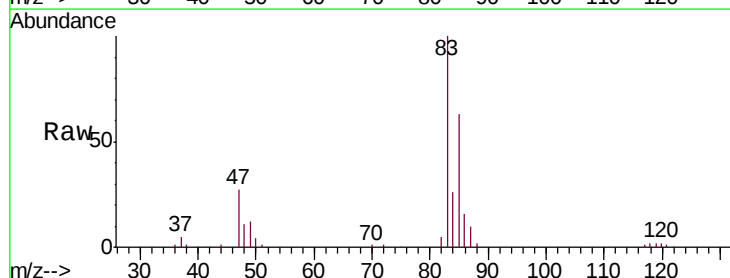
Acq: 16 Jul 2019 16:36

Tgt Ion: 83 Resp: 93650

Ion Ratio Lower Upper

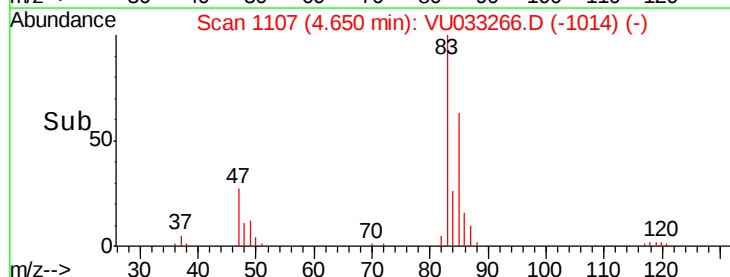
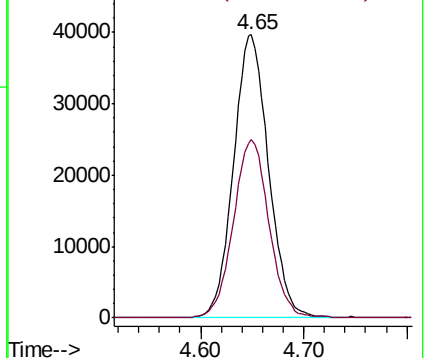
83 100

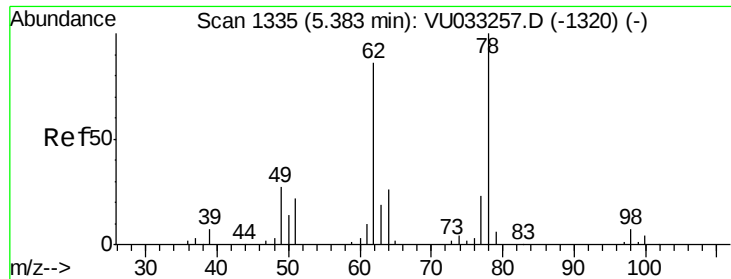
85 62.9 45.4 84.4



Abundance Ion 83.05 (82.75 to 83.75): VU0

Ion 85.00 (84.70 to 85.70): VU0

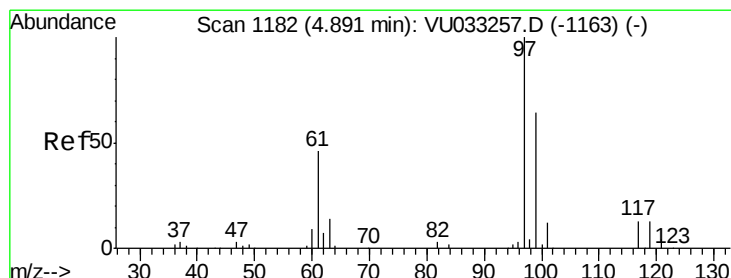
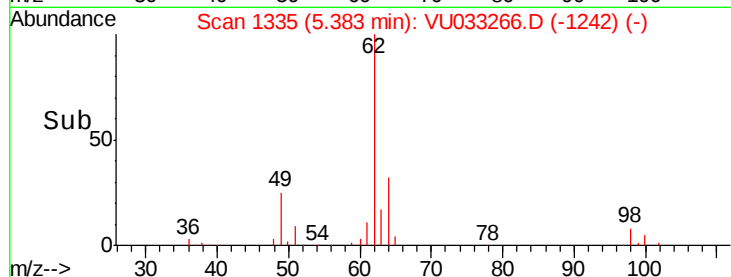
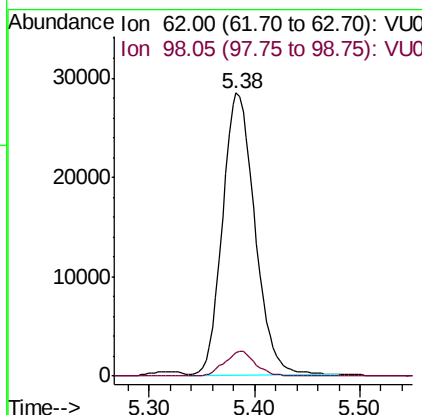
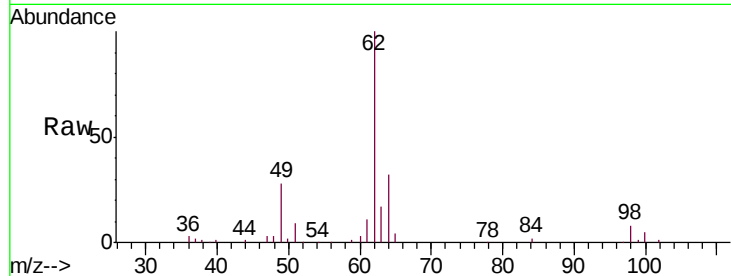




#27
 1,2-Dichloroethane
 Concen: 4.949 ug/L
 RT: 5.38 min Scan# 1335
 Delta R.T. -0.00 min
 Lab File: VU033266.D
 Acq: 16 Jul 2019 16:36

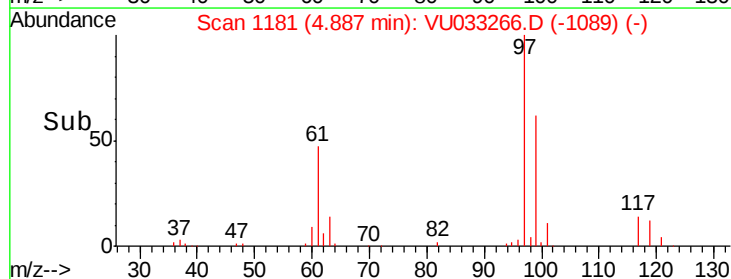
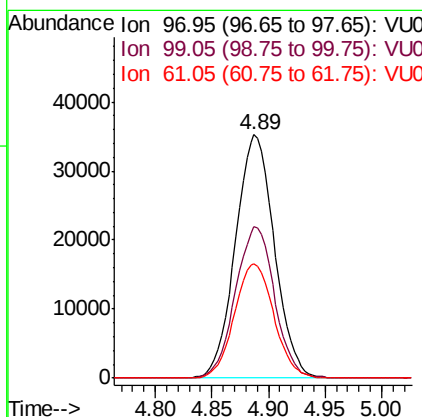
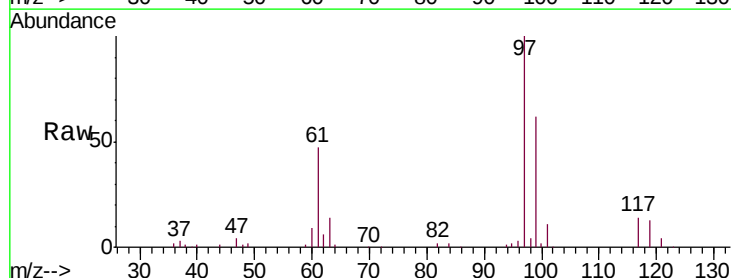
Instrument :
 MSVOA_U
 ClientSampleId :
 X2H31

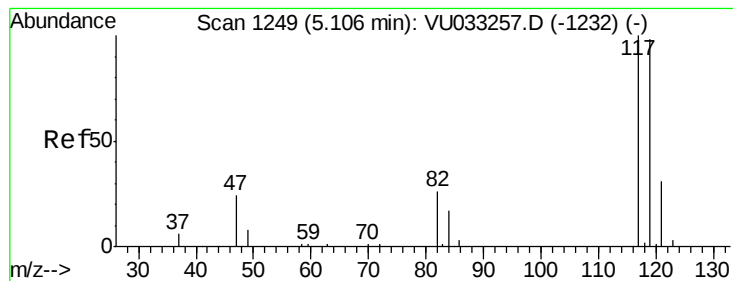
Tgt Ion: 62 Resp: 60501
 Ion Ratio Lower Upper
 62 100
 98 8.2 6.6 10.0



#29
 1,1,1-Trichloroethane
 Concen: 5.288 ug/L
 RT: 4.89 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VU033266.D
 Acq: 16 Jul 2019 16:36

Tgt Ion: 97 Resp: 84528
 Ion Ratio Lower Upper
 97 100
 99 62.5 51.6 77.4
 61 47.4 36.2 54.4





#31

Carbon tetrachloride

Concen: 5.318 ug/L

RT: 5.11 min Scan# 1249

Delta R.T. -0.00 min

Lab File: VU033266.D

Acq: 16 Jul 2019 16:36

Instrument :

MSVOA_U

ClientSampled :

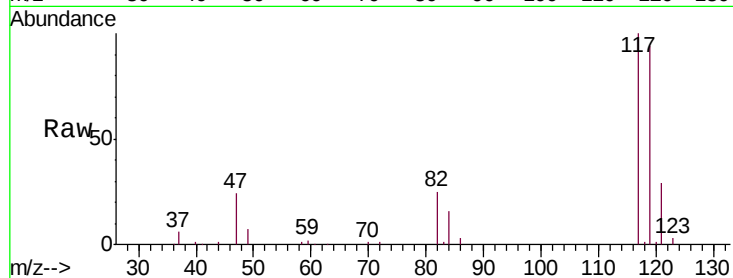
X2H31

Tgt Ion: 117 Resp: 74425

Ion Ratio Lower Upper

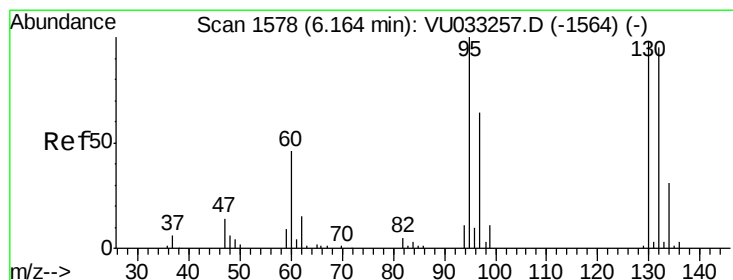
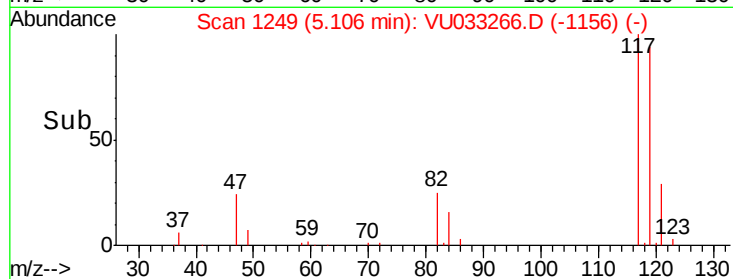
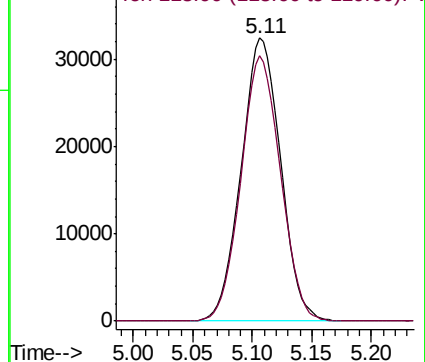
117 100

119 93.9 77.5 116.3



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 118.90 (118.60 to 119.60): V



#34

Trichloroethene

Concen: 8.534 ug/L

RT: 6.16 min Scan# 1578

Delta R.T. -0.00 min

Lab File: VU033266.D

Acq: 16 Jul 2019 16:36

Tgt Ion: 95 Resp: 88507

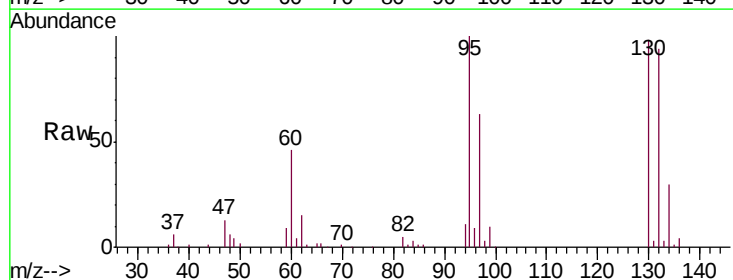
Ion Ratio Lower Upper

95 100

97 62.9 44.5 82.7

132 94.1 66.6 123.8

130 97.9 68.9 127.9

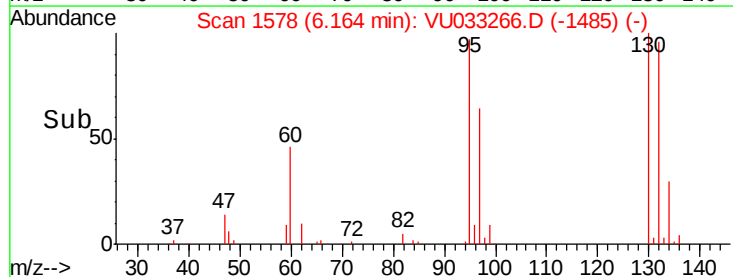
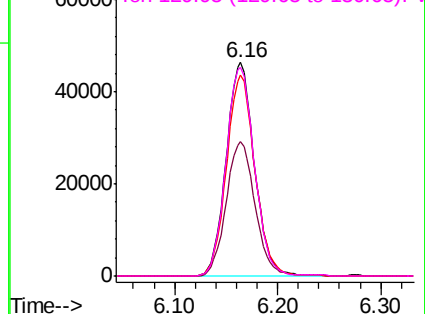


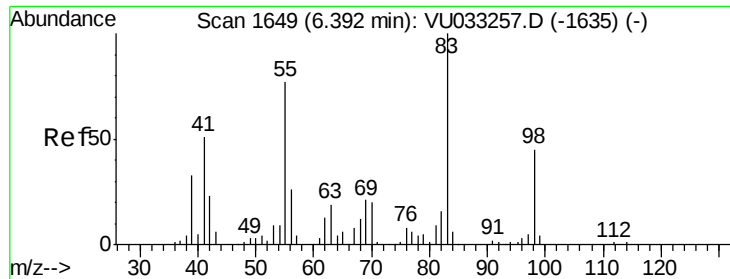
Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 96.95 (96.65 to 97.65): VU0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V

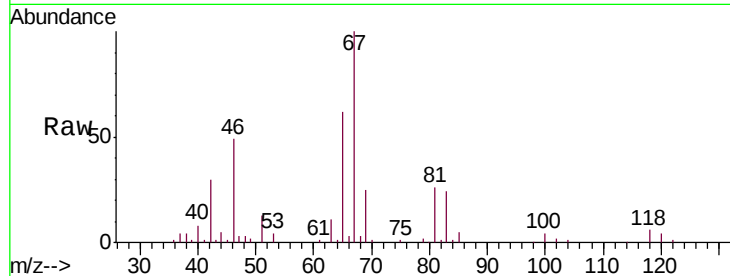




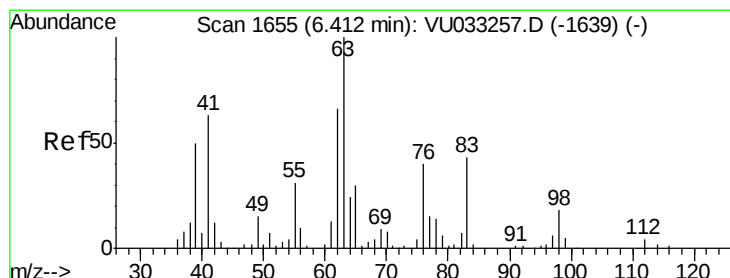
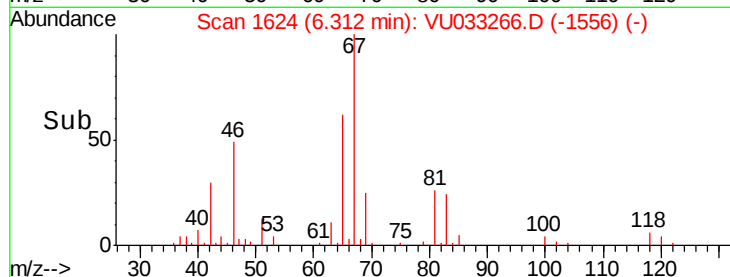
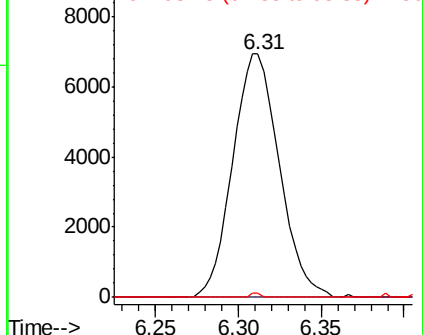
#35
Methylcyclohexane
Concen: 0.865 ug/L
RT: 6.31 min Scan# 1624
Delta R.T. -0.08 min
Lab File: VU033266.D
Acq: 16 Jul 2019 16:36

Instrument :
MSVOA_U
ClientSampleId :
X2H31

Tgt Ion: 83 Resp: 13523
Ion Ratio Lower Upper
83 100
55 0.0 62.6 94.0#
98 0.0 36.2 54.2#

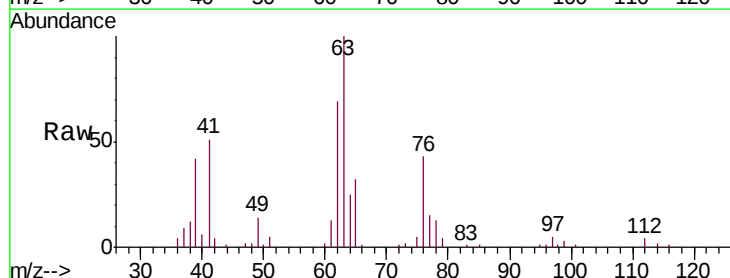


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

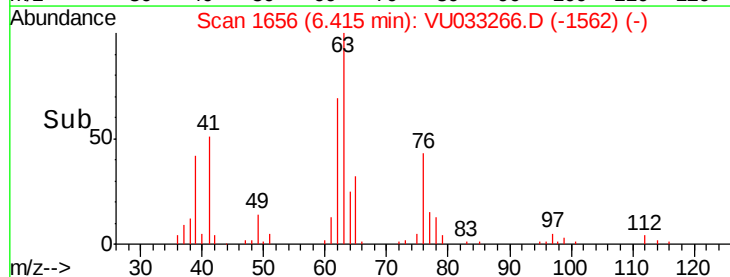
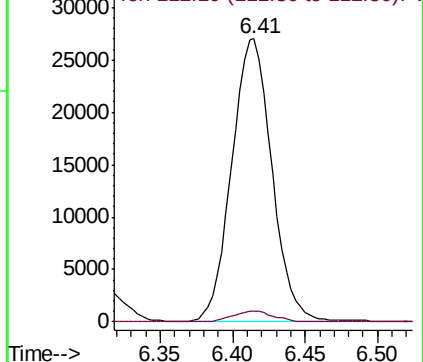


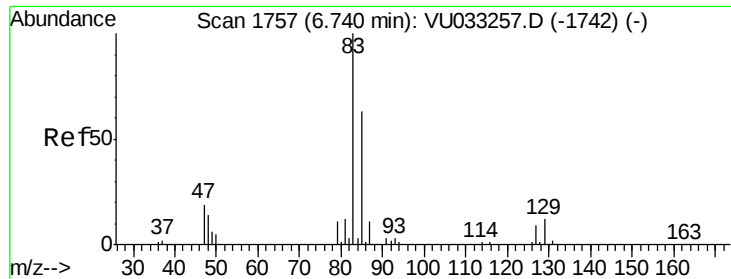
#37
1,2-Dichloropropane
Concen: 4.922 ug/L
RT: 6.41 min Scan# 1656
Delta R.T. 0.00 min
Lab File: VU033266.D
Acq: 16 Jul 2019 16:36

Tgt Ion: 63 Resp: 52161
Ion Ratio Lower Upper
63 100
112 3.9 3.1 4.7



Abundance Ion 63.10 (62.80 to 63.80): VU0
Ion 112.10 (111.80 to 112.80): V





#38

Bromodichloromethane

Concen: 2.045 ug/L

RT: 6.74 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VU033266.D

Acq: 16 Jul 2019 16:36

Instrument :

MSVOA_U

ClientSampleId :

X2H31

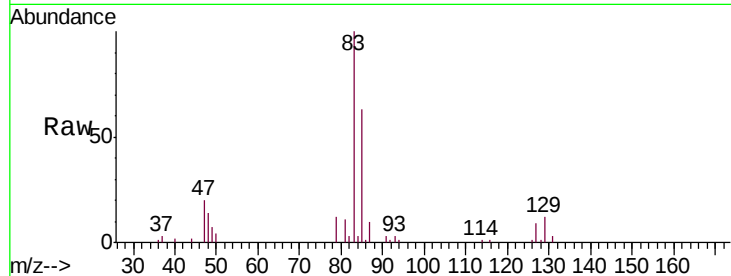
Tgt Ion: 83 Resp: 27647

Ion Ratio Lower Upper

83 100

85 63.3 44.0 81.8

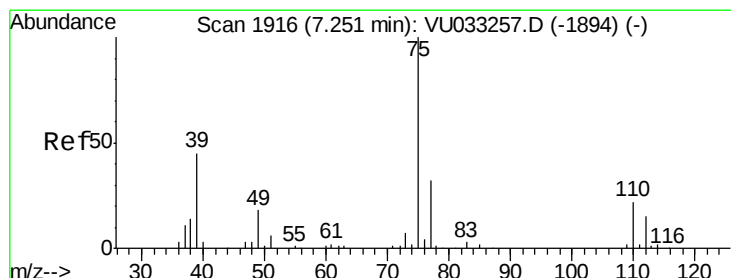
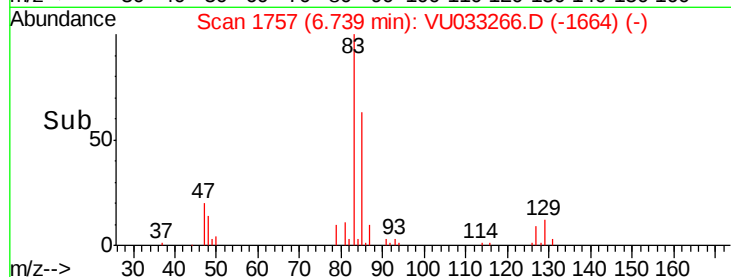
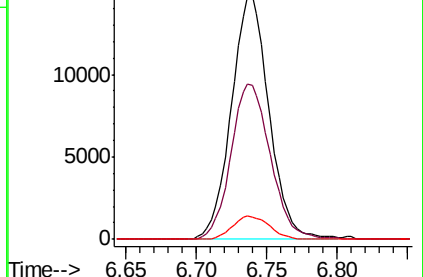
127 8.9 7.0 10.4



Abundance Ion 82.95 (82.65 to 83.65): VU033257.D (-1742) (-)

Ion 85.00 (84.70 to 85.70): VU033257.D (-1742) (-)

Ion 126.90 (126.60 to 127.60): VU033257.D (-1742) (-)



#39

cis-1,3-Dichloropropene

Concen: 1.686 ug/L

RT: 7.25 min Scan# 1916

Delta R.T. -0.00 min

Lab File: VU033266.D

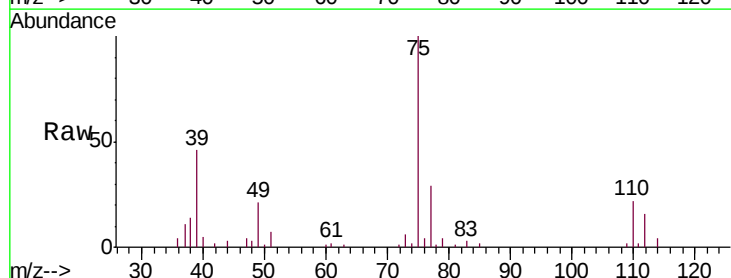
Acq: 16 Jul 2019 16:36

Tgt Ion: 75 Resp: 25488

Ion Ratio Lower Upper

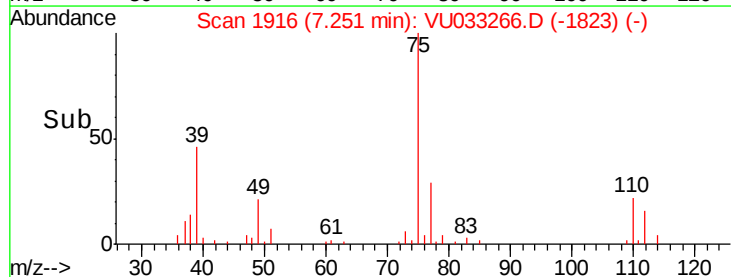
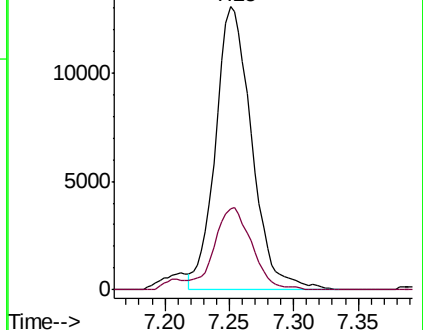
75 100

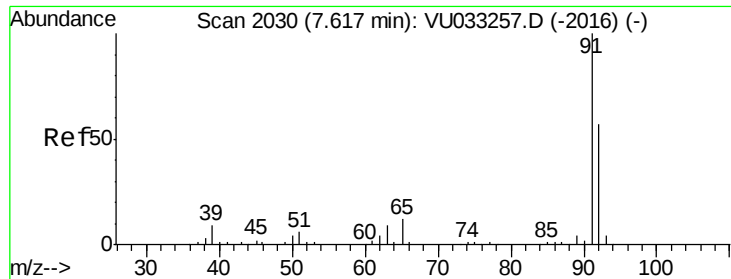
77 28.6 22.1 41.1



Abundance Ion 75.05 (74.75 to 75.75): VU033257.D (-1894) (-)

Ion 77.05 (76.75 to 77.75): VU033257.D (-1894) (-)





#42

Toluene

Concen: 3.042 ug/L

RT: 7.62 min Scan# 2030

Delta R.T. -0.00 min

Lab File: VU033266.D

Acq: 16 Jul 2019 16:36

Instrument :

MSVOA_U

ClientSampleId :

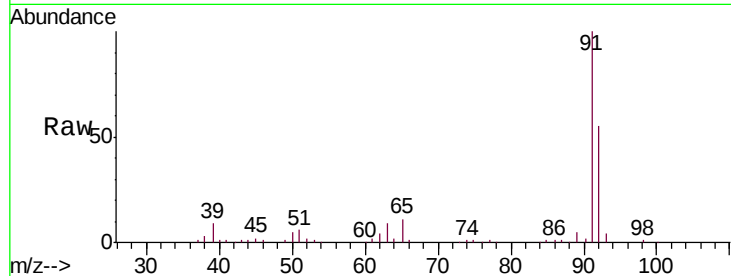
X2H31

Tgt Ion: 91 Resp: 127981

Ion Ratio Lower Upper

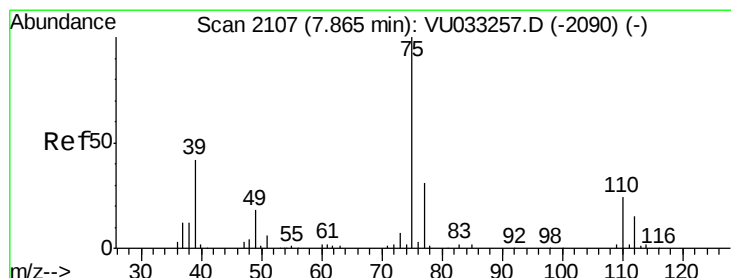
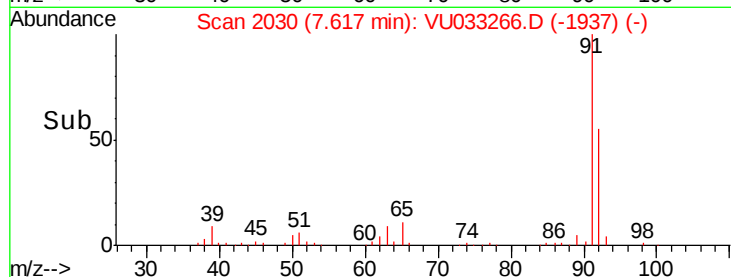
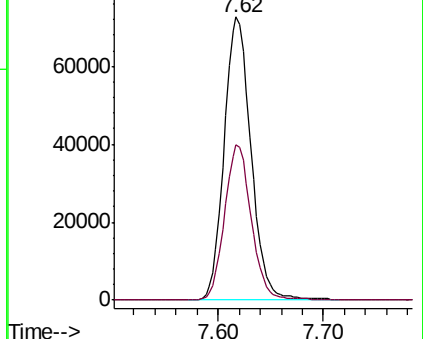
91 100

92 54.8 40.0 74.2



Abundance Ion 91.15 (90.85 to 91.85): VU033257.D (-2016) (-)

Ion 92.15 (91.85 to 92.85): VU033257.D (-2016) (-)



#44

trans-1,3-Dichloropropene

Concen: 0.083 ug/L

RT: 7.83 min Scan# 2097

Delta R.T. -0.03 min

Lab File: VU033266.D

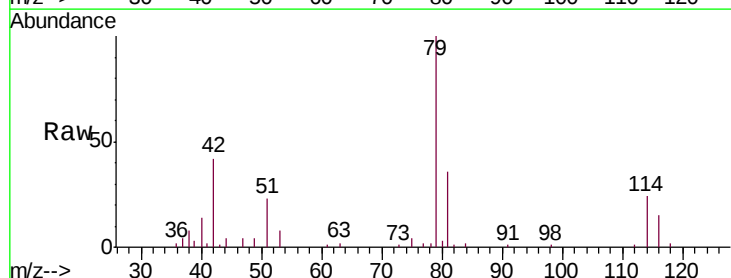
Acq: 16 Jul 2019 16:36

Tgt Ion: 75 Resp: 1016

Ion Ratio Lower Upper

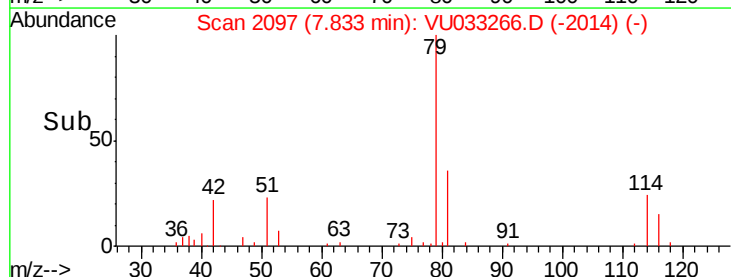
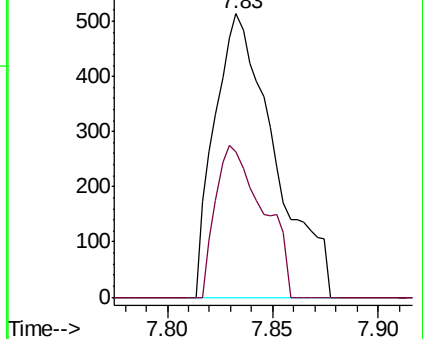
75 100

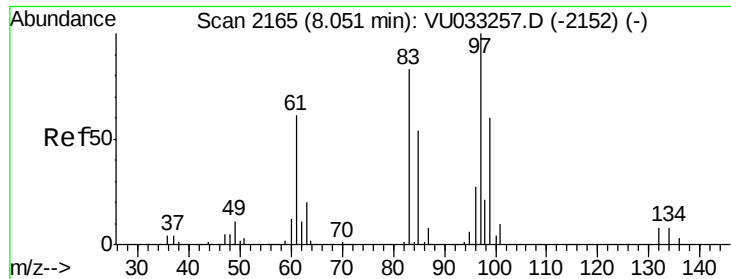
77 51.3 21.6 40.0#



Abundance Ion 75.05 (74.75 to 75.75): VU033257.D (-2090) (-)

Ion 77.05 (76.75 to 77.75): VU033257.D (-2090) (-)

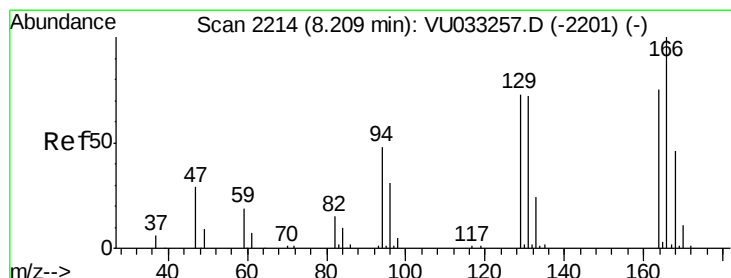
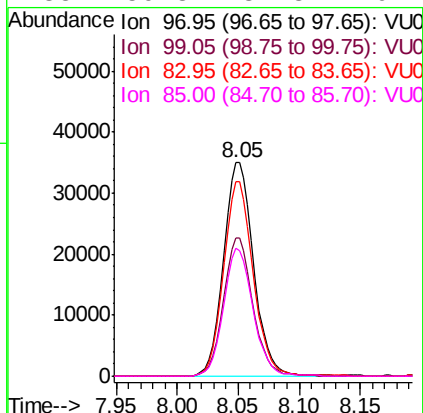
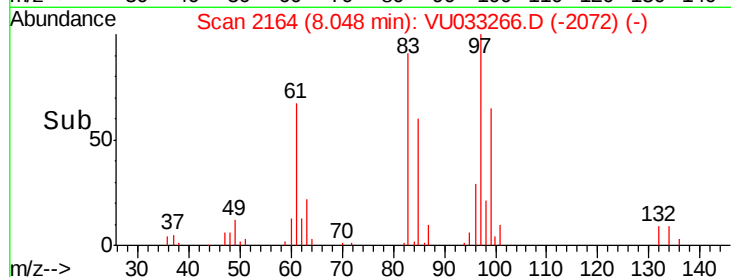
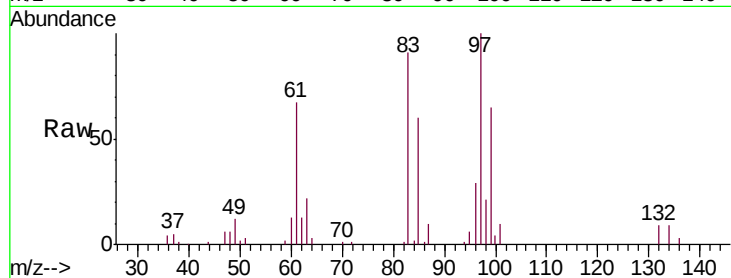




#45
 1,1,2-Trichloroethane
 Concen: 7.995 ug/L
 RT: 8.05 min Scan# 2164
 Delta R.T. -0.00 min
 Lab File: VU033266.D
 Acq: 16 Jul 2019 16:36

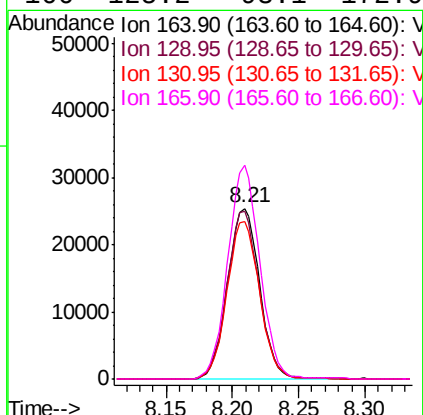
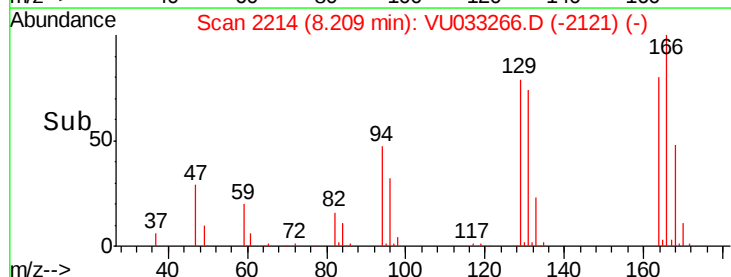
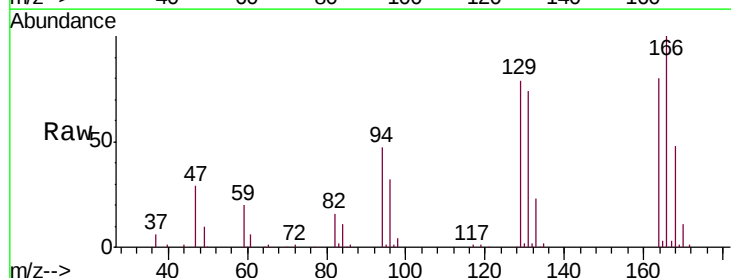
Instrument :
 MSVOA_U
 ClientSampleId :
 X2H31

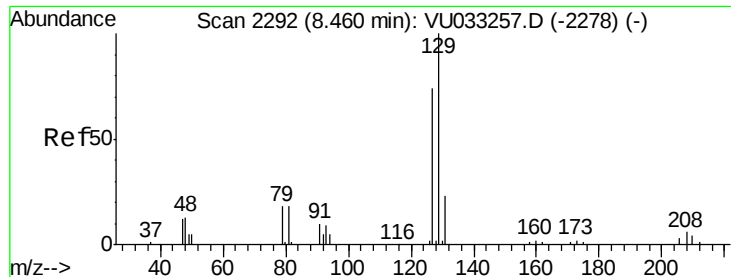
Tgt Ion:	97	Resp:	60593
Ion	Ratio	Lower	Upper
97	100		
99	64.9	42.3	78.5
83	90.9	58.0	107.6
85	59.8	37.8	70.2



#47
 Tetrachloroethene
 Concen: 5.157 ug/L
 RT: 8.21 min Scan# 2214
 Delta R.T. -0.00 min
 Lab File: VU033266.D
 Acq: 16 Jul 2019 16:36

Tgt Ion:	164	Resp:	42864
Ion	Ratio	Lower	Upper
164	100		
129	98.6	68.5	127.1
131	92.2	67.3	124.9
166	125.2	93.1	172.9





#49

Dibromochloromethane

Concen: 5.775 ug/L

RT: 8.46 min Scan# 2292

Delta R.T. -0.00 min

Lab File: VU033266.D

Acq: 16 Jul 2019 16:36

Instrument :

MSVOA_U

ClientSampleId :

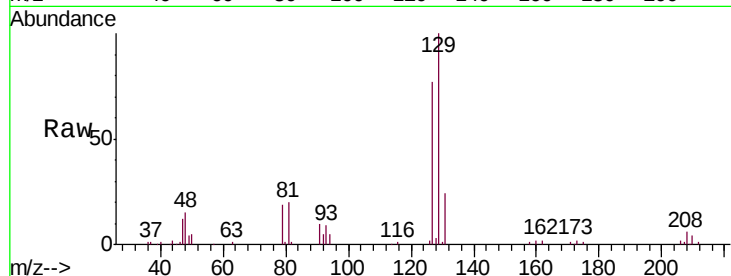
X2H31

Tgt Ion:129 Resp: 52709

Ion Ratio Lower Upper

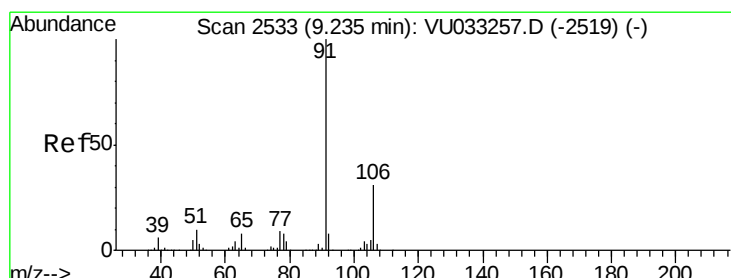
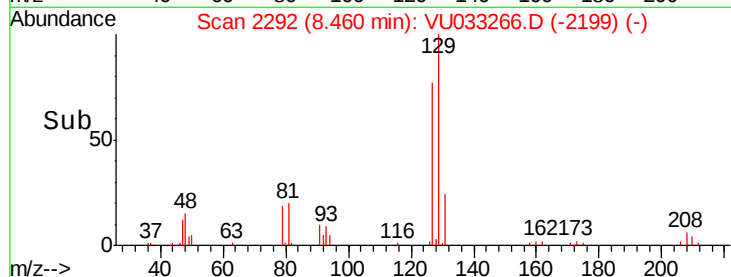
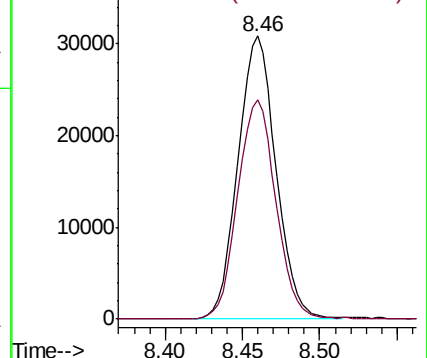
129 100

127 77.4 51.9 96.5



Abundance Ion 128.95 (128.65 to 129.65): V

Ion 126.90 (126.60 to 127.60): V



#52

Ethylbenzene

Concen: 10.345 ug/L

RT: 9.23 min Scan# 2532

Delta R.T. -0.00 min

Lab File: VU033266.D

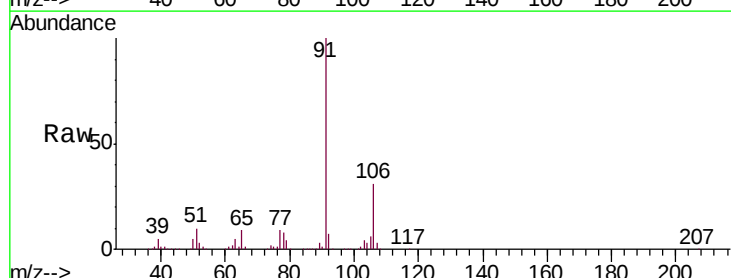
Acq: 16 Jul 2019 16:36

Tgt Ion: 91 Resp: 464660

Ion Ratio Lower Upper

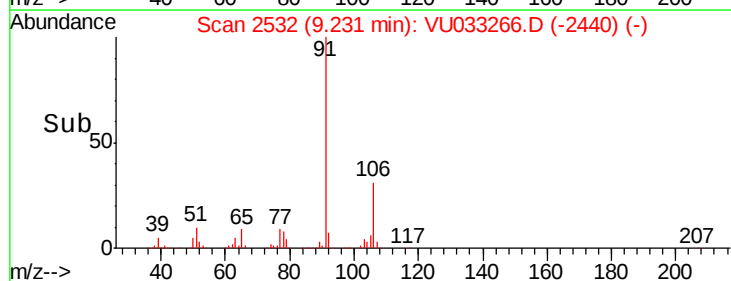
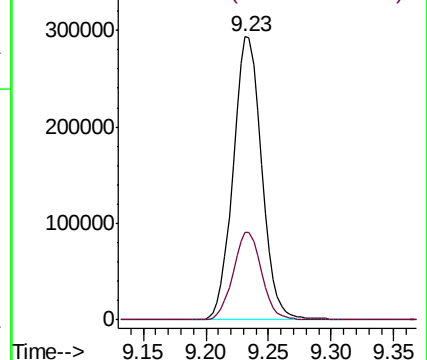
91 100

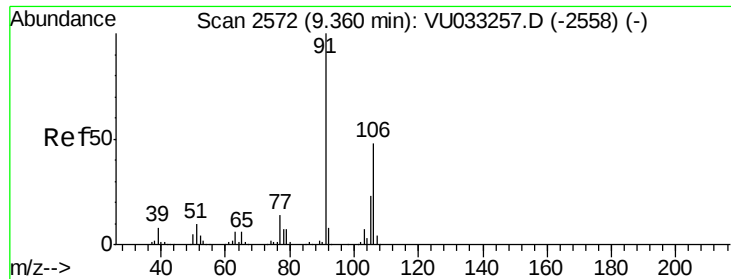
106 30.8 21.6 40.2



Abundance Ion 91.15 (90.85 to 91.85): VU0

Ion 106.15 (105.85 to 106.85): V





#53

m,p-Xylene

Concen: 8.457 ug/L

RT: 9.23 min Scan# 2532

Delta R.T. -0.13 min

Lab File: VU033266.D

Acq: 16 Jul 2019 16:36

Instrument :

MSVOA_U

ClientSampleId :

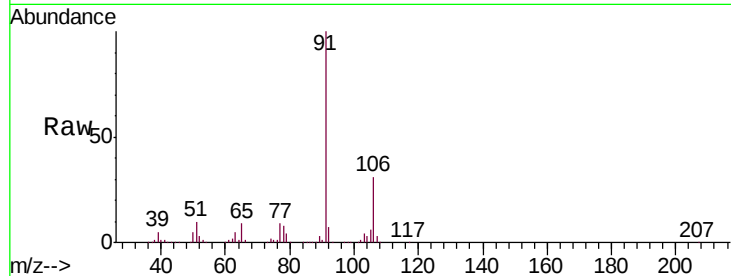
X2H31

Tgt Ion:106 Resp: 143511

Ion Ratio Lower Upper

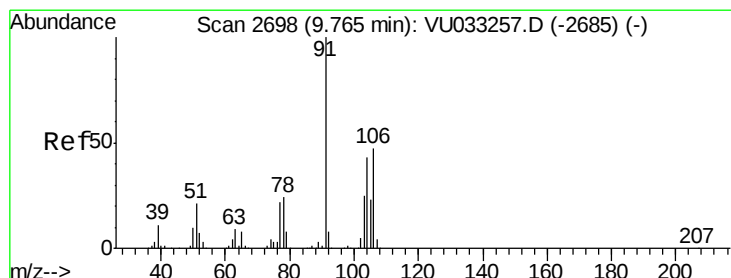
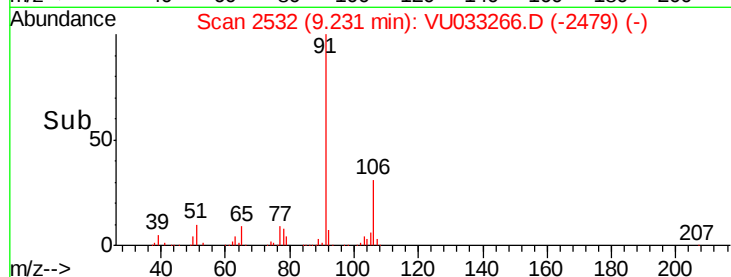
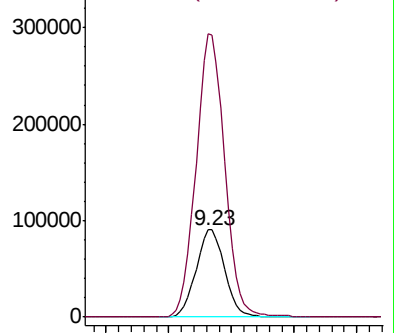
106 100

91 324.2 147.6 274.0#



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VU0



#54

o-Xylene

Concen: 3.004 ug/L

RT: 9.76 min Scan# 2697

Delta R.T. -0.00 min

Lab File: VU033266.D

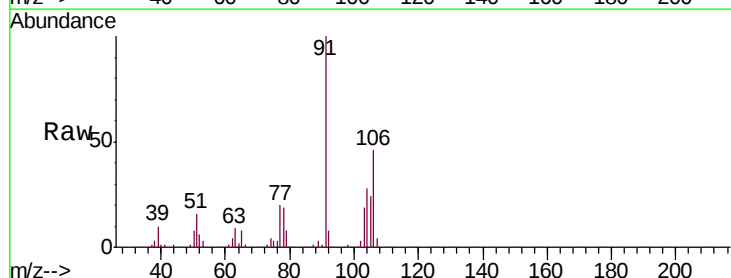
Acq: 16 Jul 2019 16:36

Tgt Ion:106 Resp: 48601

Ion Ratio Lower Upper

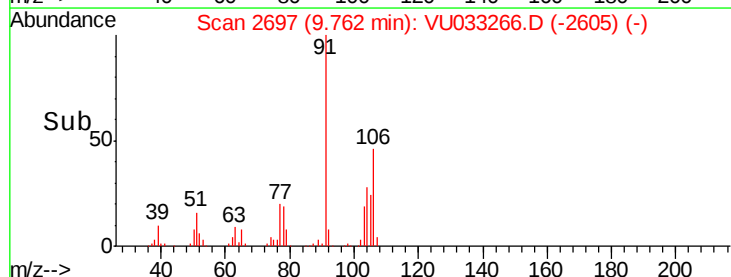
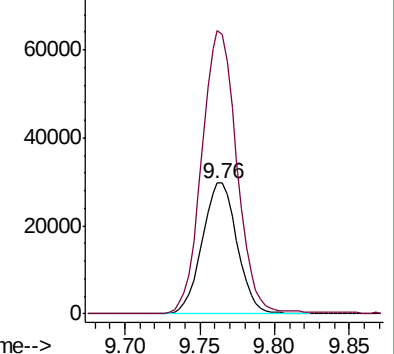
106 100

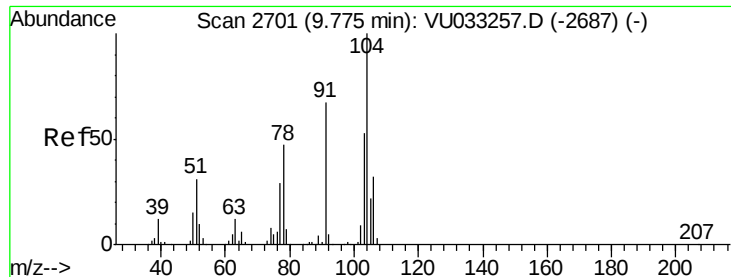
91 216.5 148.5 275.7



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VU0

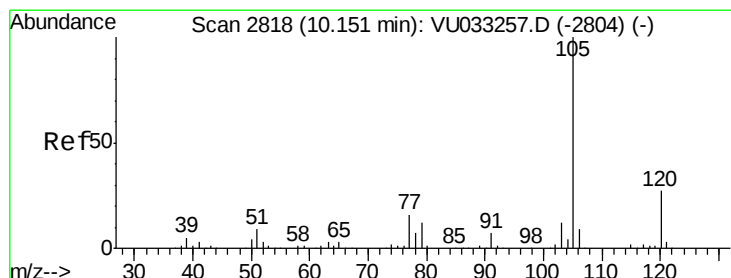
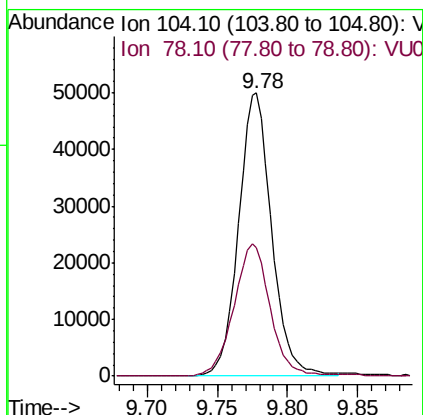
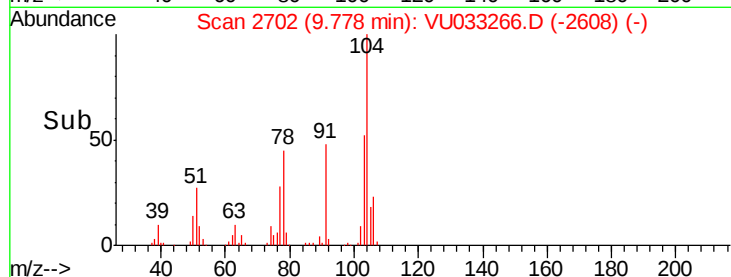
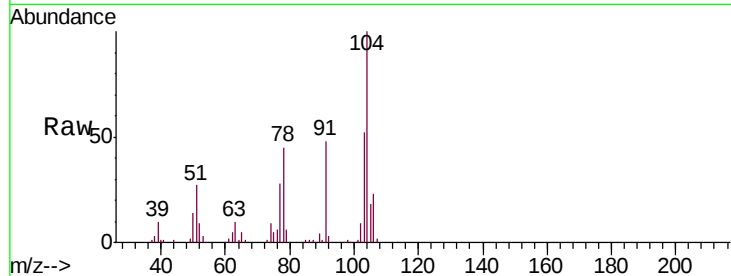




#55
Styrene
Concen: 2.910 ug/L
RT: 9.78 min Scan# 2702
Delta R.T. 0.00 min
Lab File: VU033266.D
Acq: 16 Jul 2019 16:36

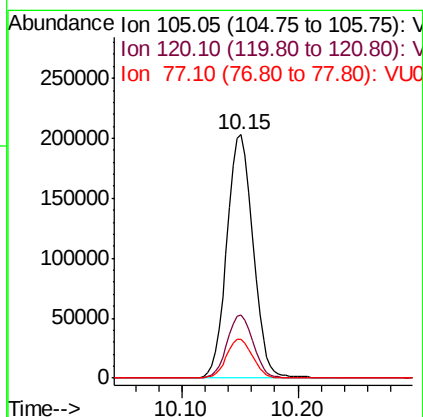
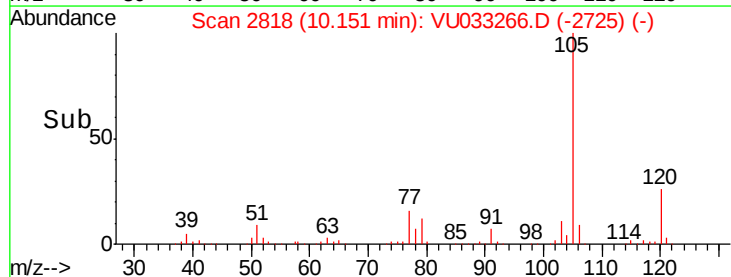
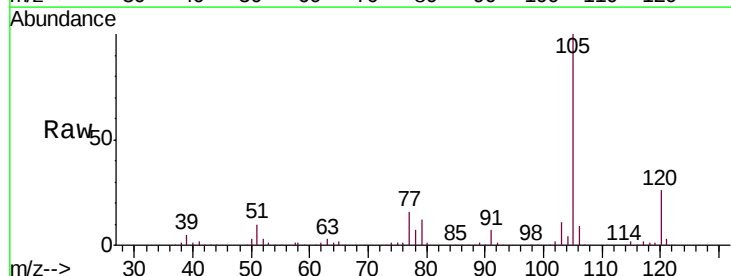
Instrument :
MSVOA_U
ClientSampled :
X2H31

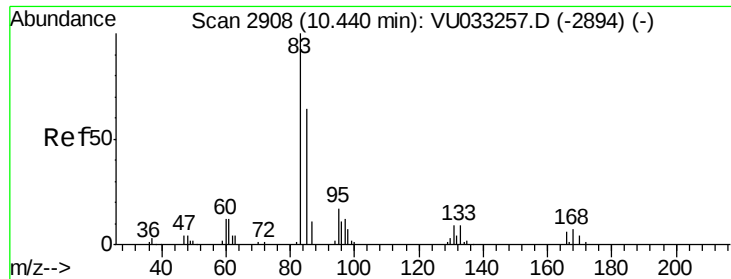
Tgt Ion:104 Resp: 82029
Ion Ratio Lower Upper
104 100
78 45.4 32.8 60.8



#56
Isopropylbenzene
Concen: 7.414 ug/L
RT: 10.15 min Scan# 2818
Delta R.T. -0.00 min
Lab File: VU033266.D
Acq: 16 Jul 2019 16:36

Tgt Ion:105 Resp: 318846
Ion Ratio Lower Upper
105 100
120 25.8 21.3 31.9
77 16.1 13.0 19.4





#58

1,1,2,2-Tetrachloroethane

Concen: 4.768 ug/L

RT: 10.44 min Scan# 2909

Delta R.T. 0.00 min

Lab File: VU033266.D

Acq: 16 Jul 2019 16:36

Instrument :

MSVOA_U

ClientSampleId :

X2H31

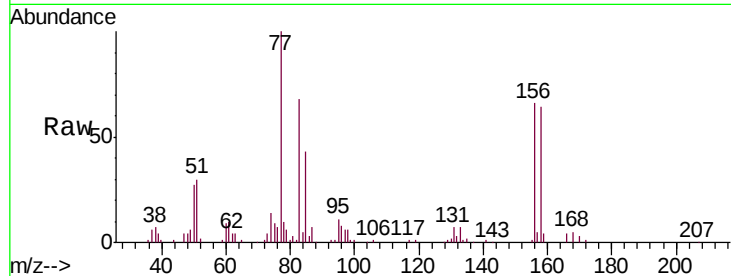
Tgt Ion: 83 Resp: 46259

Ion Ratio Lower Upper

83 100

85 63.0 44.6 82.8

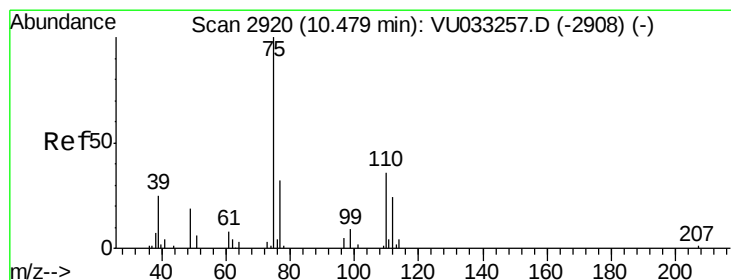
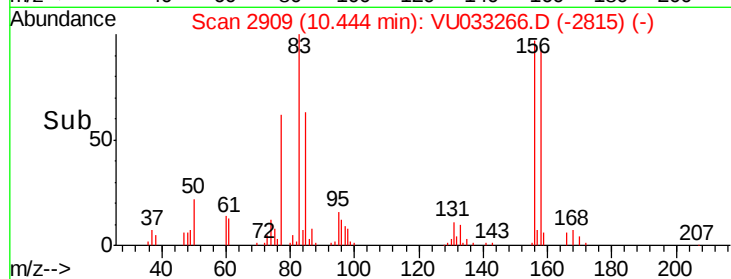
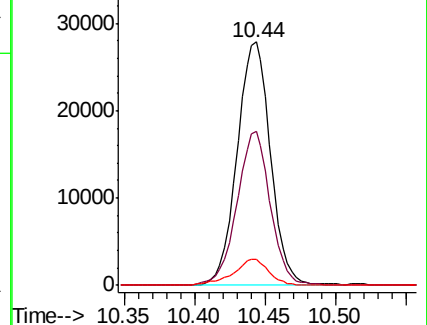
131 10.6 7.4 11.2



Abundance Ion 82.95 (82.65 to 83.65): VU033266.D (-2815) (-)

Ion 85.00 (84.70 to 85.70): VU033266.D (-2815) (-)

Ion 130.95 (130.65 to 131.65): VU033266.D (-2815) (-)



#59

1,2,3-Trichloropropane

Concen: 1.335 ug/L

RT: 11.47 min Scan# 3228

Delta R.T. 0.99 min

Lab File: VU033266.D

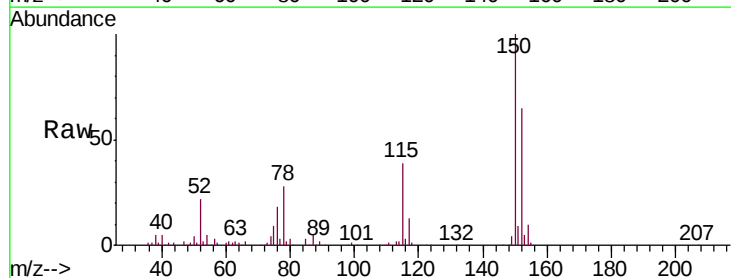
Acq: 16 Jul 2019 16:36

Tgt Ion: 75 Resp: 9226

Ion Ratio Lower Upper

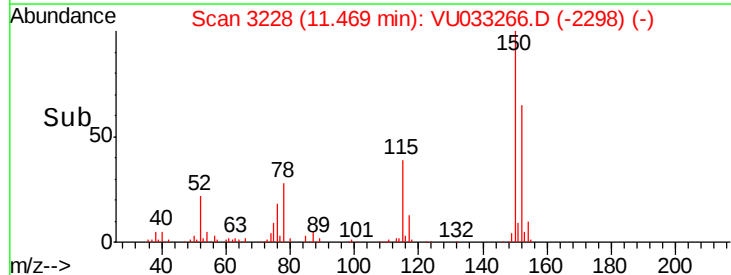
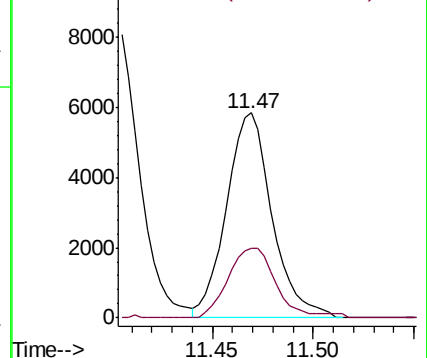
75 100

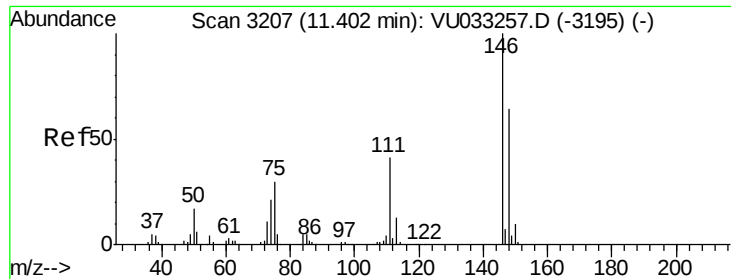
77 35.1 26.5 39.7



Abundance Ion 75.00 (74.70 to 75.70): VU033266.D (-2298) (-)

Ion 77.00 (76.70 to 77.70): VU033266.D (-2298) (-)





#62

1,3-Dichlorobenzene

Concen: 2.112 ug/L

RT: 11.40 min Scan# 3207

Delta R.T. -0.00 min

Lab File: VU033266.D

Acq: 16 Jul 2019 16:36

Instrument :

MSVOA_U

ClientSampleId :

X2H31

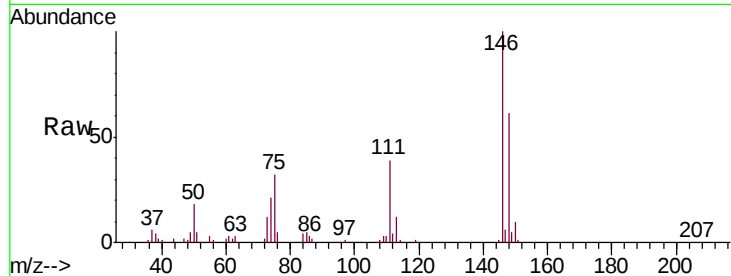
Tgt Ion:146 Resp: 43971

Ion Ratio Lower Upper

146 100

111 39.1 28.6 53.2

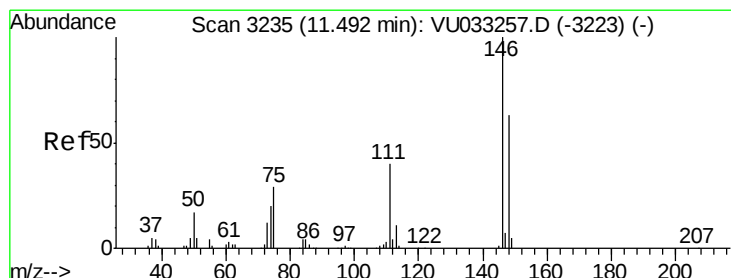
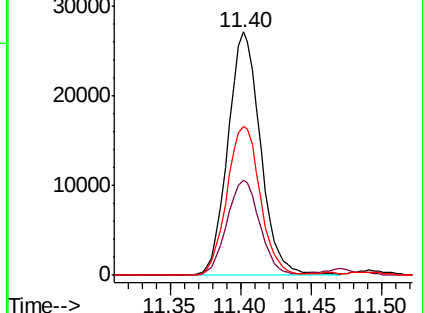
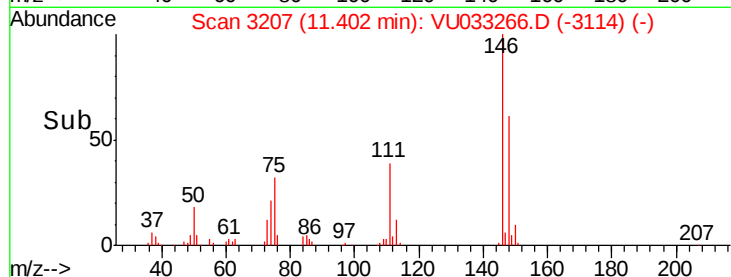
148 61.3 45.0 83.6



Abundance Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#63

1,4-Dichlorobenzene

Concen: 2.005 ug/L

RT: 11.40 min Scan# 3207

Delta R.T. -0.09 min

Lab File: VU033266.D

Acq: 16 Jul 2019 16:36

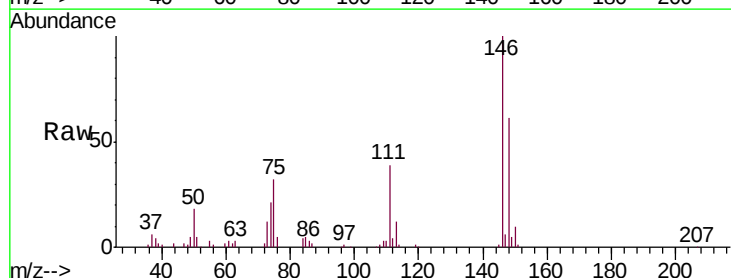
Tgt Ion:146 Resp: 43971

Ion Ratio Lower Upper

146 100

111 39.1 27.9 51.7

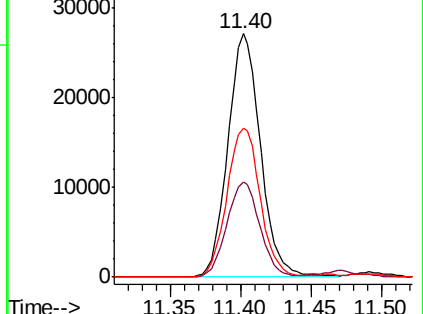
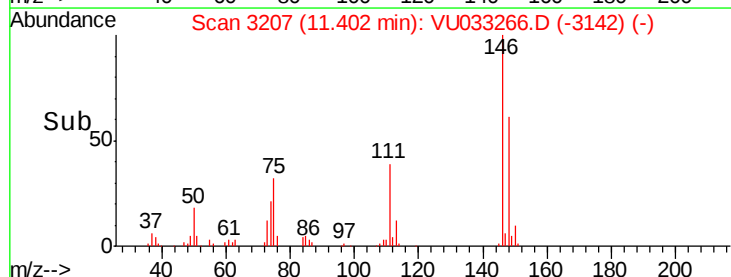
148 61.3 44.1 81.9

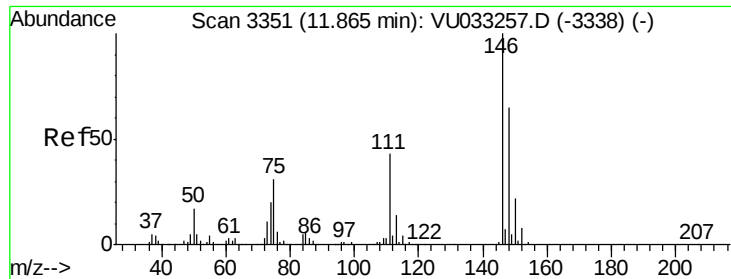


Abundance Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V





#65
 1,2-Dichlorobenzene
 Concen: 2.041 ug/L
 RT: 11.86 min Scan# 3351
 Delta R.T. -0.00 min
 Lab File: VU033266.D
 Acq: 16 Jul 2019 16:36

Instrument :
 MSVOA_U
 ClientSampleId :
 X2H31

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.5	34.2	51.4
148	62.1	52.0	78.0

