LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091923\
Data File : VD077155.D
Acq On : 19 Sep 2023 19:20
Operator : JC/SY
Sample : 04491-07
Misc : 6.15G/5.0ml/MSVOA_D/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
B102-03(2.5-3)

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D091823S.M
Title : SW846 8260

Signal : TIC: VD077155.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.740	19	26	36	rVB	412995	755196	100.00%	16.895%
2	1.893	47	52	58	rVB2	17795	22801	3.02%	0.510%
3	2.105	84	88	94	rBV	18129	24862	3.29%	0.556%
4	2.275	106	117	127	rBV	41396	69017	9.14%	1.544%
5	2.940	223	230	240	rVB3	27670	57559	7.62%	1.288%
6	3.299	283	291	300	rVB4	14736	34042	4.51%	0.762%
7	4.793	532	545	556	rBV4	21046	78766	10.43%	1.762%
8	5.834	711	722	735	rVB4	21814	67517	8.94%	1.510%
9	7.804	1048	1057	1063	rBV2	128661	318677	42.20%	7.129%
10	7.875	1063	1069	1078	rVB	134017	299108	39.61%	6.692%
11	8.228	1119	1129	1142	rBV2	85523	197178	26.11%	4.411%
12	8.634	1193	1198	1204	rVB4	6366	12727	1.69%	0.285%
13	8.775	1214	1222	1234	rVB	252359	519145	68.74%	11.614%
14	9.269	1299	1306	1315	rBV3	29665	64026	8.48%	1.432%
15	10.269	1468	1476	1483	rBV	418747	753260	99.74%	16.852%
16	10.328	1483	1486	1494	rVB	20977	39253	5.20%	0.878%
17	10.457	1502	1508	1511	rBV5	6274	10719	1.42%	0.240%
18	11.175	1626	1630	1637	rVB3	8554	14656	1.94%	0.328%
19	11.581	1691	1699	1713	rBV	327182	553514	73.29%	12.383%
20	11.792	1727	1735	1741	rBV2	25297	51927	6.88%	1.162%
21	12.122	1787	1791	1796	rVB3	8751	15575	2.06%	0.348%
22	12.575	1861	1868	1875	rVB2	163985	267883	35.47%	5.993%
23	13.216	1971	1977	1982	rVB4	5629	8013	1.06%	0.179%
24	13.516	2022	2028	2040	rVB	124789	216045	28.61%	4.833%
25	14.892	2253	2262	2264	rBV4	8349	18450	2.44%	0.413%

Sum of corrected areas: 4469916

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Instrument :
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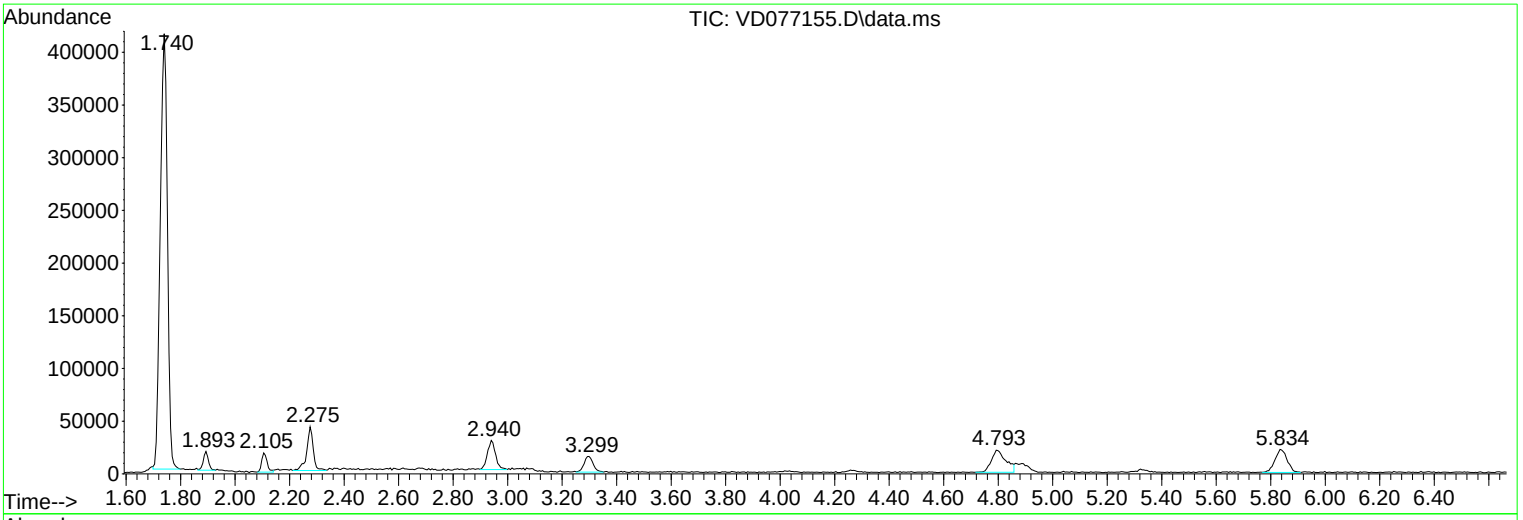
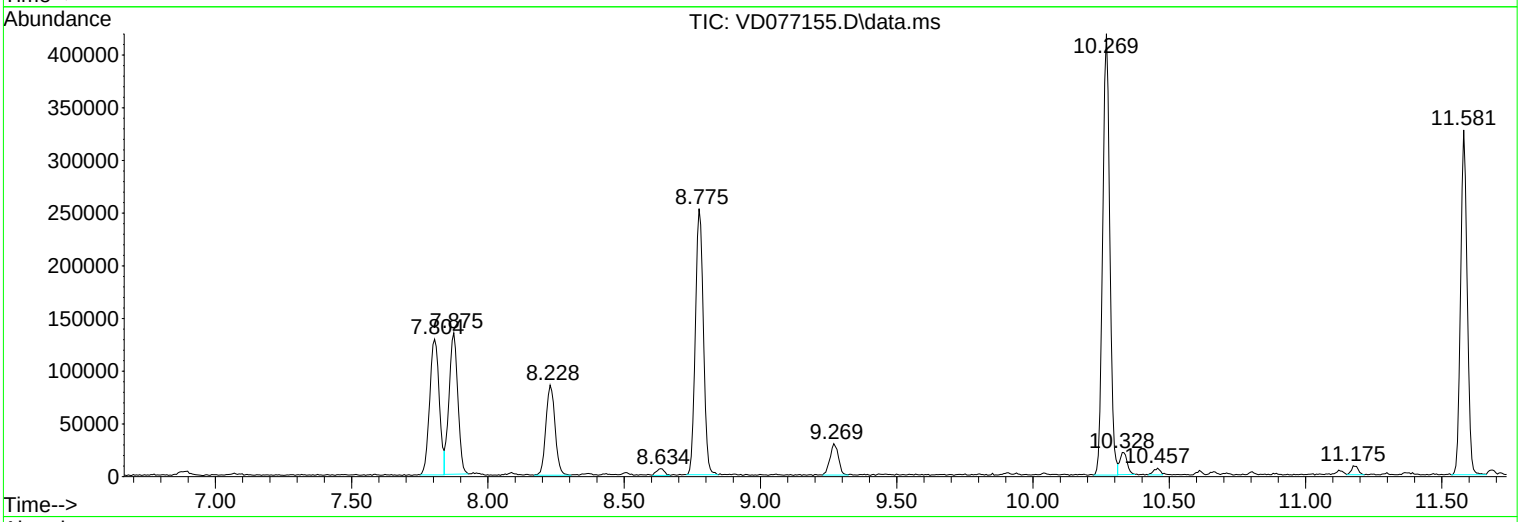
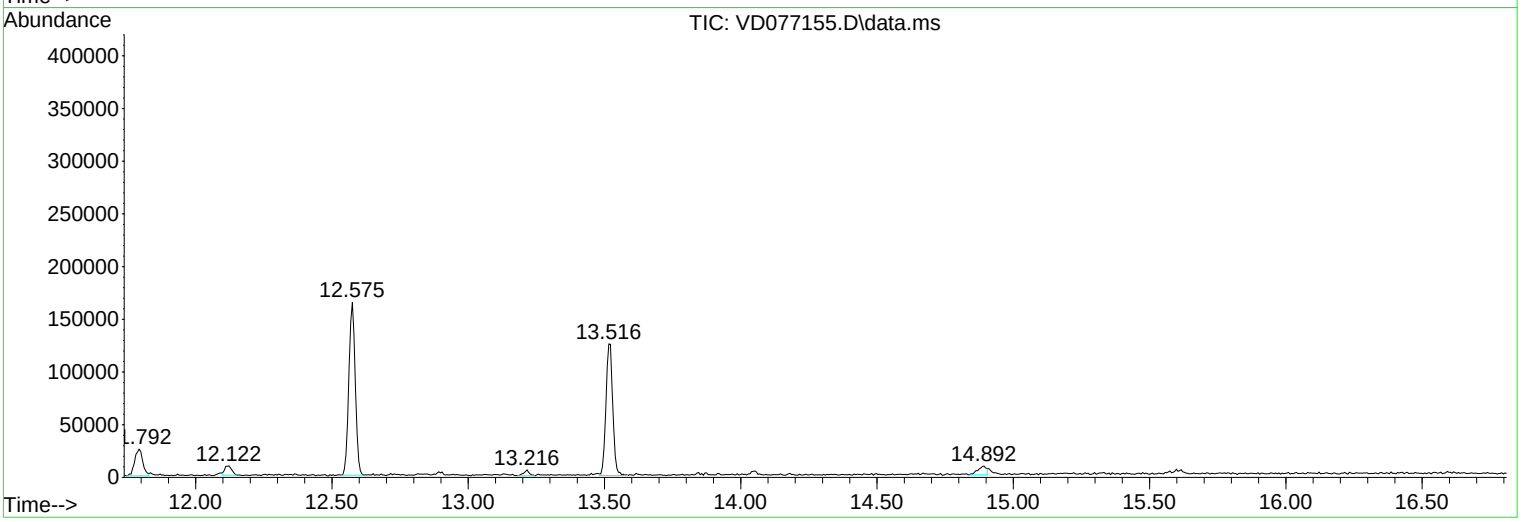
ClientSampleId :
B102-03(2.5-3)

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D091823S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P







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Quant Title : SW846 8260

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TIC Integration Parameters: LSCINT.P

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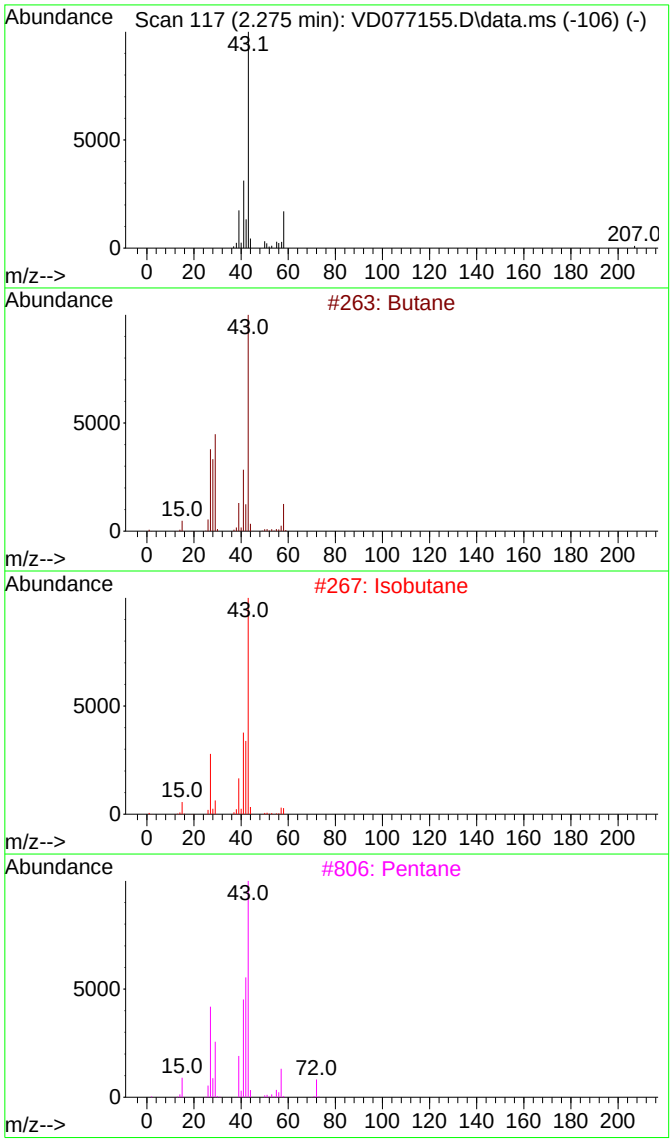
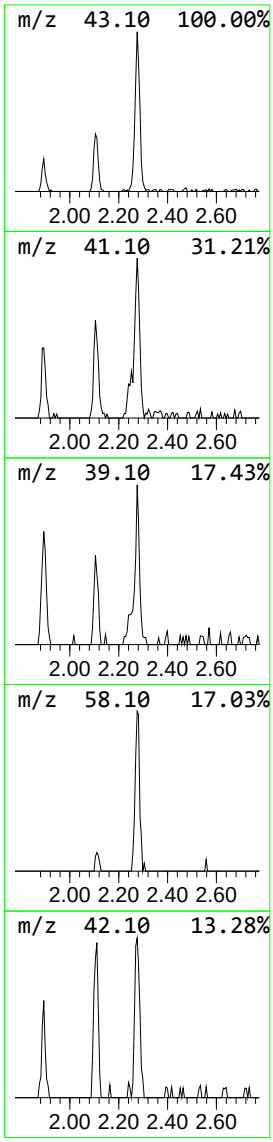
Peak Number 2 Butane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.275	11.54 ug/l	69017	Pentafluorobenzene	7.875

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane	58	C4H10	000106-97-8	64
2	Isobutane	58	C4H10	000075-28-5	9
3	Pentane	72	C5H12	000109-66-0	9
4	Propane, 1-isocyanato-2-methyl-	99	C5H9NO	001873-29-6	9
5	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	9





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ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
B102-03(2.5-3)

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D091823S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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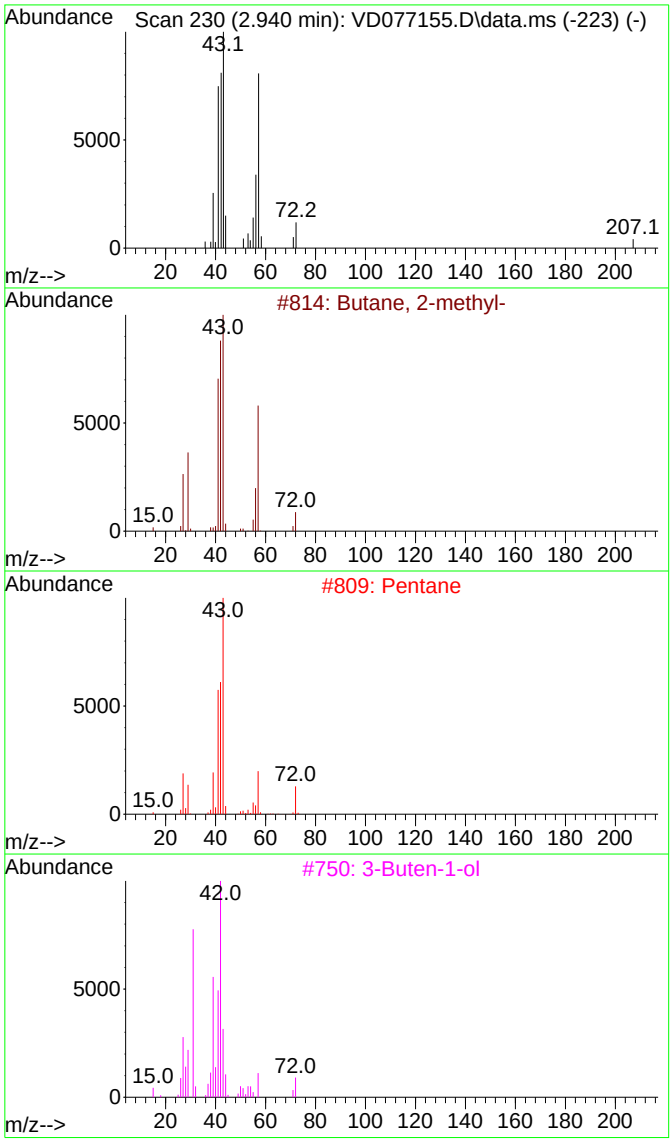
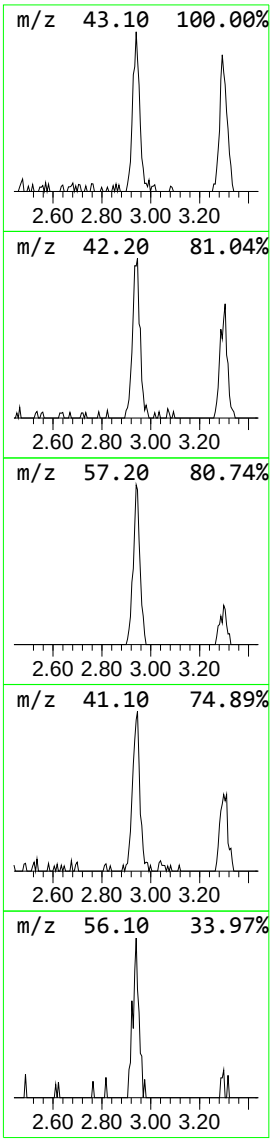
Peak Number 3 Butane, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.940	9.62 ug/l	57559	Pentafluorobenzene	7.875

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methyl-	72	C5H12	000078-78-4	86
2	Pentane	72	C5H12	000109-66-0	59
3	3-Buten-1-ol	72	C4H8O	000627-27-0	43
4	2(3H)-Furanone, dihydro-4-methyl-	100	C5H8O2	001679-49-8	33
5	Butane, 1-chloro-2-methyl-	106	C5H11Cl	000616-13-7	22





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Operator : JC/SY
Sample : 04491-07
Misc : 6.15G/5.0ml/MSVOA_D/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
B102-03(2.5-3)

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D091823S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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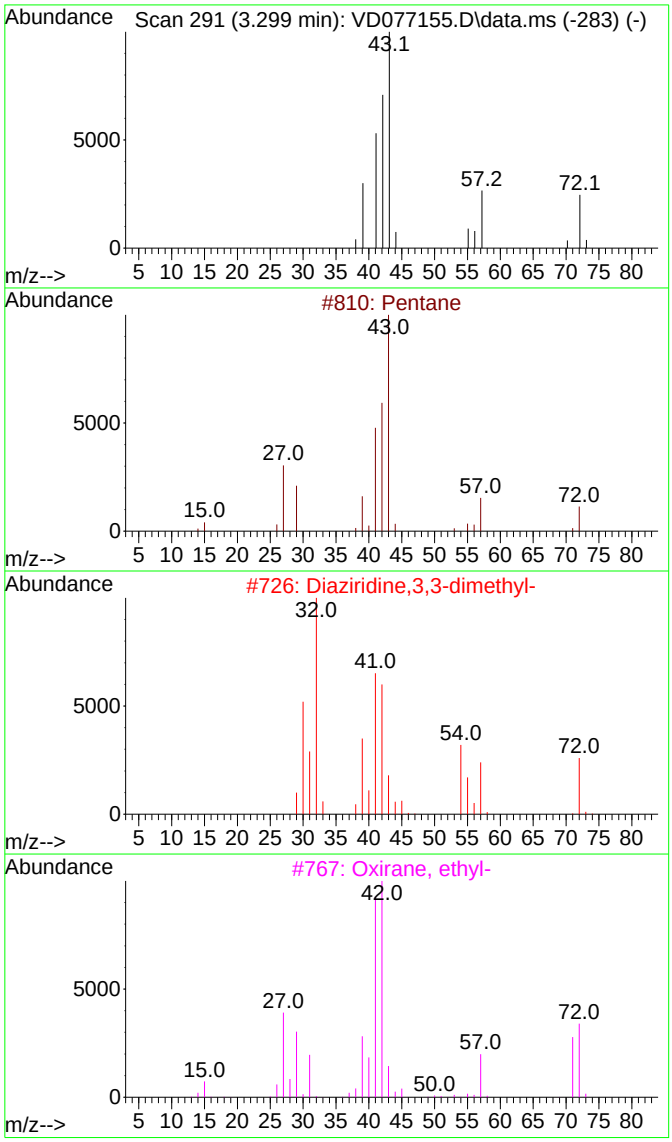
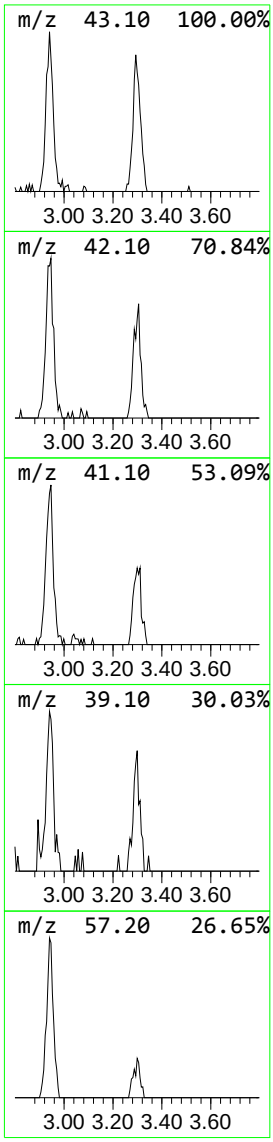
Peak Number 4 Pentane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.299	5.69 ug/l	34042	Pentafluorobenzene	7.875

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane	72	C5H12	000109-66-0	86
2	Diaziridine,3,3-dimethyl-	72	C3H8N2	004901-76-2	58
3	Oxirane, ethyl-	72	C4H8O	000106-88-7	40
4	1-Propene, 2-methoxy-	72	C4H8O	000116-11-0	40
5	Tetrahydrofuran	72	C4H8O	000109-99-9	38





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Misc : 6.15G/5.0ml/MSVOA_D/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
B102-03(2.5-3)

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D091823S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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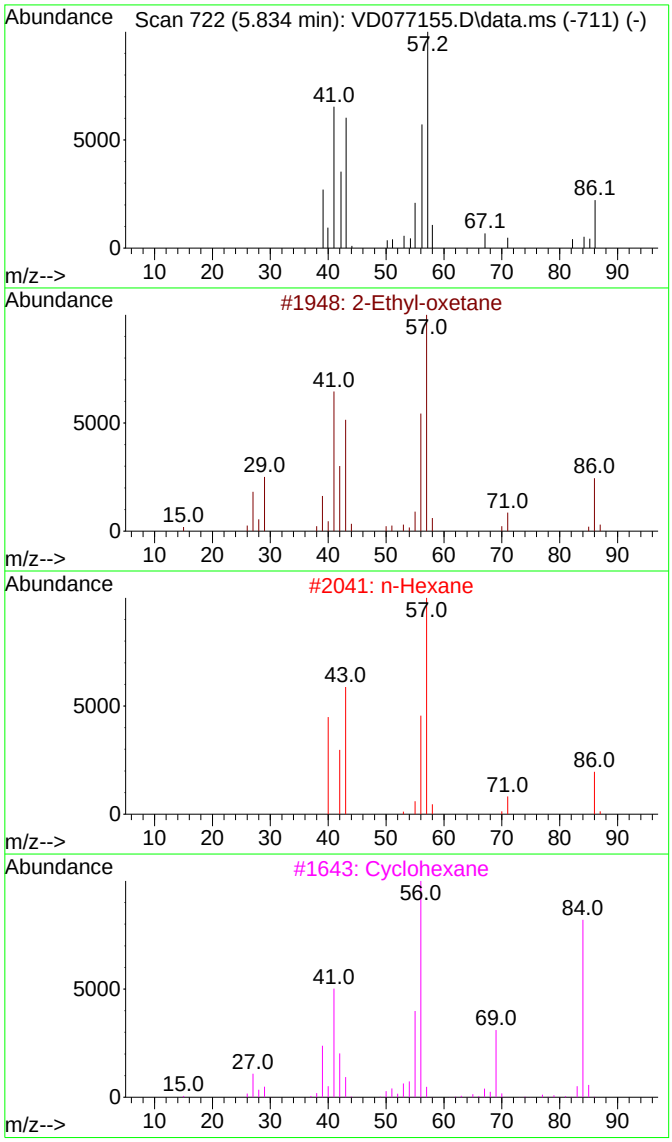
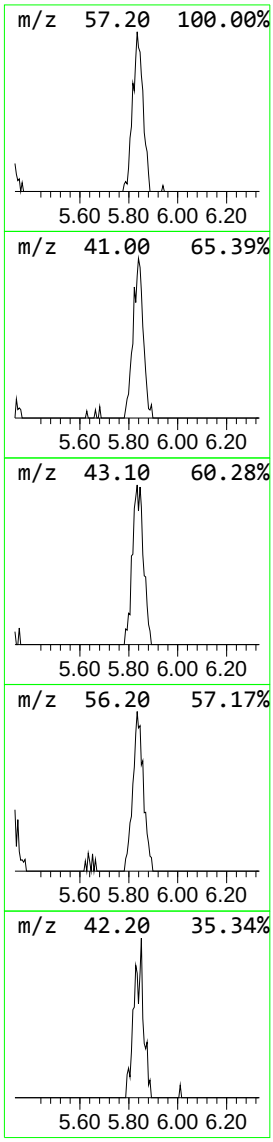
Peak Number 6 2-Ethyl-oxetane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.834	11.29 ug/l	67517	Pentafluorobenzene	7.875

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Ethyl-oxetane	86	C5H10O	1010386-40-2	72
2	n-Hexane	86	C6H14	000110-54-3	59
3	Cyclohexane	84	C6H12	000110-82-7	38
4	Hydroperoxide, hexyl	118	C6H14O2	004312-76-9	37
5	3-Buten-1-ol, 2-methyl-	86	C5H10O	004516-90-9	25





Tentatively Identified Compound (LSC) summary

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Misc : 6.15G/5.0ml/MSVOA_D/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
B102-03(2.5-3)

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D091823S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane	2.275	11.5	ug/l	69017	1	7.875	299108	50.0
Butane, 2-methyl-	2.940	9.6	ug/l	57559	1	7.875	299108	50.0
Pentane	3.299	5.7	ug/l	34042	1	7.875	299108	50.0
2-Ethyl-oxetane	5.834	11.3	ug/l	67517	1	7.875	299108	50.0