LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021722\
Data File : VY007519.D
Acq On : 17 Feb 2022 13:54
Operator : SY/MD
Sample : N1465-02
Misc : 6.95g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
A5-2-6.5

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_Y\methods\82Y021422S.M
Title : SW846 8260

Signal : TIC: VY007519.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.076	36	42	56	rVB	81804	115183	2.37%	0.690%
2	2.247	61	70	80	rBV	399129	645733	13.29%	3.866%
3	2.906	167	178	201	rBV	540694	1200382	24.71%	7.186%
4	3.253	224	235	254	rBV	186447	448486	9.23%	2.685%
5	3.698	298	308	326	rVB2	56781	147435	3.04%	0.883%
6	3.942	334	348	362	rBV2	33018	103940	2.14%	0.622%
7	4.704	461	473	476	rBV2	59691	180566	3.72%	1.081%
8	4.771	478	484	502	rVV6	105737	550820	11.34%	3.298%
9	4.948	504	513	532	rVB2	67639	249494	5.14%	1.494%
10	5.228	544	559	580	rBV4	169980	675743	13.91%	4.045%
11	5.746	632	644	660	rVB	41597	126874	2.61%	0.760%
12	6.106	689	703	715	rBV3	46663	159436	3.28%	0.954%
13	6.240	715	725	733	rBV5	17176	50948	1.05%	0.305%
14	6.539	764	774	785	rBV3	28899	88642	1.82%	0.531%
15	6.691	788	799	805	rVV3	17475	54497	1.12%	0.326%
16	6.789	805	815	825	rVV	124523	393467	8.10%	2.356%
17	7.527	928	936	946	rVB	44187	111962	2.30%	0.670%
18	7.716	957	967	972	rBV	76235	196421	4.04%	1.176%
19	7.783	972	978	986	rVV2	180210	467633	9.63%	2.800%
20	7.868	986	992	1003	rVB2	49368	128785	2.65%	0.771%
21	8.002	1005	1014	1020	rBV	33499	78701	1.62%	0.471%
22	8.161	1029	1040	1048	rBV	2220928	4857663	100.00%	29.081%
23	8.240	1048	1053	1062	rVV2	109655	311200	6.41%	1.863%
24	8.325	1063	1067	1077	rVV2	50629	157790	3.25%	0.945%
25	8.411	1077	1081	1093	rVV4	20546	50923	1.05%	0.305%
26	8.691	1118	1127	1139	rBV	215262	477848	9.84%	2.861%
27	9.179	1194	1207	1214	rBV3	64032	179058	3.69%	1.072%
28	9.618	1273	1279	1288	rVB	31036	60577	1.25%	0.363%
29	9.709	1288	1294	1296	rBV	30446	51630	1.06%	0.309%
30	9.752	1296	1301	1308	rVB2	41601	90493	1.86%	0.542%
31	9.941	1325	1332	1334	rBV2	32627	62060	1.28%	0.372%
32	9.977	1334	1338	1345	rVB	65135	116699	2.40%	0.699%
33	10.179	1364	1371	1377	rBV	307559	520489	10.71%	3.116%
34	10.240	1377	1381	1385	rVV	33005	58870	1.21%	0.352%
35	10.294	1385	1390	1395	rVV	71956	123543	2.54%	0.740%
36	11.489	1577	1586	1596	rBV	315188	524327	10.79%	3.139%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021722\
Data File : VY007519.D
Acq On : 17 Feb 2022 13:54
Operator : SY/MD
Sample : N1465-02
Misc : 6.95g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
A5-2-6.5

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_Y\methods\82Y021422S.M
Title : SW846 8260

37	11.593	1596	1603	1612	rVV	342659	560000	11.53%	3.352%
38	11.703	1612	1621	1632	rVB	121704	232034	4.78%	1.389%
39	12.026	1664	1674	1682	rBV	28659	55132	1.13%	0.330%
40	12.483	1741	1749	1758	rVB3	360676	659898	13.58%	3.951%
41	12.672	1772	1780	1786	rVB	42276	69463	1.43%	0.416%
42	12.971	1822	1829	1838	rBV	71399	110384	2.27%	0.661%
43	13.422	1897	1903	1907	rBV	274990	471385	9.70%	2.822%
44	13.629	1932	1937	1942	rVB	188511	289569	5.96%	1.734%
45	13.971	1986	1993	1998	rVB3	83058	137706	2.83%	0.824%
46	14.080	2006	2011	2017	rVB	48927	75259	1.55%	0.451%
47	14.684	2102	2110	2116	rBV3	55239	105062	2.16%	0.629%
48	15.233	2190	2200	2206	rBV	72473	119808	2.47%	0.717%

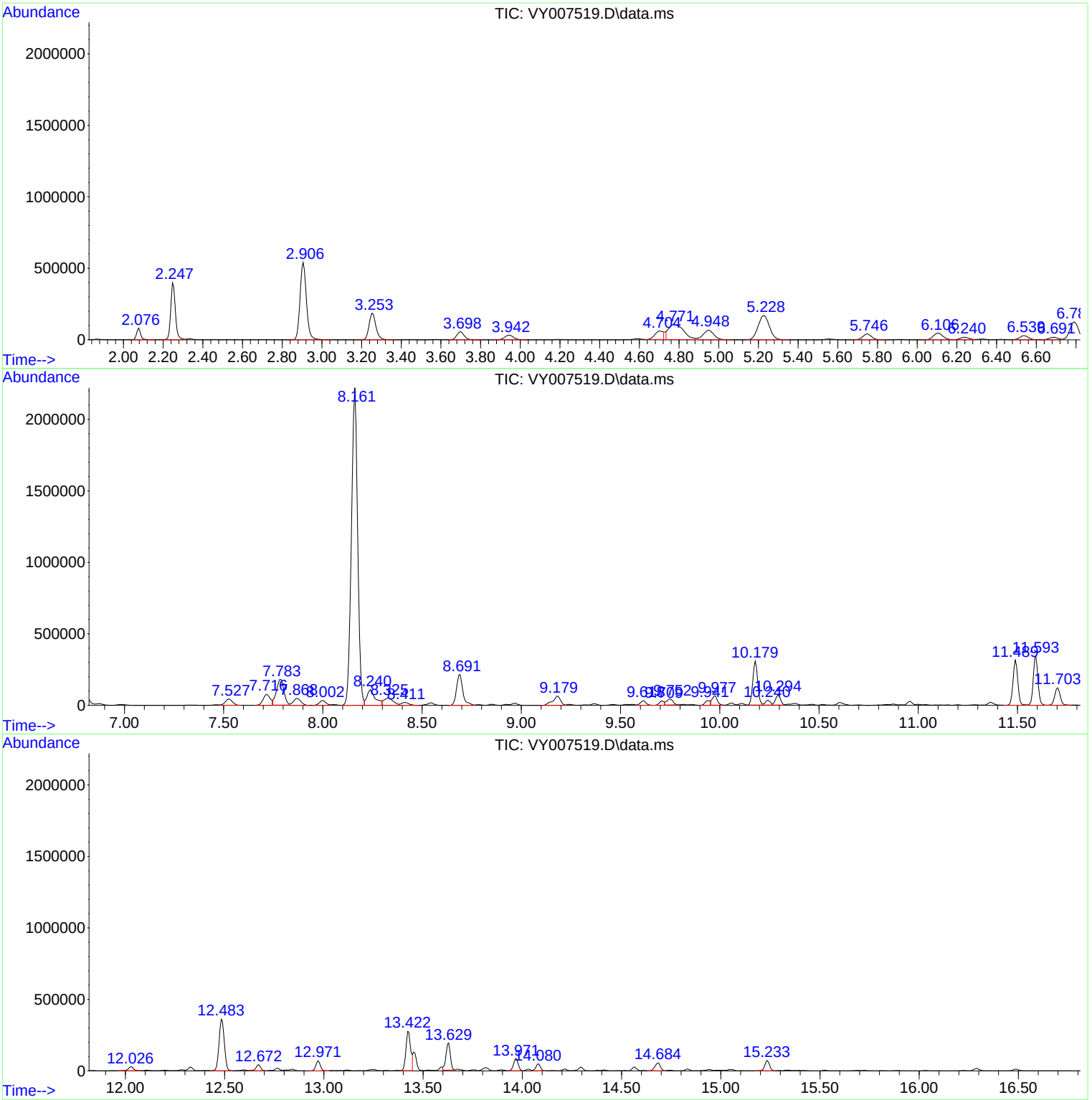
Sum of corrected areas: 16704018

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021722\
Data File : VY007519.D
Acq On : 17 Feb 2022 13:54
Operator : SY/MD
Sample : N1465-02
Misc : 6.95g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
A5-2-6.5

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y021422S.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021722\
Data File : VY007519.D
Acq On : 17 Feb 2022 13:54
Operator : SY/MD
Sample : N1465-02
Misc : 6.95g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
A5-2-6.5

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y021422S.M
Quant Title : SW846 8260

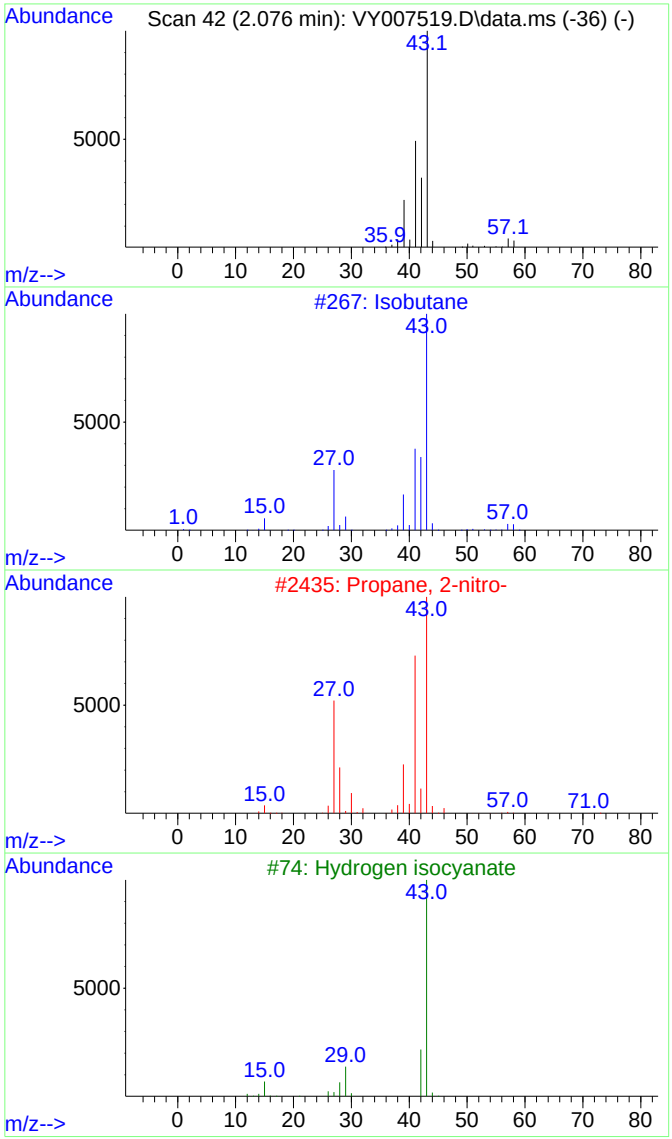
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

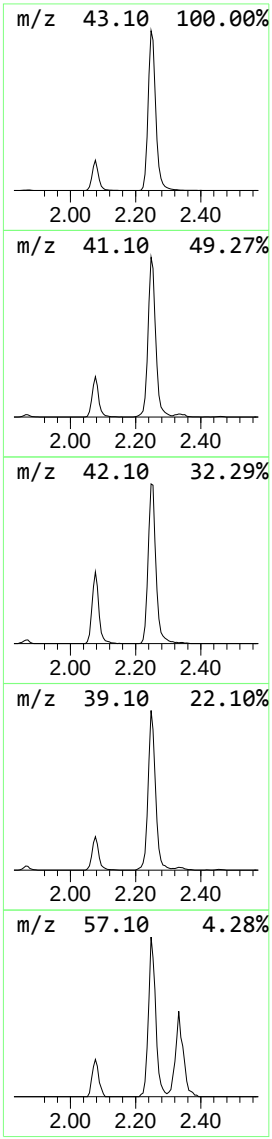
****

Peak Number 1 Isobutane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.076	12.32 ug/l	115183	Pentafluorobenzene	7.789

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isobutane	58	C4H10	000075-28-5	72
2	Propane, 2-nitro-	89	C3H7NO2	000079-46-9	9
3	Hydrogen isocyanate	43	CHNO	000075-13-8	4
4	Cyclobutylamine	71	C4H9N	002516-34-9	4
5	Isopropylsulfonyl chloride	142	C3H7ClO2S	010147-37-2	4





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021722\
Data File : VY007519.D
Acq On : 17 Feb 2022 13:54
Operator : SY/MD
Sample : N1465-02
Misc : 6.95g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
A5-2-6.5

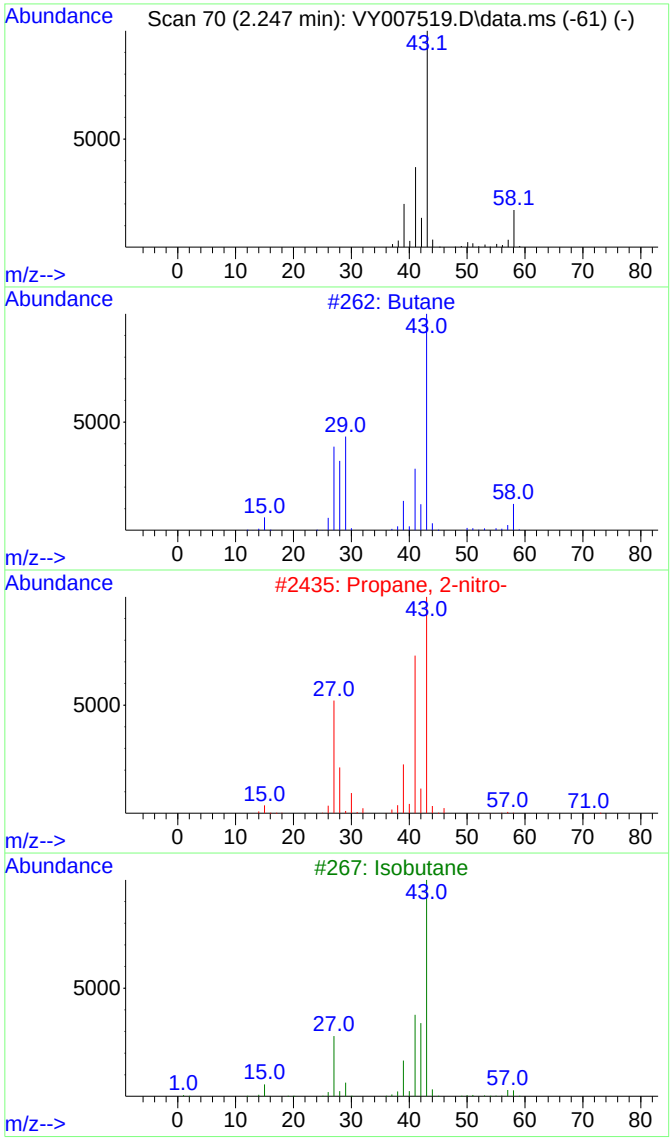
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y021422S.M
Quant Title : SW846 8260

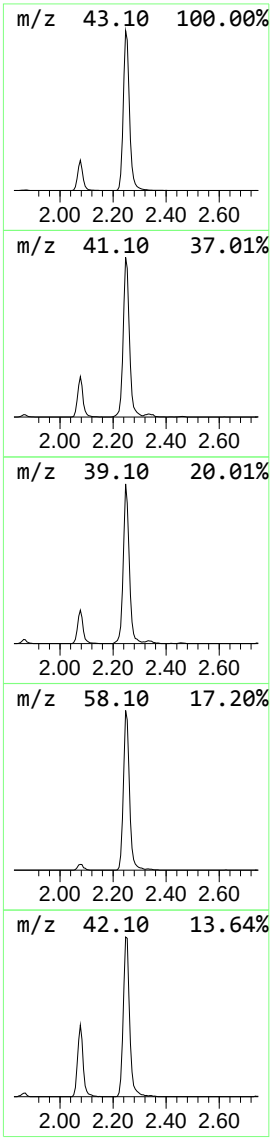
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Butane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.247	69.04 ug/l	645733	Pentafluorobenzene	7.789

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane	58	C4H10	000106-97-8	80
2	Propane, 2-nitro-	89	C3H7NO2	000079-46-9	9
3	Isobutane	58	C4H10	000075-28-5	9
4	Propane, 1-nitro-	89	C3H7NO2	000108-03-2	9
5	Isopropylsulfonyl chloride	142	C3H7ClO2S	010147-37-2	9





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021722\
Data File : VY007519.D
Acq On : 17 Feb 2022 13:54
Operator : SY/MD
Sample : N1465-02
Misc : 6.95g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
A5-2-6.5

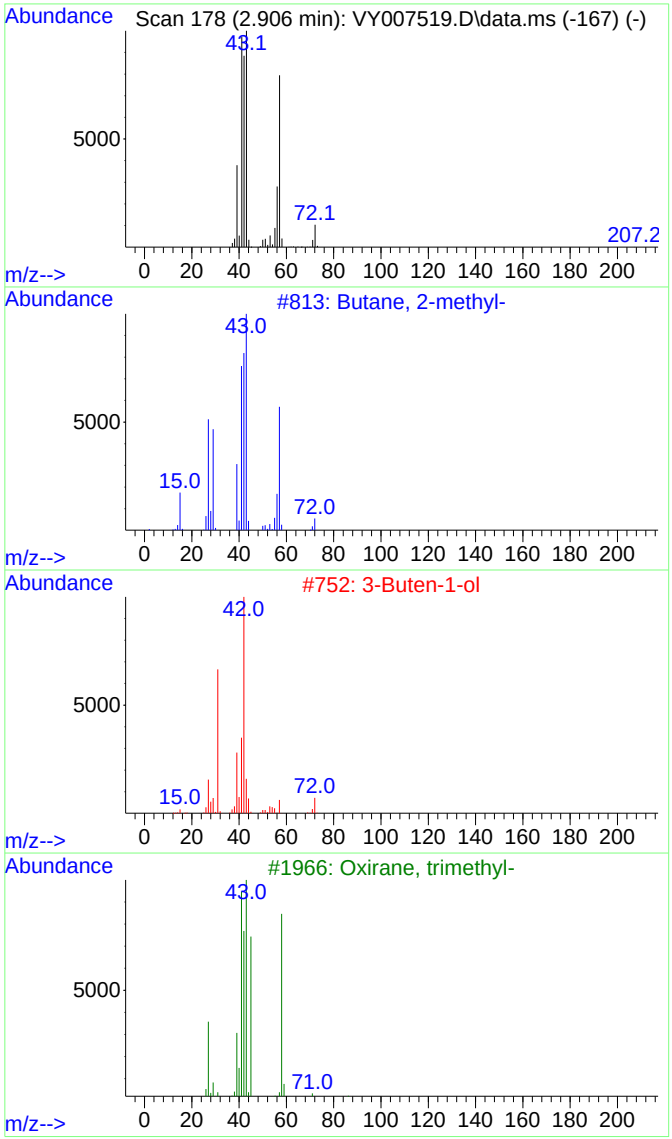
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y021422S.M
Quant Title : SW846 8260

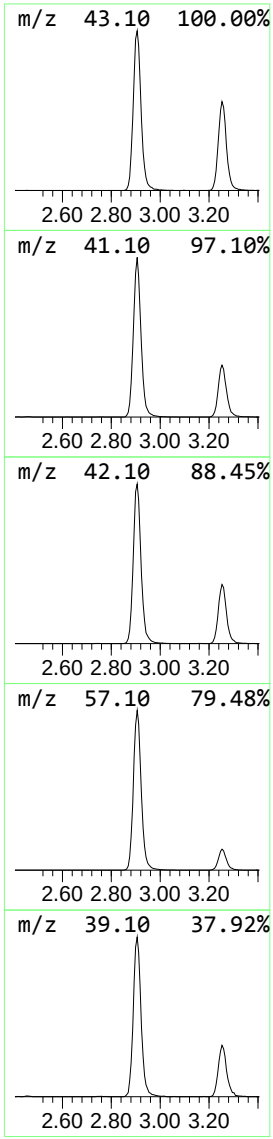
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Butane, 2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.906	128.35 ug/l	1200380	Pentafluorobenzene	7.789

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methyl-	72	C5H12	000078-78-4	86
2	3-Buten-1-ol	72	C4H8O	000627-27-0	43
3	Oxirane, trimethyl-	86	C5H10O	005076-19-7	40
4	Butane, 1-chloro-2-methyl-	106	C5H11Cl	000616-13-7	35
5	Pentane	72	C5H12	000109-66-0	28





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021722\
Data File : VY007519.D
Acq On : 17 Feb 2022 13:54
Operator : SY/MD
Sample : N1465-02
Misc : 6.95g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
A5-2-6.5

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y021422S.M
Quant Title : SW846 8260

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

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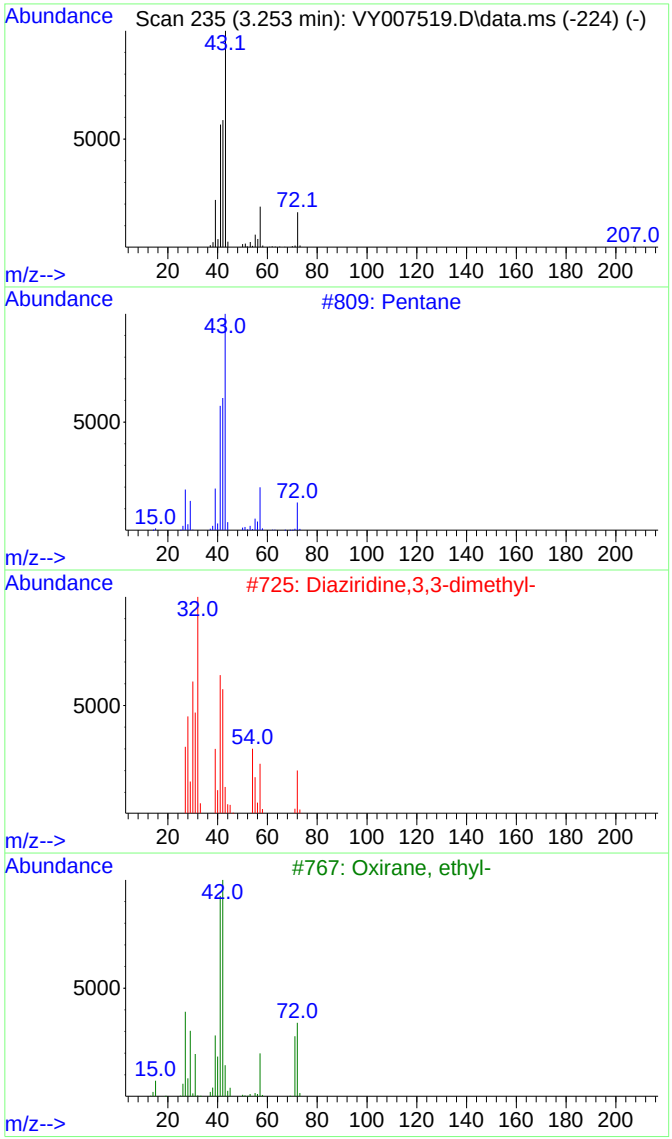
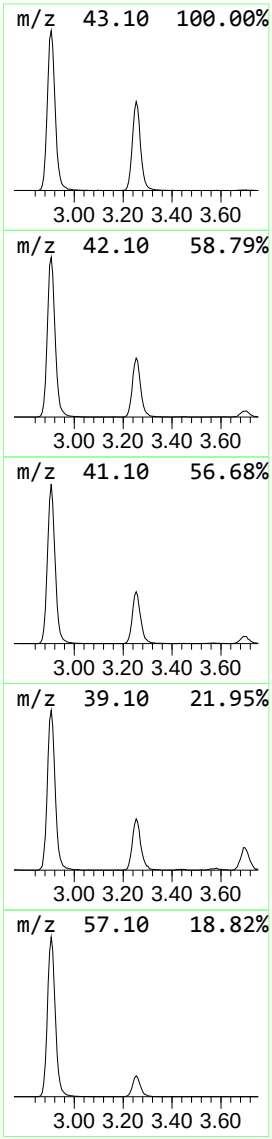
Peak Number 4 Pentane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.253	47.95 ug/l	448486	Pentafluorobenzene	7.789

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane	72	C5H12	000109-66-0	91
2	Diaziridine,3,3-dimethyl-	72	C3H8N2	004901-76-2	42
3	Oxirane, ethyl-	72	C4H8O	000106-88-7	42
4	Isobutylene epoxide	72	C4H8O	000558-30-5	28
5	Propanal, 2-methyl-	72	C4H8O	000078-84-2	25





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021722\
Data File : VY007519.D
Acq On : 17 Feb 2022 13:54
Operator : SY/MD
Sample : N1465-02
Misc : 6.95g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
A5-2-6.5

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y021422S.M
Quant Title : SW846 8260

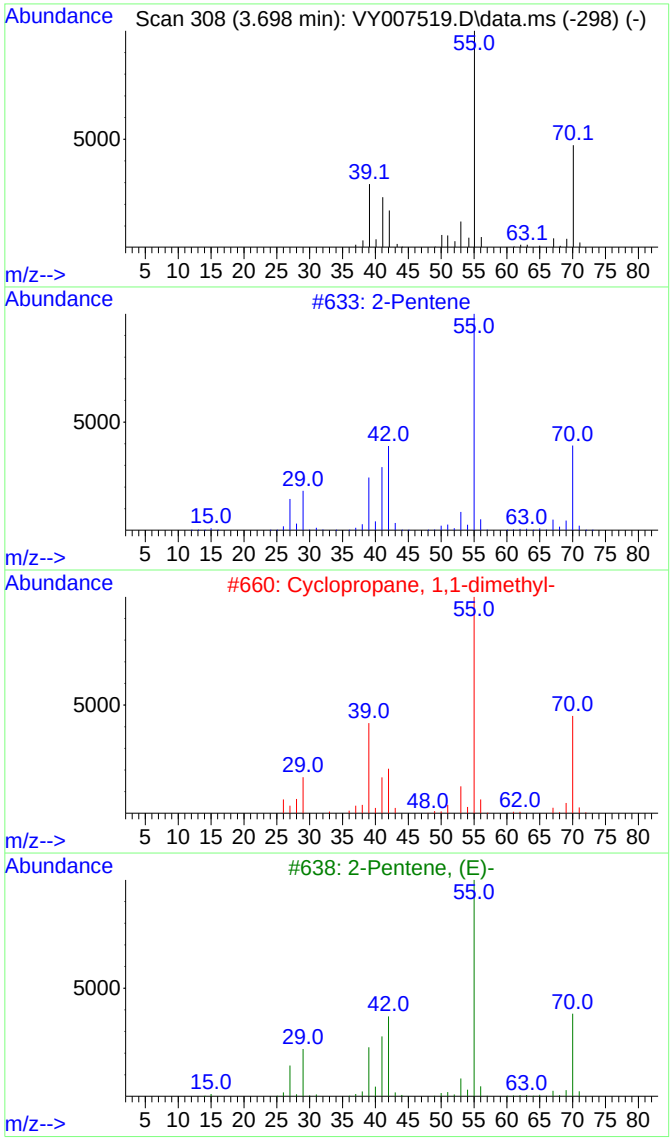
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

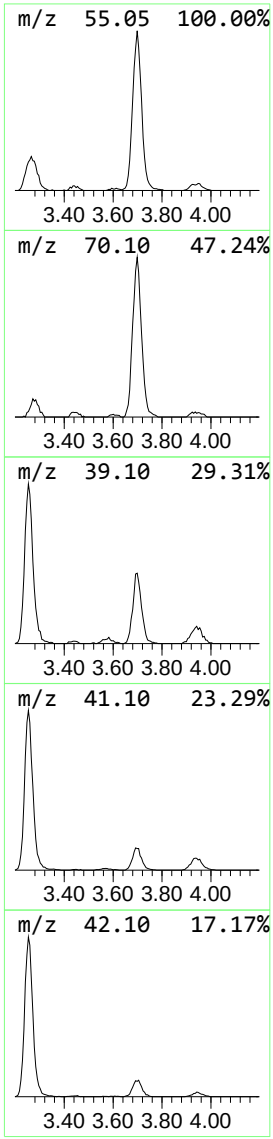
****

Peak Number 5 2-Pentene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.698	15.76 ug/l	147435	Pentafluorobenzene	7.789

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentene	70	C5H10	000109-68-2	86
2	Cyclopropane, 1,1-dimethyl-	70	C5H10	001630-94-0	83
3	2-Pentene, (E)-	70	C5H10	000646-04-8	80
4	2-Butene, 2-methyl-	70	C5H10	000513-35-9	80
5	2-Pentene, (Z)-	70	C5H10	000627-20-3	80





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021722\
Data File : VY007519.D
Acq On : 17 Feb 2022 13:54
Operator : SY/MD
Sample : N1465-02
Misc : 6.95g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
A5-2-6.5

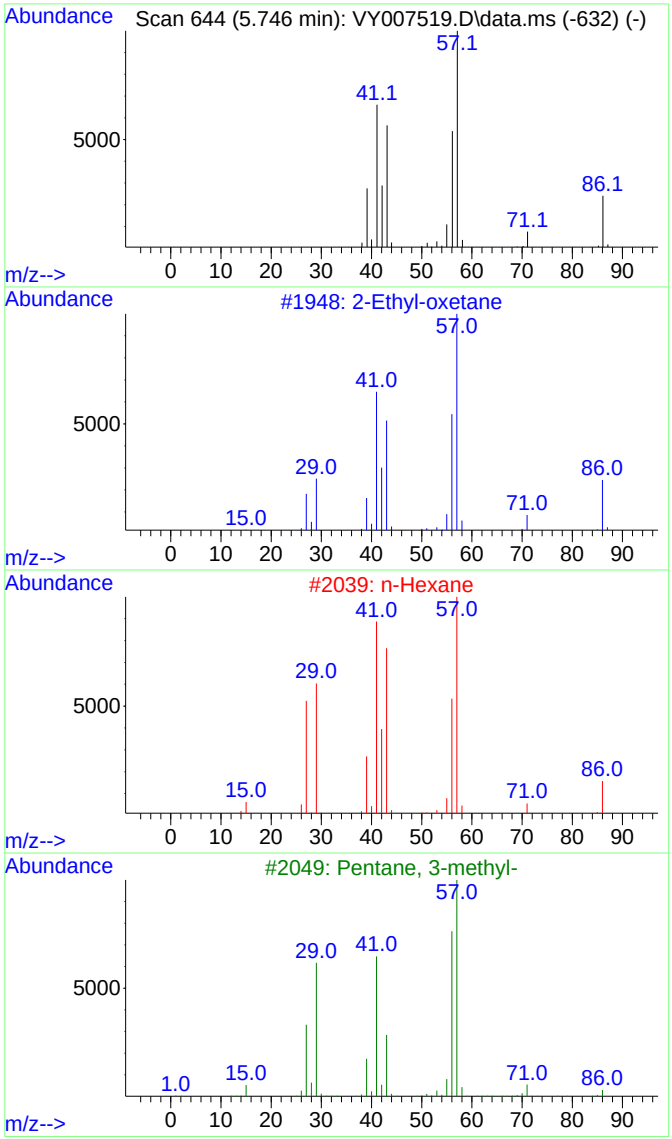
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y021422S.M
Quant Title : SW846 8260

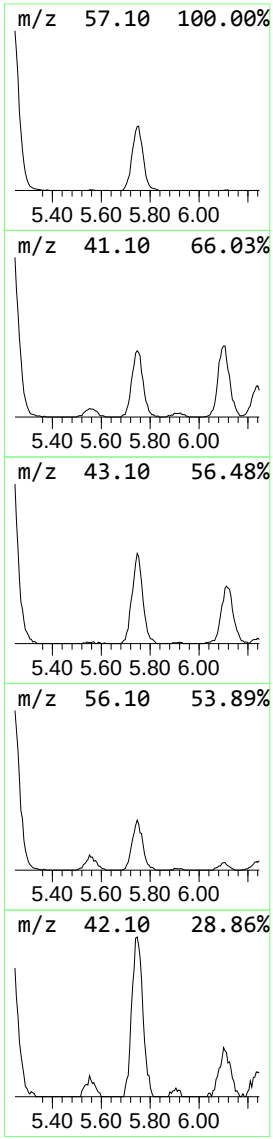
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 2-Ethyl-oxetane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.746	13.57 ug/l	126874	Pentafluorobenzene	7.789

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Ethyl-oxetane	86	C5H10O	1010386-40-2	86
2	n-Hexane	86	C6H14	000110-54-3	78
3	Pentane, 3-methyl-	86	C6H14	000096-14-0	50
4	Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	50
5	Butane, 2,2,3-trimethyl-	100	C7H16	000464-06-2	40





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021722\
Data File : VY007519.D
Acq On : 17 Feb 2022 13:54
Operator : SY/MD
Sample : N1465-02
Misc : 6.95g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
A5-2-6.5

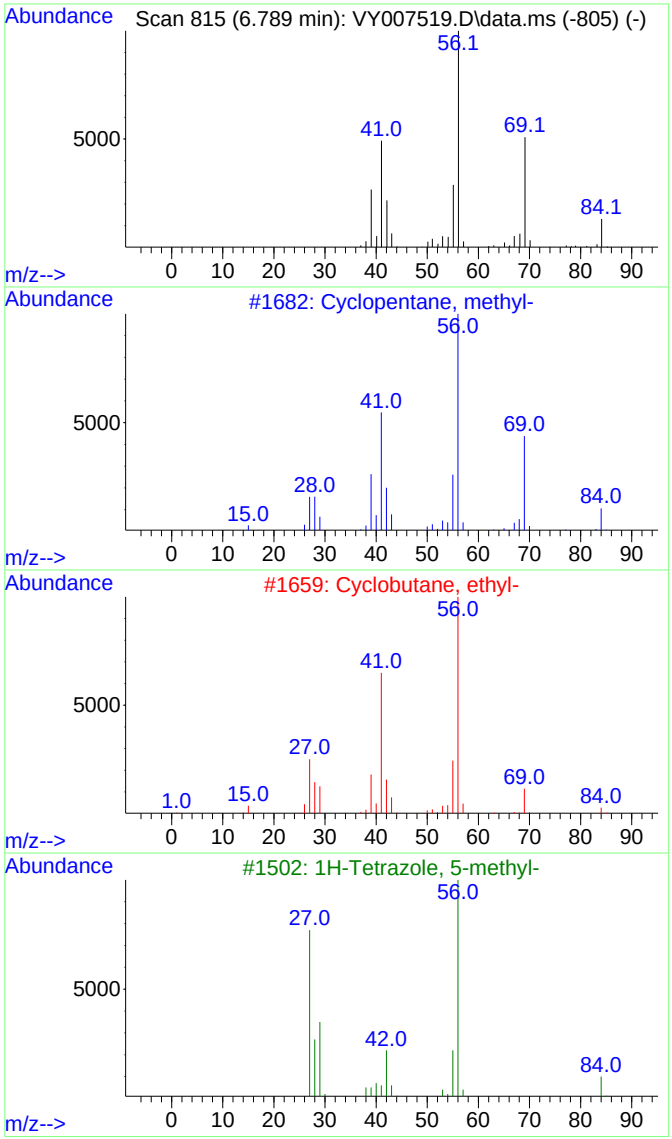
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y021422S.M
Quant Title : SW846 8260

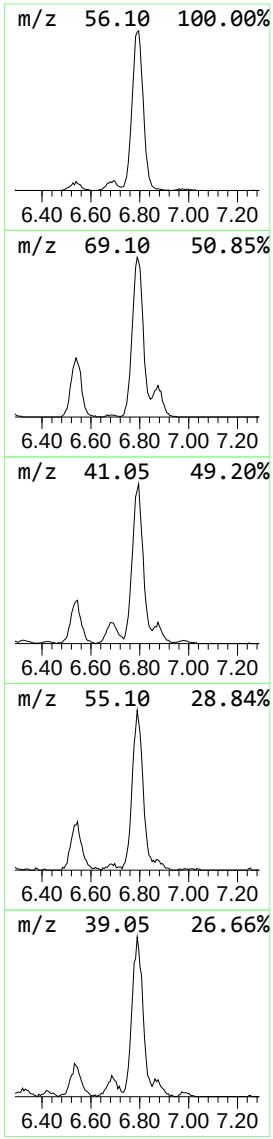
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Cyclopentane, methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.789	42.07 ug/l	393467	Pentafluorobenzene	7.789

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, methyl-	84	C6H12	000096-37-7	91
2	Cyclobutane, ethyl-	84	C6H12	004806-61-5	64
3	1H-Tetrazole, 5-methyl-	84	C2H4N4	004076-36-2	64
4	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	47
5	Cyclobutanecarbonitrile, 3,3-dim...	109	C7H11N	053783-86-1	40





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021722\
Data File : VY007519.D
Acq On : 17 Feb 2022 13:54
Operator : SY/MD
Sample : N1465-02
Misc : 6.95g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
A5-2-6.5

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y021422S.M
Quant Title : SW846 8260

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

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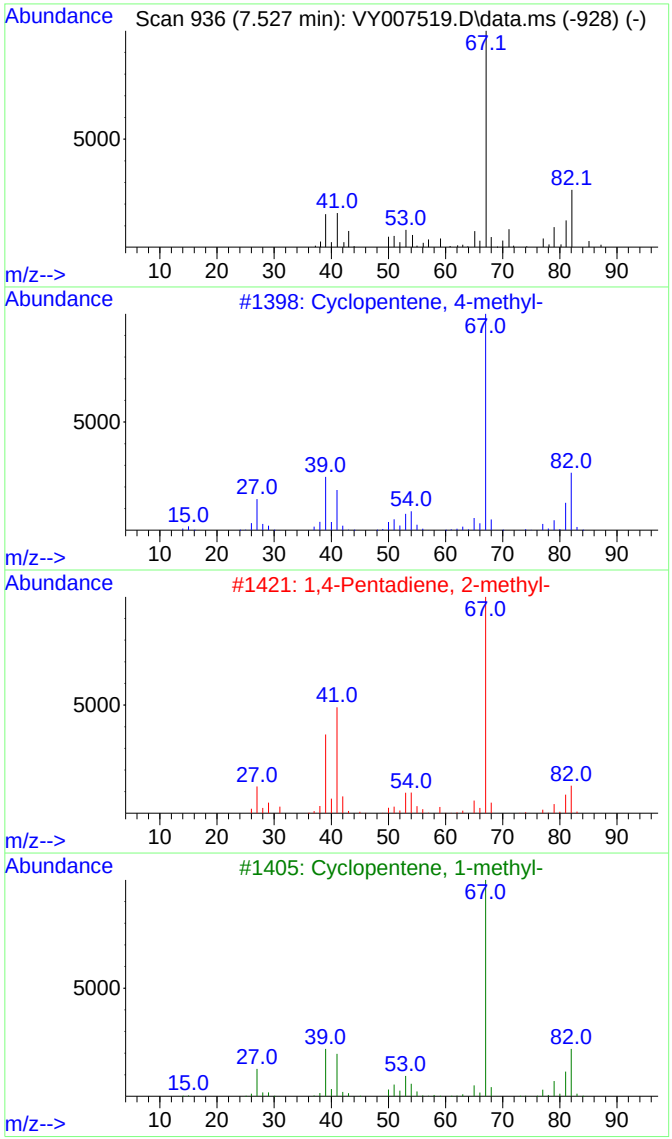
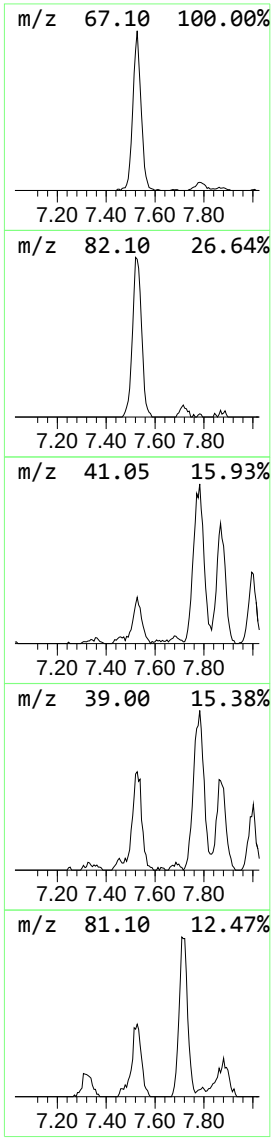
Peak Number 8 Cyclopentene, 4-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.527	11.97 ug/l	111962	Pentafluorobenzene	7.789

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentene, 4-methyl-	82	C6H10	001759-81-5	83
2	1,4-Pentadiene, 2-methyl-	82	C6H10	000763-30-4	80
3	Cyclopentene, 1-methyl-	82	C6H10	000693-89-0	76
4	Cyclopentene, 3-methyl-	82	C6H10	001120-62-3	72
5	Bicyclo[3.1.0]hexane	82	C6H10	000285-58-5	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021722\
Data File : VY007519.D
Acq On : 17 Feb 2022 13:54
Operator : SY/MD
Sample : N1465-02
Misc : 6.95g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
A5-2-6.5

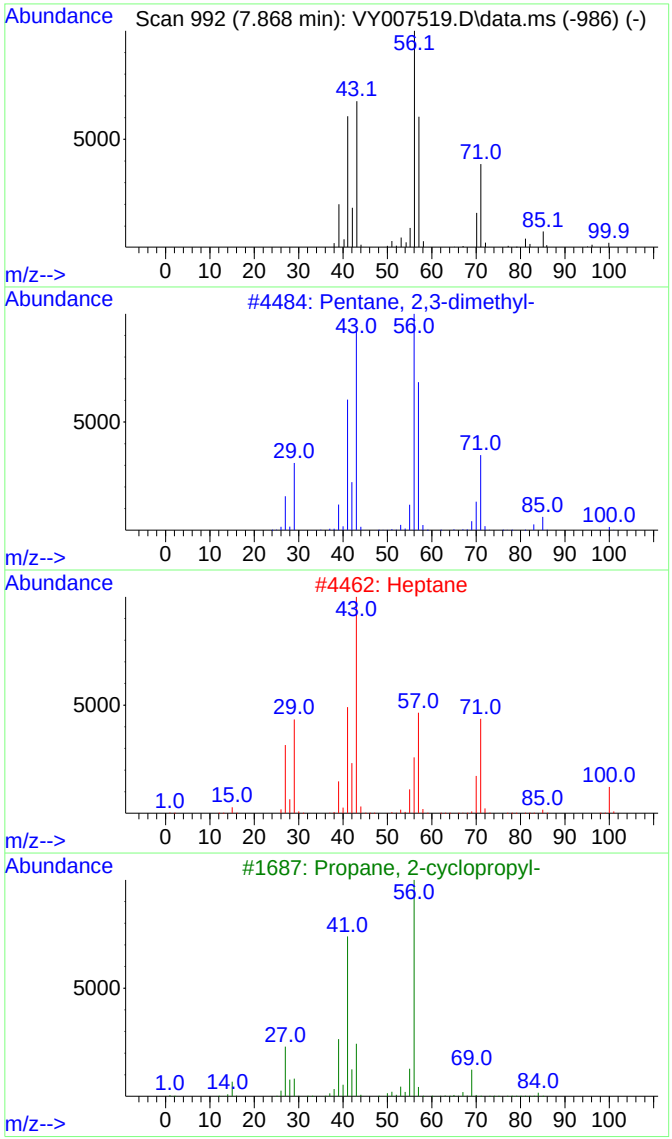
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y021422S.M
Quant Title : SW846 8260

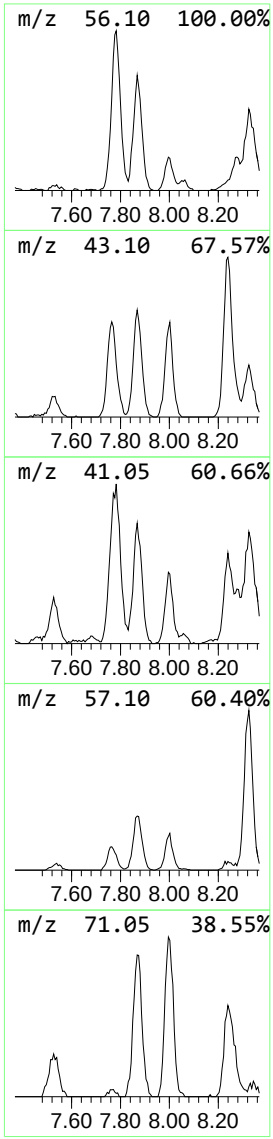
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Pentane, 2,3-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.868	13.77 ug/l	128785	Pentafluorobenzene	7.789

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	91
2	Heptane	100	C7H16	000142-82-5	38
3	Propane, 2-cyclopropyl-	84	C6H12	003638-35-5	37
4	2(3H)-Furanone, dihydro-3,3-dime...	114	C6H10O2	003709-08-8	33
5	Oxirane, (3-methylbutyl)-	114	C7H14O	053229-41-7	32





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021722\
Data File : VY007519.D
Acq On : 17 Feb 2022 13:54
Operator : SY/MD
Sample : N1465-02
Misc : 6.95g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
A5-2-6.5

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y021422S.M
Quant Title : SW846 8260

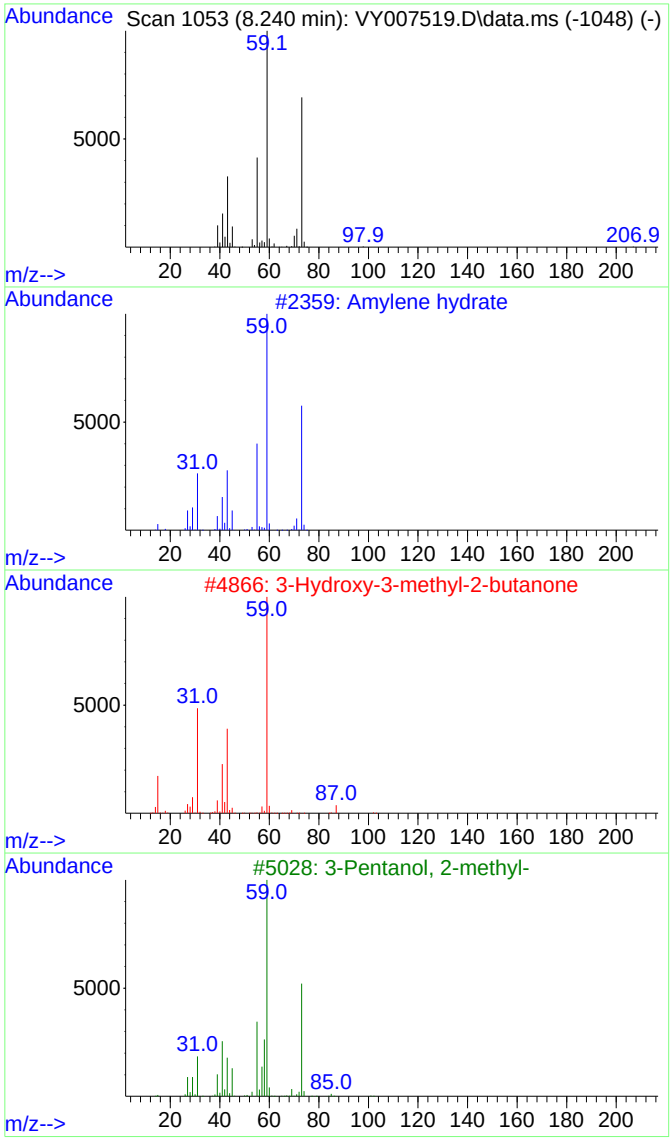
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

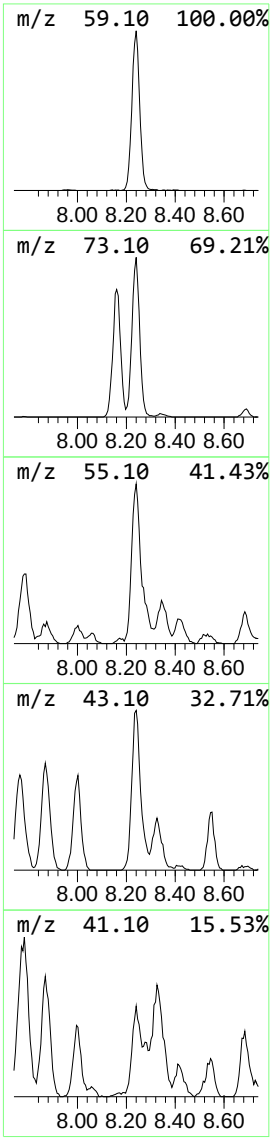
****

Peak Number 10 Amylene hydrate Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.240	33.27 ug/l	311200	Pentafluorobenzene	7.789

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Amylene hydrate	88	C5H12O	000075-85-4	83
2	3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	40
3	3-Pentanol, 2-methyl-	102	C6H14O	000565-67-3	39
4	Silane, trimethyl-	74	C3H10Si	000993-07-7	39
5	3-Hexanol	102	C6H14O	000623-37-0	39





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021722\
Data File : VY007519.D
Acq On : 17 Feb 2022 13:54
Operator : SY/MD
Sample : N1465-02
Misc : 6.95g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
A5-2-6.5

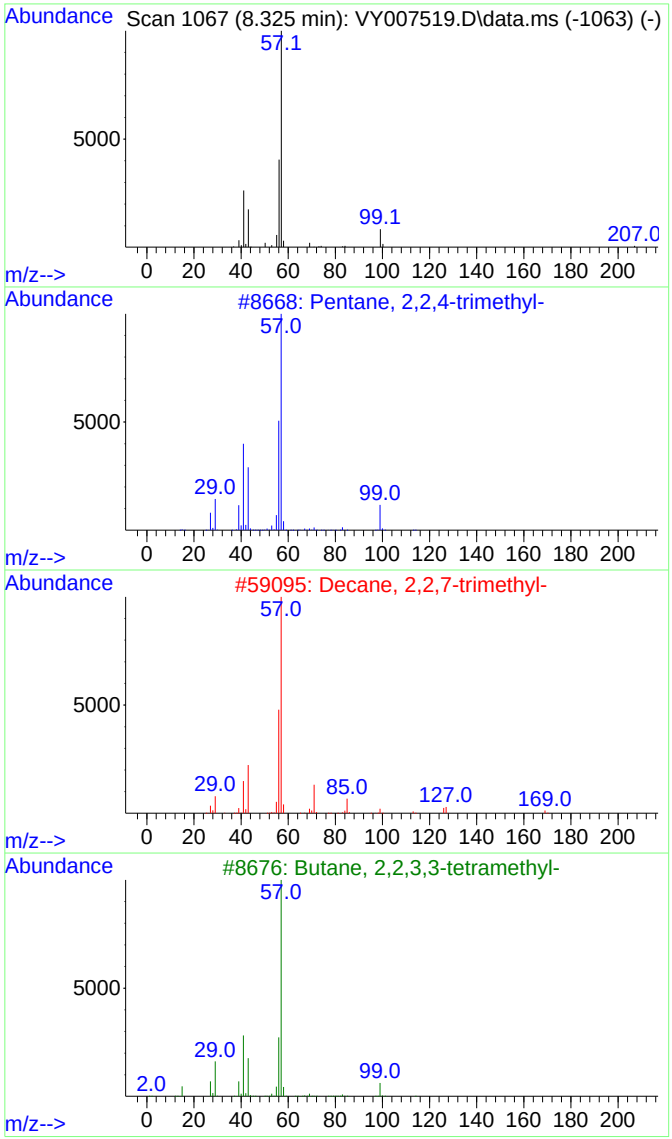
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y021422S.M
Quant Title : SW846 8260

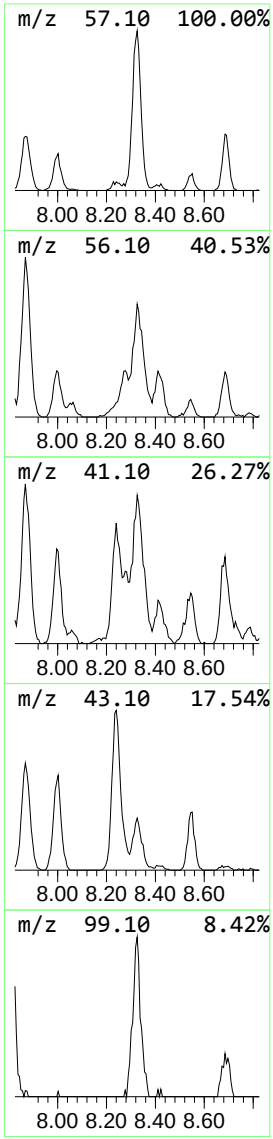
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Pentane, 2,2,4-trimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.325	16.51 ug/l	157790	1,4-Difluorobenzene	8.691

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,2,4-trimethyl-	114	C8H18	000540-84-1	72
2	Decane, 2,2,7-trimethyl-	184	C13H28	062237-99-4	56
3	Butane, 2,2,3,3-tetramethyl-	114	C8H18	000594-82-1	56
4	Hexane, 2,2,5,5-tetramethyl-	142	C10H22	001071-81-4	50
5	Pentane, 2,2,3-trimethyl-	114	C8H18	000564-02-3	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021722\
Data File : VY007519.D
Acq On : 17 Feb 2022 13:54
Operator : SY/MD
Sample : N1465-02
Misc : 6.95g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
A5-2-6.5

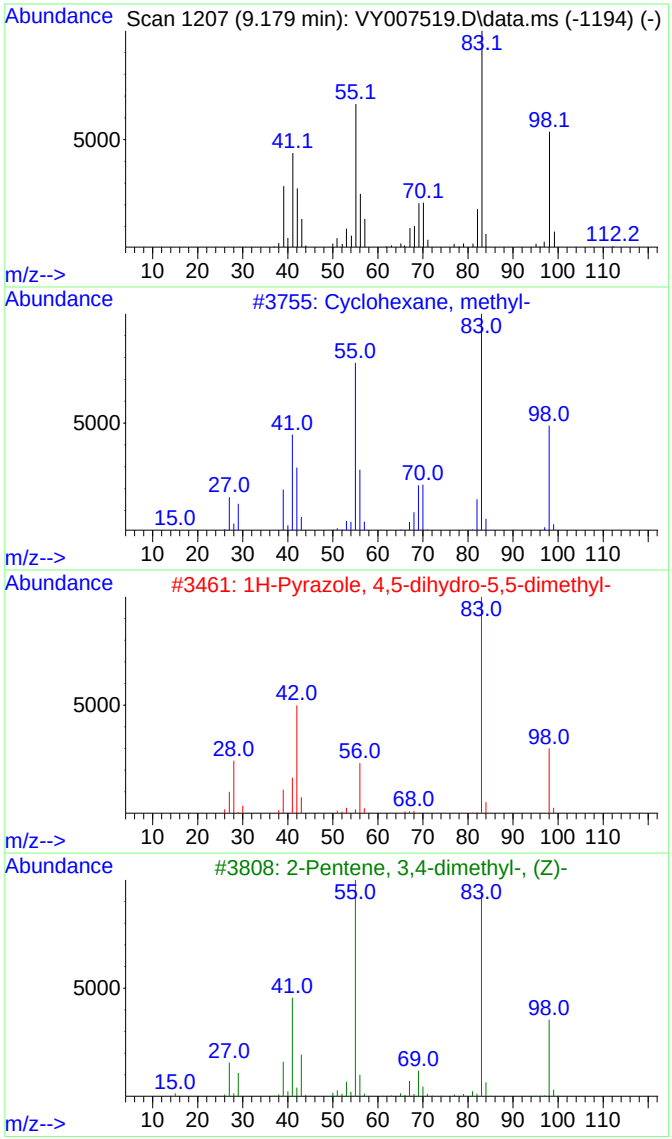
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y021422S.M
Quant Title : SW846 8260

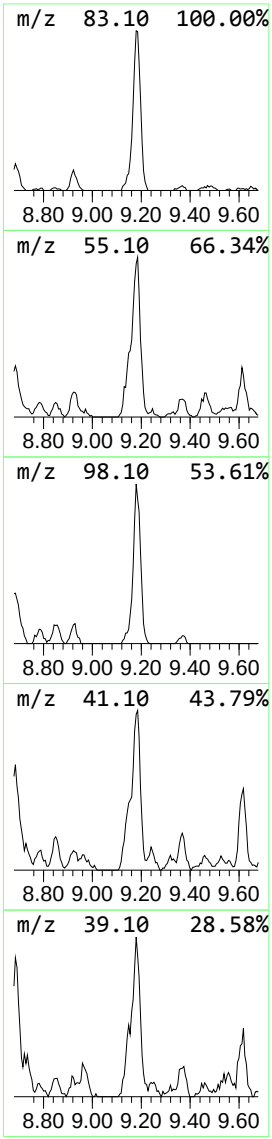
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 1H-Pyrazole, 4,5-dihydro-5,... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.179	18.74 ug/l	179058	1,4-Difluorobenzene	8.691

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, methyl-	98	C7H14	000108-87-2	94
2	1H-Pyrazole, 4,5-dihydro-5,5-dim...	98	C5H10N2	004320-85-8	58
3	2-Pentene, 3,4-dimethyl-, (Z)-	98	C7H14	004914-91-4	53
4	2-Pentene, 4,4-dimethyl-	98	C7H14	026232-98-4	53
5	7-Oxabicyclo[4.1.0]heptane	98	C6H10O	000286-20-4	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021722\
Data File : VY007519.D
Acq On : 17 Feb 2022 13:54
Operator : SY/MD
Sample : N1465-02
Misc : 6.95g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
A5-2-6.5

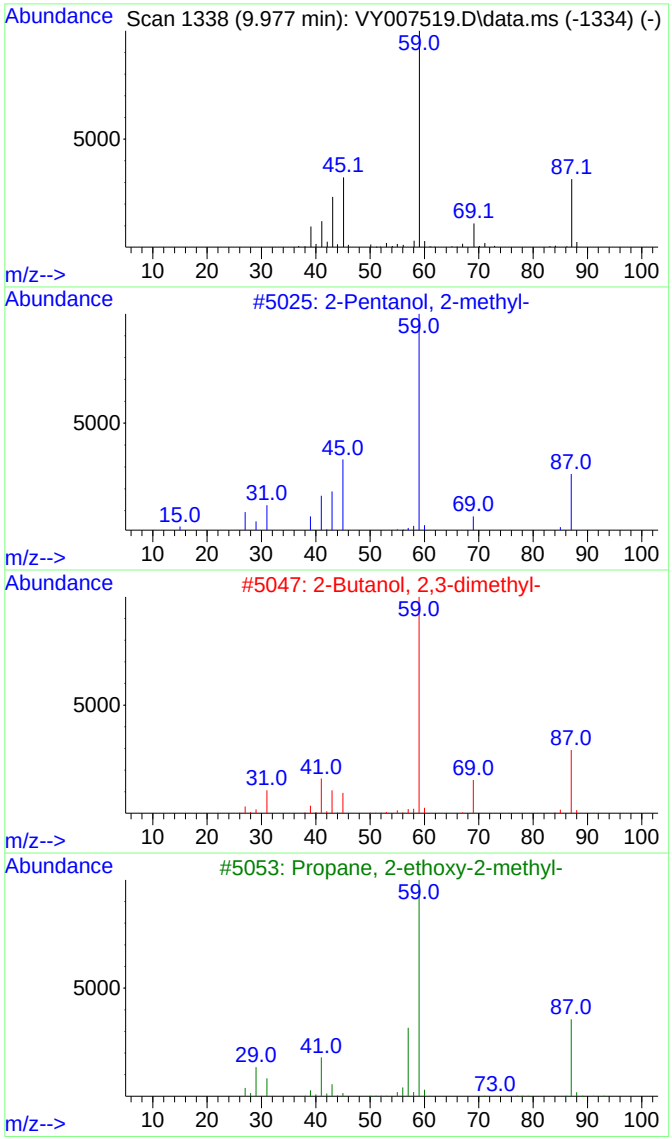
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y021422S.M
Quant Title : SW846 8260

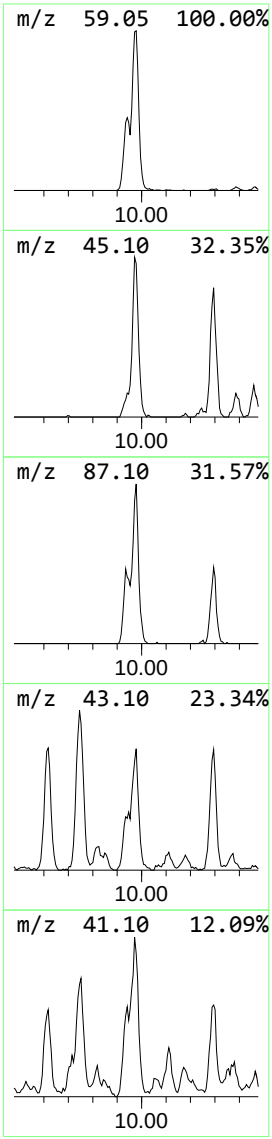
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 2-Pentanol, 2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.977	12.21 ug/l	116699	1,4-Difluorobenzene	8.691

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanol, 2-methyl-	102	C6H14O	000590-36-3	78
2	2-Butanol, 2,3-dimethyl-	102	C6H14O	000594-60-5	50
3	Propane, 2-ethoxy-2-methyl-	102	C6H14O	000637-92-3	45
4	3-Hexanol, 5-methyl-	116	C7H16O	000623-55-2	40
5	2-Octanol, 2,6-dimethyl-	158	C10H22O	018479-57-7	40





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021722\
Data File : VY007519.D
Acq On : 17 Feb 2022 13:54
Operator : SY/MD
Sample : N1465-02
Misc : 6.95g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
A5-2-6.5

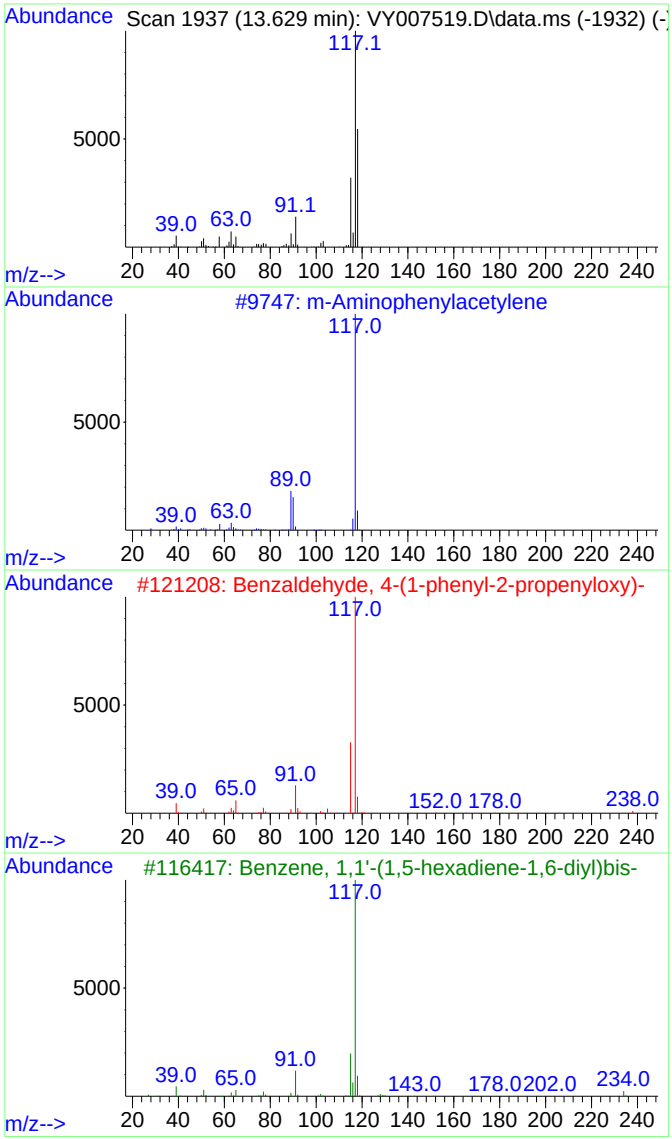
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y021422S.M
Quant Title : SW846 8260

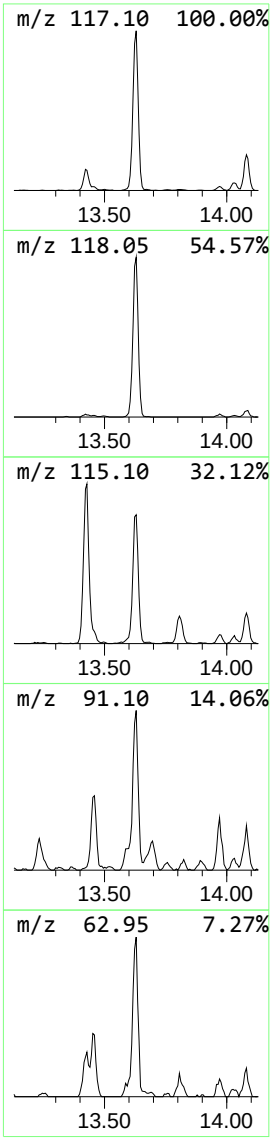
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 unknown13.629 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.629	30.71 ug/l	289569	1,4-Dichlorobenzene-d4	13.428

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	m-Aminophenylacetylene	117	C8H7N	054060-30-9	43
2	Benzaldehyde, 4-(1-phenyl-2-prop...	238	C16H14O2	1000277-56-1	42
3	Benzene, 1,1'-(1,5-hexadiene-1,6...	234	C18H18	004439-45-6	40
4	Benzyl nitrile	117	C8H7N	000140-29-4	37
5	trans-Cinnamyl bromide	196	C9H9Br	026146-77-0	37





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021722\
Data File : VY007519.D
Acq On : 17 Feb 2022 13:54
Operator : SY/MD
Sample : N1465-02
Misc : 6.95g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
A5-2-6.5

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y021422S.M
Quant Title : SW846 8260

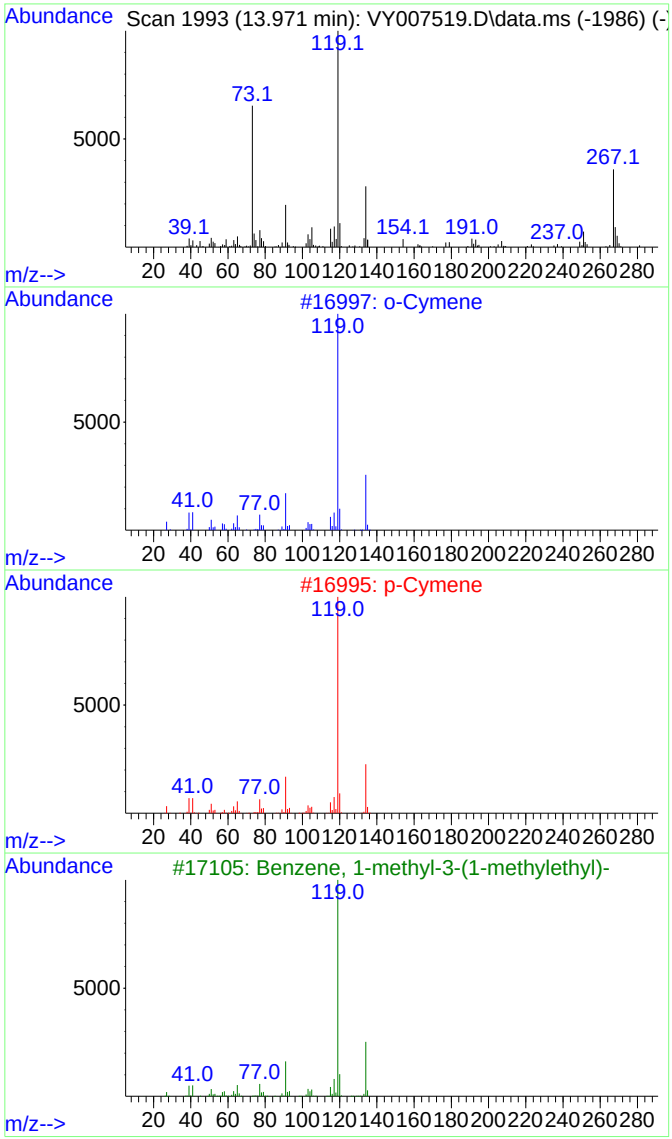
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

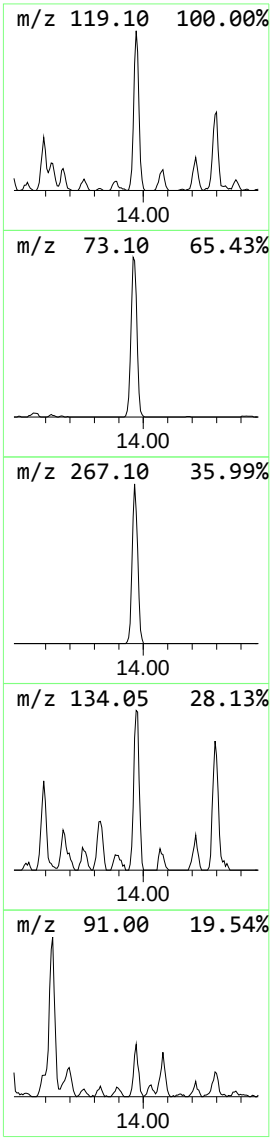
****

Peak Number 15 o-Cymene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.971	14.61 ug/l	137706	1,4-Dichlorobenzene-d4	13.428

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	93
2	p-Cymene	134	C10H14	000099-87-6	93
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	92
4	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	92
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	86





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021722\
Data File : VY007519.D
Acq On : 17 Feb 2022 13:54
Operator : SY/MD
Sample : N1465-02
Misc : 6.95g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
A5-2-6.5

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y021422S.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
Isobutane	2.076	12.3	ug/l	115183	1	7.789	467633	50.0
Butane	2.247	69.0	ug/l	645733	1	7.789	467633	50.0
Butane, 2-methyl-	2.906	128.3	ug/l	1200380	1	7.789	467633	50.0
Pentane	3.253	48.0	ug/l	448486	1	7.789	467633	50.0
2-Pentene	3.698	15.8	ug/l	147435	1	7.789	467633	50.0
2-Ethyl-oxetane	5.746	13.6	ug/l	126874	1	7.789	467633	50.0
Cyclopentane, m...	6.789	42.1	ug/l	393467	1	7.789	467633	50.0
Cyclopentene, 4...	7.527	12.0	ug/l	111962	1	7.789	467633	50.0
Pentane, 2,3-di...	7.868	13.8	ug/l	128785	1	7.789	467633	50.0
Amylene hydrate	8.240	33.3	ug/l	311200	1	7.789	467633	50.0
Pentane, 2,2,4-...	8.325	16.5	ug/l	157790	2	8.691	477848	50.0
1H-Pyrazole, 4,...	9.179	18.7	ug/l	179058	2	8.691	477848	50.0
2-Pentanol, 2-m...	9.977	12.2	ug/l	116699	2	8.691	477848	50.0
unknown13.629	13.629	30.7	ug/l	289569	4	13.428	471385	50.0
o-Cymene	13.971	14.6	ug/l	137706	4	13.428	471385	50.0