LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062922\
Data File : VY009373.D
Acq On : 29 Jun 2022 14:58
Operator : KP/MD
Sample : N3499-03
Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
BUR-1206

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\82Y062822S.M
Title : SW846 8260

Signal : TIC: VY009373.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.381	86	92	101	rVB	17257	30103	3.03%	0.771%
2	3.820	320	328	339	rVV	8906	23578	2.37%	0.604%
3	3.942	339	348	358	rVB	6730	19386	1.95%	0.497%
4	4.704	464	473	481	rBV4	4920	16851	1.69%	0.432%
5	5.741	629	643	657	rBV3	17563	52998	5.33%	1.357%
6	6.692	789	799	810	rBV3	18791	55545	5.58%	1.423%
7	6.978	834	846	855	rBV3	10225	33180	3.34%	0.850%
8	7.710	956	966	972	rBV2	33684	81239	8.17%	2.081%
9	7.783	972	978	989	rVB	72552	159578	16.04%	4.087%
10	8.136	1028	1036	1049	rVB	37798	86308	8.68%	2.210%
11	8.685	1119	1126	1136	rVB	109686	213371	21.45%	5.465%
12	9.258	1212	1220	1228	rBV	126362	233196	23.44%	5.973%
13	10.069	1347	1353	1359	rBV2	5519	10035	1.01%	0.257%
14	10.173	1363	1370	1376	rBV	134651	232516	23.37%	5.955%
15	10.240	1376	1381	1387	rVB	45519	76103	7.65%	1.949%
16	10.349	1395	1399	1405	rVB4	5928	9996	1.00%	0.256%
17	10.484	1412	1421	1428	rBV6	5041	13956	1.40%	0.357%
18	10.569	1430	1435	1447	rBV3	3425	10229	1.03%	0.262%
19	10.929	1487	1494	1504	rBV	639053	994866	100.00%	25.480%
20	11.490	1578	1586	1594	rBV	168469	278681	28.01%	7.137%
21	11.587	1597	1602	1610	rVB2	8615	14228	1.43%	0.364%
22	11.697	1613	1620	1623	rBV2	21682	40780	4.10%	1.044%
23	12.026	1669	1674	1682	rVB2	12030	20378	2.05%	0.522%
24	12.203	1697	1703	1709	rBV2	31312	47191	4.74%	1.209%
25	12.477	1741	1748	1757	rBV2	98615	165641	16.65%	4.242%
26	12.733	1785	1790	1793	rBV2	8640	12878	1.29%	0.330%
27	12.806	1798	1802	1807	rVV5	7511	11098	1.12%	0.284%
28	12.965	1823	1828	1834	rBV4	27241	41220	4.14%	1.056%
29	13.117	1848	1853	1859	rVB	17042	23714	2.38%	0.607%
30	13.270	1867	1878	1883	rBV3	28432	46742	4.70%	1.197%
31	13.422	1897	1903	1914	rVB	155367	246905	24.82%	6.324%
32	13.623	1925	1936	1939	rBV3	11759	21174	2.13%	0.542%
33	13.733	1950	1954	1960	rVB6	7821	13553	1.36%	0.347%
34	13.965	1986	1992	1998	rVB4	13515	29095	2.92%	0.745%
35	14.081	2006	2011	2018	rBV5	9049	14383	1.45%	0.368%
36	14.202	2025	2031	2038	rVB4	25197	48302	4.86%	1.237%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062922\
Data File : VY009373.D
Acq On : 29 Jun 2022 14:58
Operator : KP/MD
Sample : N3499-03
Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
BUR-1206

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\82Y062822S.M
Title : SW846 8260

37	14.330	2049	2052	2057	rVB2	10099	13332	1.34%	0.341%
38	14.562	2086	2090	2095	rBV4	13281	22291	2.24%	0.571%
39	14.684	2102	2110	2115	rBV4	28888	61575	6.19%	1.577%
40	14.830	2128	2134	2142	rBV2	30661	49131	4.94%	1.258%
41	14.946	2148	2153	2155	rBV4	6110	11008	1.11%	0.282%
42	14.977	2155	2158	2165	rVV4	7879	15656	1.57%	0.401%
43	15.056	2165	2171	2178	rVB6	10434	23513	2.36%	0.602%
44	15.233	2194	2200	2205	rVB	8275	15710	1.58%	0.402%
45	15.294	2205	2210	2214	rBV2	14132	24870	2.50%	0.637%
46	15.355	2214	2220	2225	rVV7	5722	15059	1.51%	0.386%
47	15.525	2241	2248	2253	rBV3	10520	18724	1.88%	0.480%
48	15.727	2276	2281	2289	rVB2	39132	70196	7.06%	1.798%
49	15.897	2300	2309	2313	rBV6	5391	13063	1.31%	0.335%
50	16.037	2324	2332	2340	rVB3	21366	41904	4.21%	1.073%
51	16.226	2352	2363	2368	rBV3	14430	31553	3.17%	0.808%
52	16.287	2369	2373	2380	rBV3	13387	24865	2.50%	0.637%
53	16.489	2398	2406	2412	rBV6	8960	23039	2.32%	0.590%

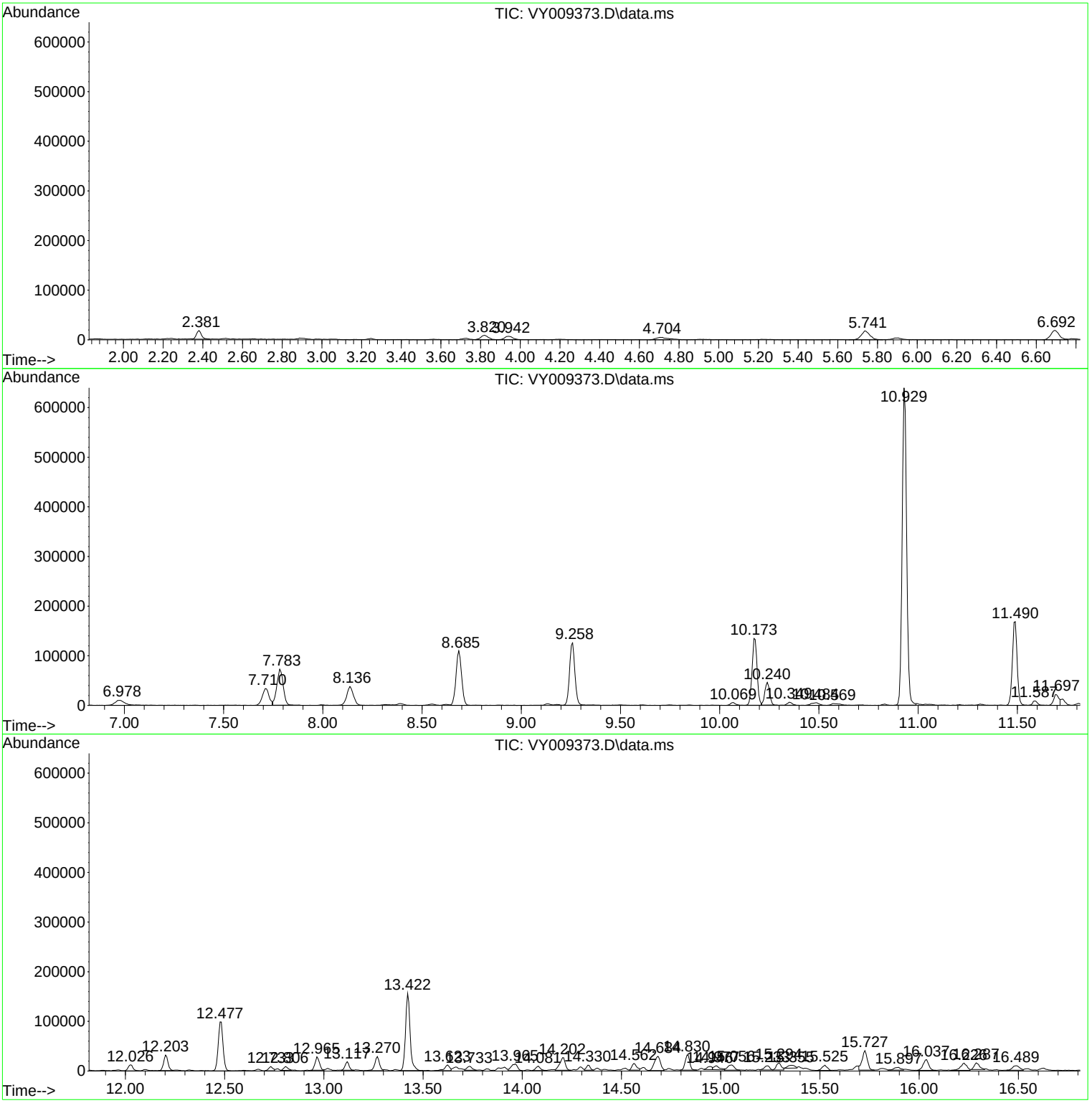
Sum of corrected areas: 3904486

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062922\
Data File : VY009373.D
Acq On : 29 Jun 2022 14:58
Operator : KP/MD
Sample : N3499-03
Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
BUR-1206

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062822S.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062922\
Data File : VY009373.D
Acq On : 29 Jun 2022 14:58
Operator : KP/MD
Sample : N3499-03
Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
BUR-1206

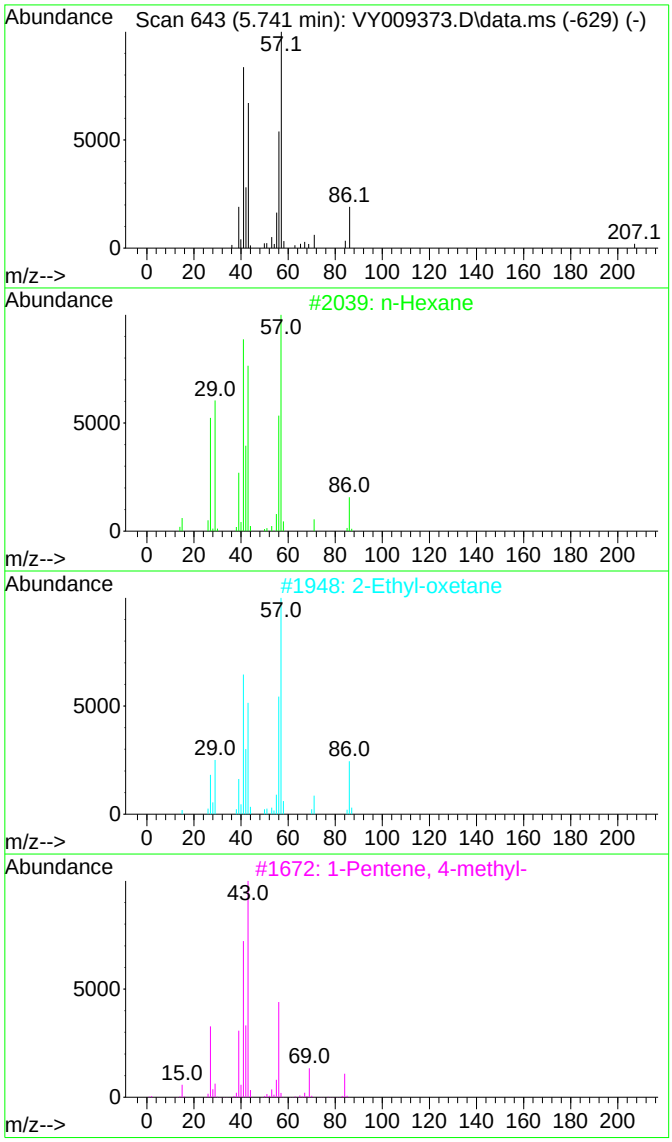
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062822S.M
Quant Title : SW846 8260

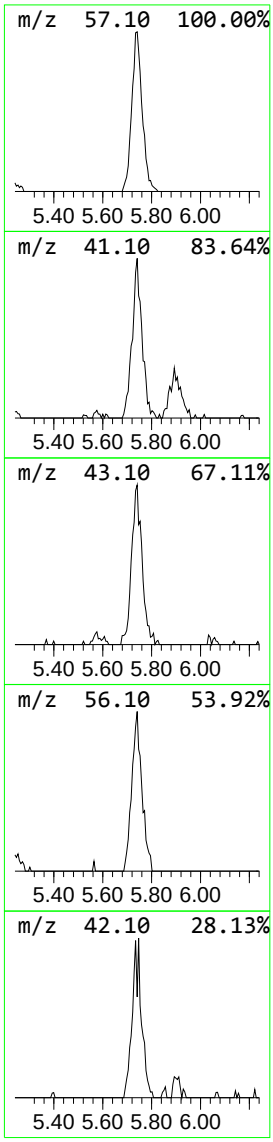
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 n-Hexane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.741	16.61 ug/l	52998	Pentafluorobenzene	7.783

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexane	86	C6H14	000110-54-3	72
2	2-Ethyl-oxetane	86	C5H10O	1010386-40-2	72
3	1-Pentene, 4-methyl-	84	C6H12	000691-37-2	47
4	Cyclopropane, propyl-	84	C6H12	002415-72-7	43
5	Butanal, 2-methyl-	86	C5H10O	000096-17-3	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062922\
Data File : VY009373.D
Acq On : 29 Jun 2022 14:58
Operator : KP/MD
Sample : N3499-03
Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
BUR-1206

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062822S.M
Quant Title : SW846 8260

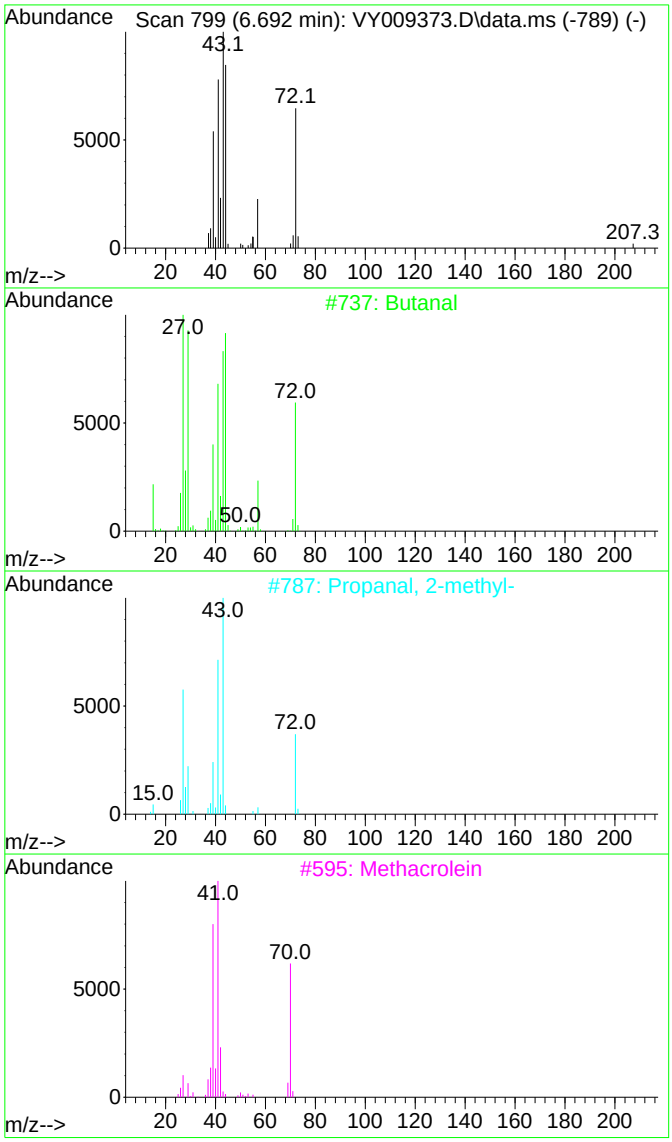
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

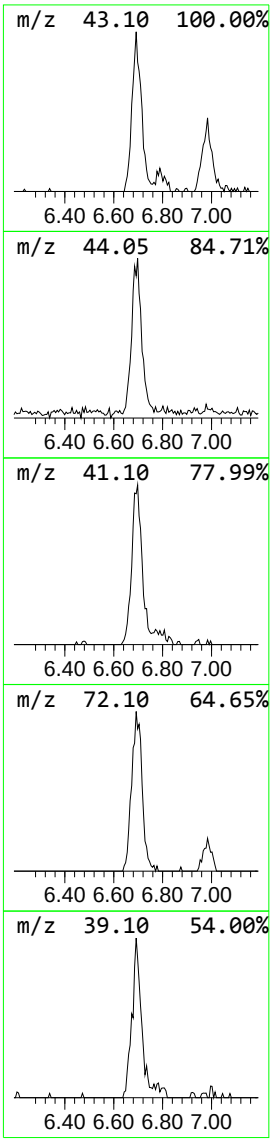
****

Peak Number 2 Butanal Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.692	17.40 ug/l	55545	Pentafluorobenzene	7.783

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanal	72	C4H8O	000123-72-8	91
2	Propanal, 2-methyl-	72	C4H8O	000078-84-2	38
3	Methacrolein	70	C4H6O	000078-85-3	27
4	2-Propen-1-ol, 2-methyl-, acetate	114	C6H10O2	000820-71-3	17
5	1-Propene, 3-methoxy-	72	C4H8O	000627-40-7	16





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062922\
Data File : VY009373.D
Acq On : 29 Jun 2022 14:58
Operator : KP/MD
Sample : N3499-03
Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
BUR-1206

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062822S.M
Quant Title : SW846 8260

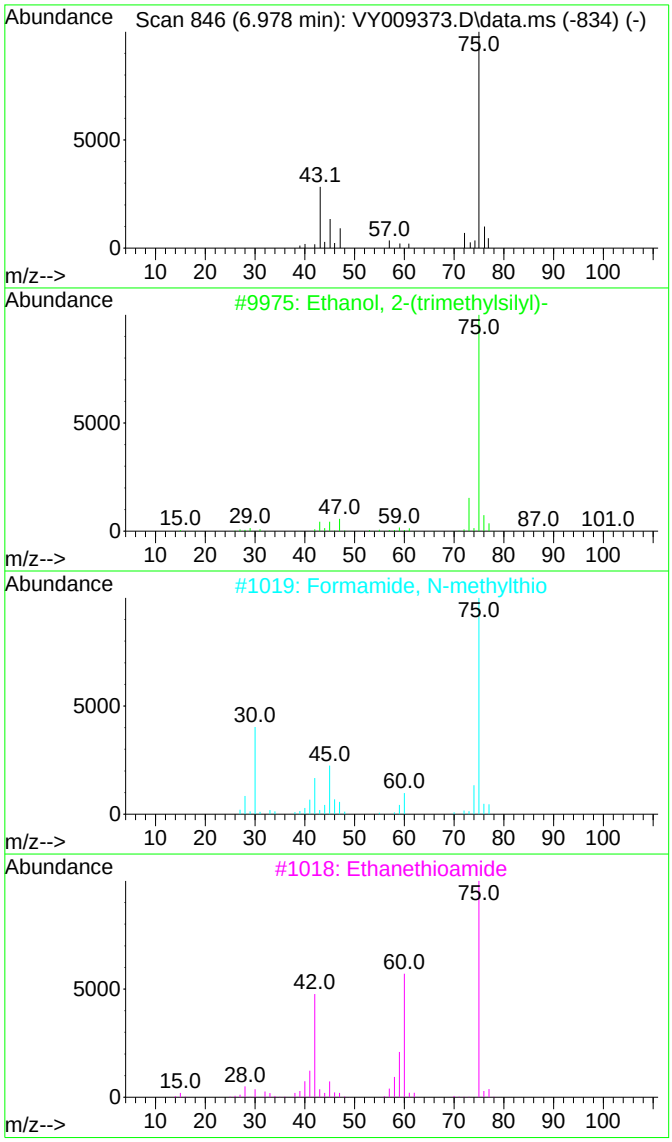
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

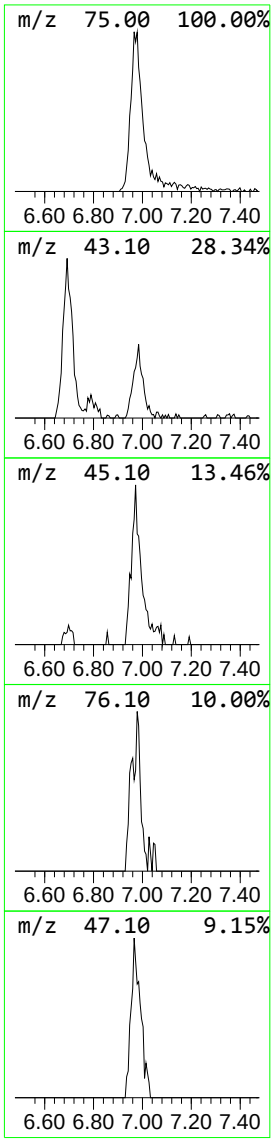
****

Peak Number 3 unknown6.978 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.978	10.40 ug/l	33180	Pentafluorobenzene	7.783

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(trimethylsilyl)-	118	C5H14OSi	002916-68-9	40
2	Formamide, N-methylthio	75	C2H5NS	018952-41-5	39
3	Ethanethioamide	75	C2H5NS	000062-55-5	9
4	Mercaptamine	77	C2H7NS	000060-23-1	9
5	Silanol, trimethyl-	90	C3H10OSi	001066-40-6	9





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062922\
Data File : VY009373.D
Acq On : 29 Jun 2022 14:58
Operator : KP/MD
Sample : N3499-03
Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
BUR-1206

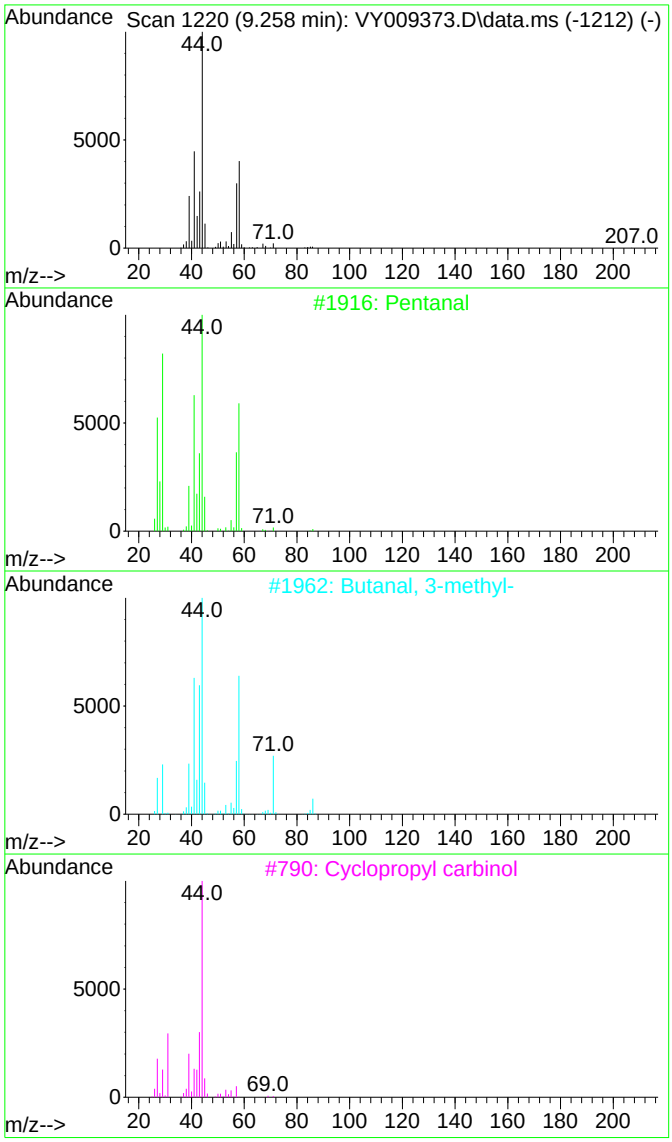
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062822S.M
Quant Title : SW846 8260

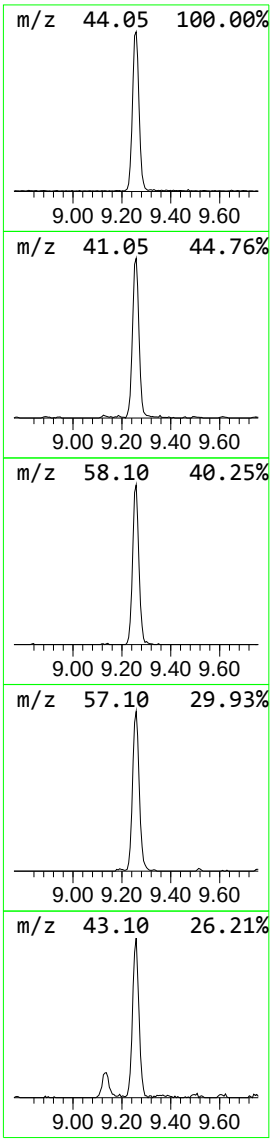
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Pentanal Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.258	54.65 ug/l	233196	1,4-Difluorobenzene	8.685

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentanal	86	C5H10O	000110-62-3	91
2	Butanal, 3-methyl-	86	C5H10O	000590-86-3	83
3	Cyclopropyl carbinol	72	C4H8O	002516-33-8	33
4	2-Propanamine	59	C3H9N	000075-31-0	9
5	Butane, 2-nitro-	103	C4H9NO2	000600-24-8	9





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062922\
Data File : VY009373.D
Acq On : 29 Jun 2022 14:58
Operator : KP/MD
Sample : N3499-03
Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
BUR-1206

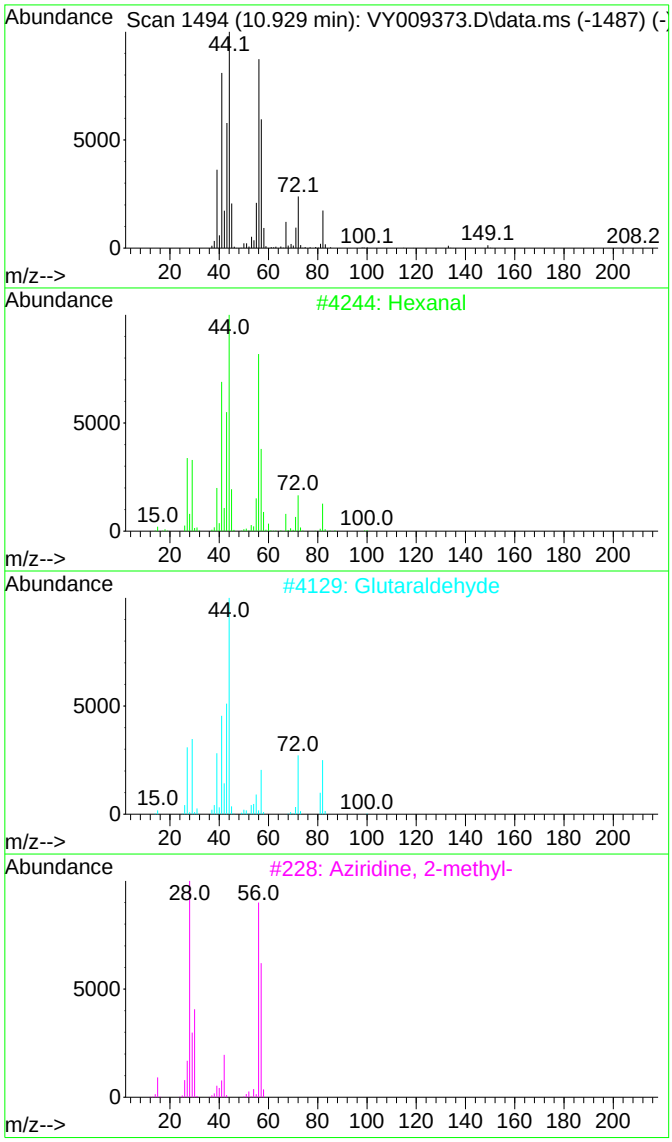
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062822S.M
Quant Title : SW846 8260

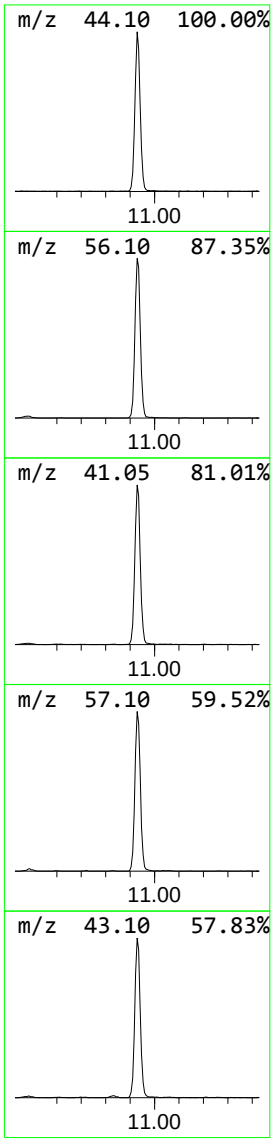
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Hexanal Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.929	178.50 ug/l	994866	Chlorobenzene-d5	11.490

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanal	100	C6H12O	000066-25-1	91
2	Glutaraldehyde	100	C5H8O2	000111-30-8	43
3	Aziridine, 2-methyl-	57	C3H7N	000075-55-8	27
4	2,2-Dimethyl-3-hydroxypropionald...	102	C5H10O2	000597-31-9	23
5	1-Hexene, 5-methyl-	98	C7H14	003524-73-0	12





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062922\
Data File : VY009373.D
Acq On : 29 Jun 2022 14:58
Operator : KP/MD
Sample : N3499-03
Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
BUR-1206

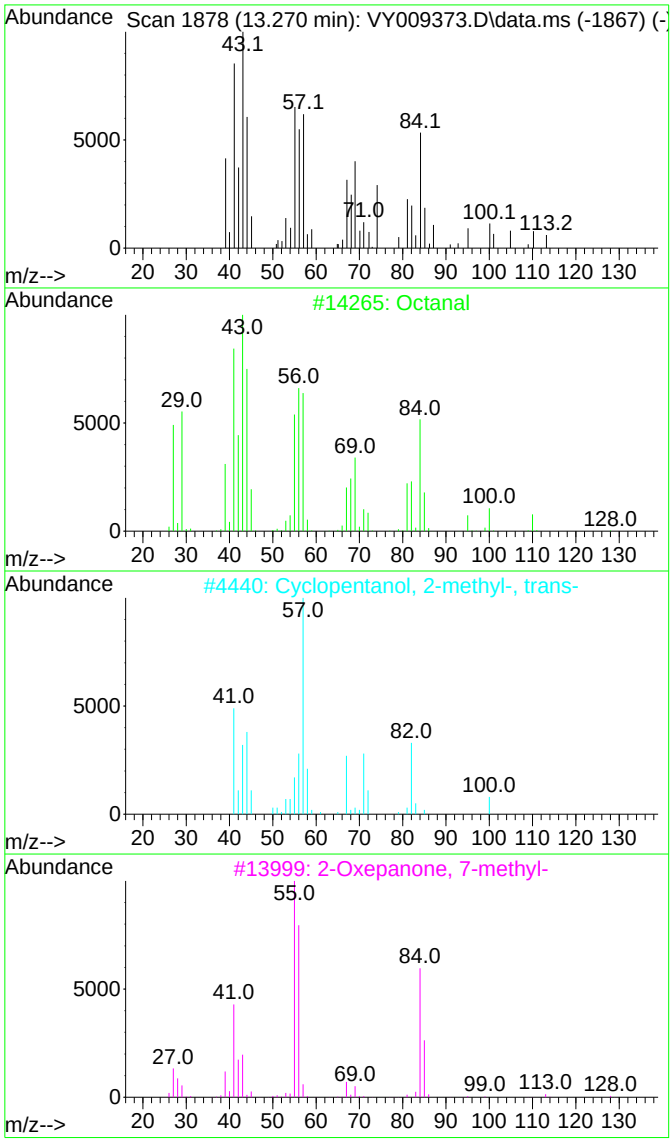
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062822S.M
Quant Title : SW846 8260

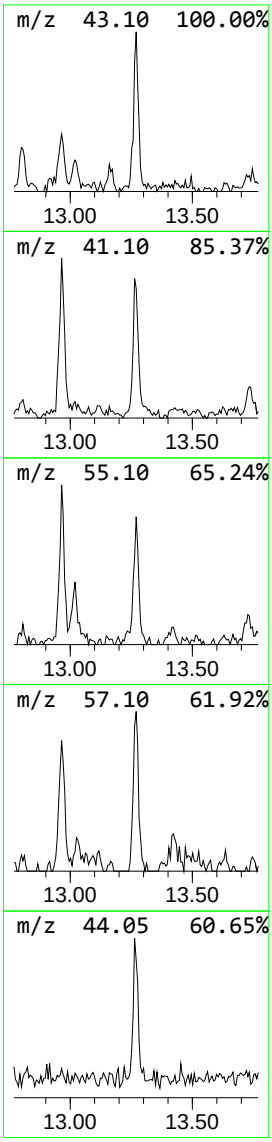
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Octanal Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.270	9.47 ug/l	46742	1,4-Dichlorobenzene-d4	13.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octanal	128	C8H16O	000124-13-0	83
2	Cyclopentanol, 2-methyl-, trans-	100	C6H12O	025144-04-1	30
3	2-Oxepanone, 7-methyl-	128	C7H12O2	002549-59-9	27
4	1-Silacyclo-3-pentene	84	C4H8Si	007049-25-4	27
5	Butane, 1-(ethenyloxy)-	100	C6H12O	000111-34-2	25





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062922\
Data File : VY009373.D
Acq On : 29 Jun 2022 14:58
Operator : KP/MD
Sample : N3499-03
Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
BUR-1206

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062822S.M
Quant Title : SW846 8260

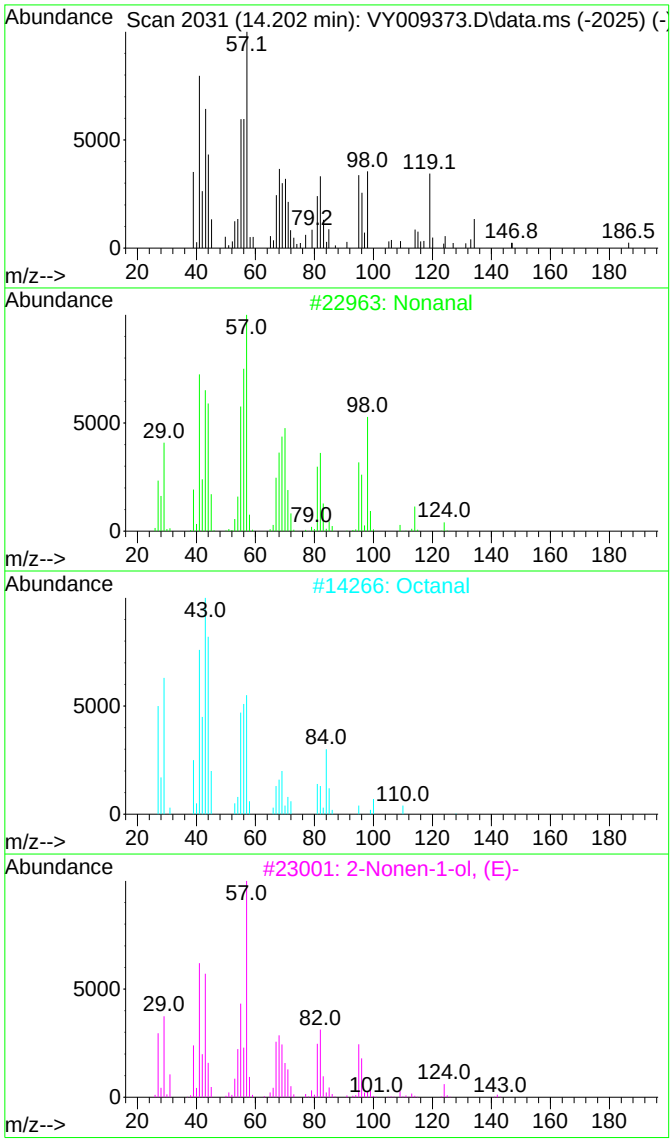
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

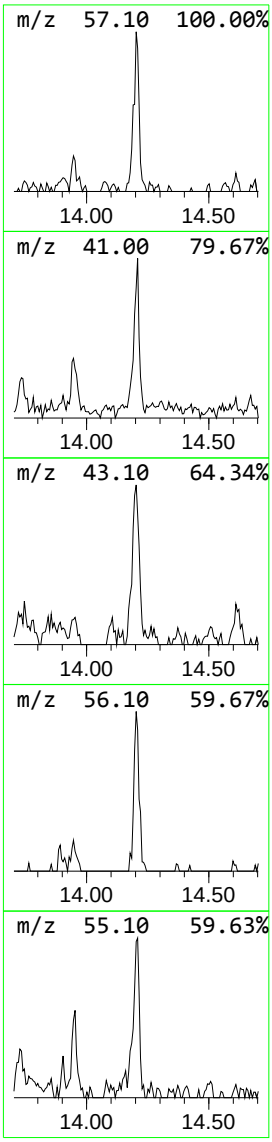
****

Peak Number 7 Nonanal Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.203	9.78 ug/l	48302	1,4-Dichlorobenzene-d4	13.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonanal	142	C9H18O	000124-19-6	64
2	Octanal	128	C8H16O	000124-13-0	27
3	2-Nonen-1-ol, (E)-	142	C9H18O	031502-14-4	22
4	2-Azacyclooctanone	127	C7H13NO	000673-66-5	22
5	2-Heptene	98	C7H14	000592-77-8	15





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062922\
Data File : VY009373.D
Acq On : 29 Jun 2022 14:58
Operator : KP/MD
Sample : N3499-03
Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
BUR-1206

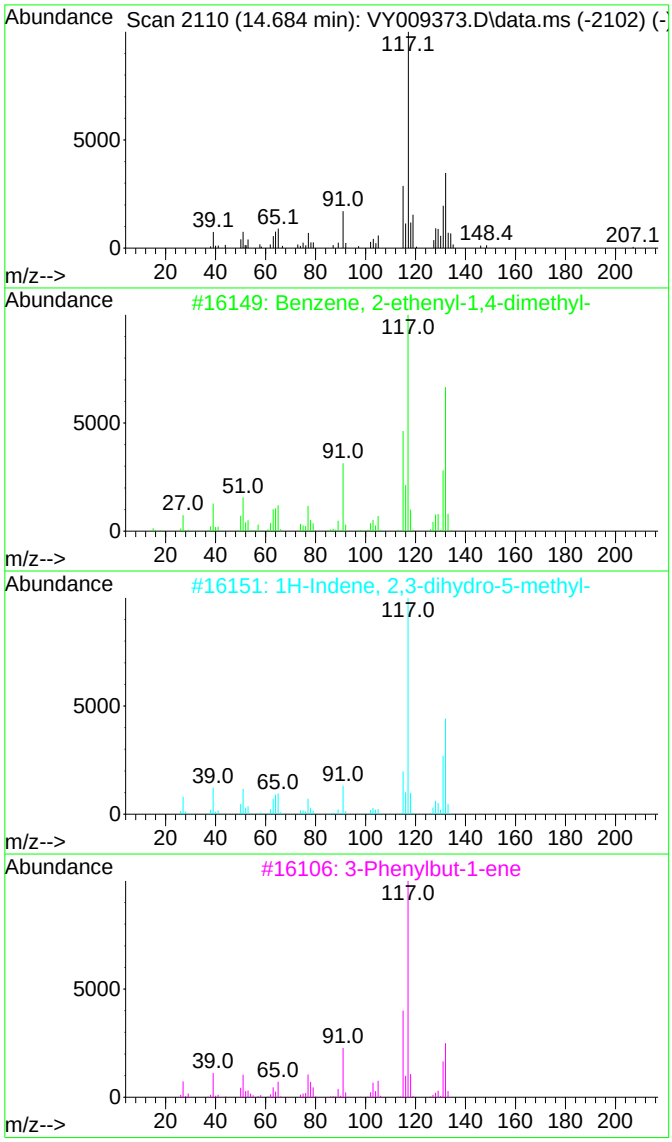
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062822S.M
Quant Title : SW846 8260

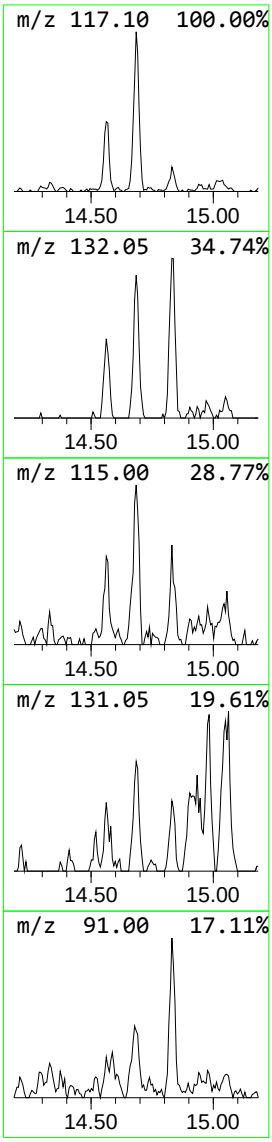
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.684	12.47 ug/l	61575	1,4-Dichlorobenzene-d4	13.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	92
2	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	87
3	3-Phenylbut-1-ene	132	C10H12	000934-10-1	87
4	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	76
5	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062922\
Data File : VY009373.D
Acq On : 29 Jun 2022 14:58
Operator : KP/MD
Sample : N3499-03
Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
BUR-1206

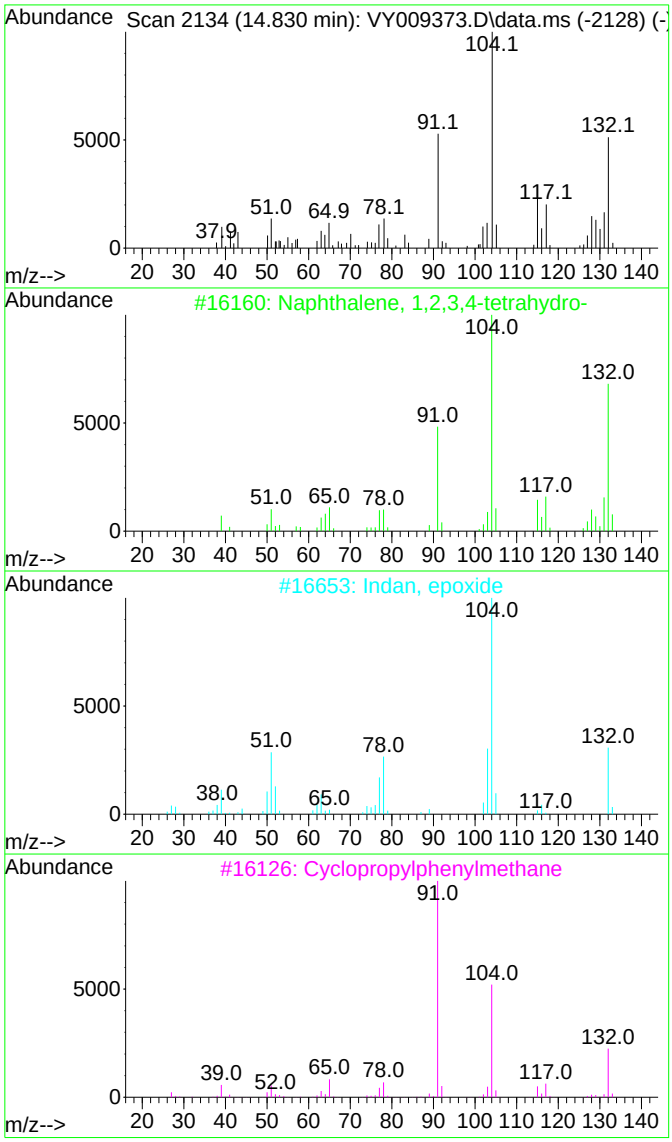
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062822S.M
Quant Title : SW846 8260

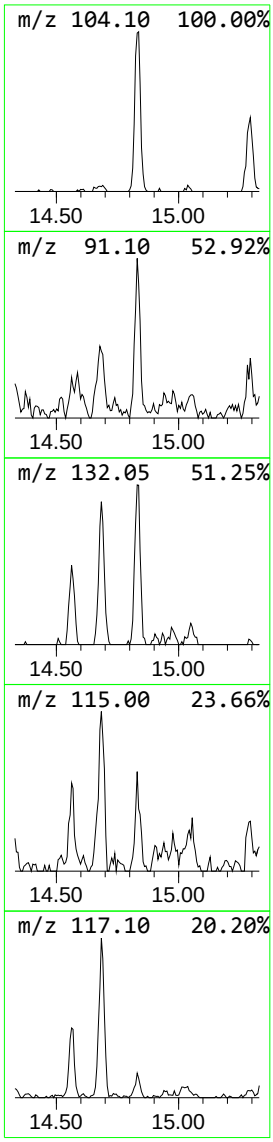
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.830	9.95 ug/l	49131	1,4-Dichlorobenzene-d4	13.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	81
2	Indan, epoxide	132	C9H8O	000768-22-9	60
3	Cyclopropylphenylmethane	132	C10H12	001667-00-1	53
4	1H-Inden-1-one, 2,3-dihydro-	132	C9H8O	000083-33-0	47
5	2H-Inden-2-one, 1,3-dihydro-	132	C9H8O	000615-13-4	47





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062922\
Data File : VY009373.D
Acq On : 29 Jun 2022 14:58
Operator : KP/MD
Sample : N3499-03
Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
BUR-1206

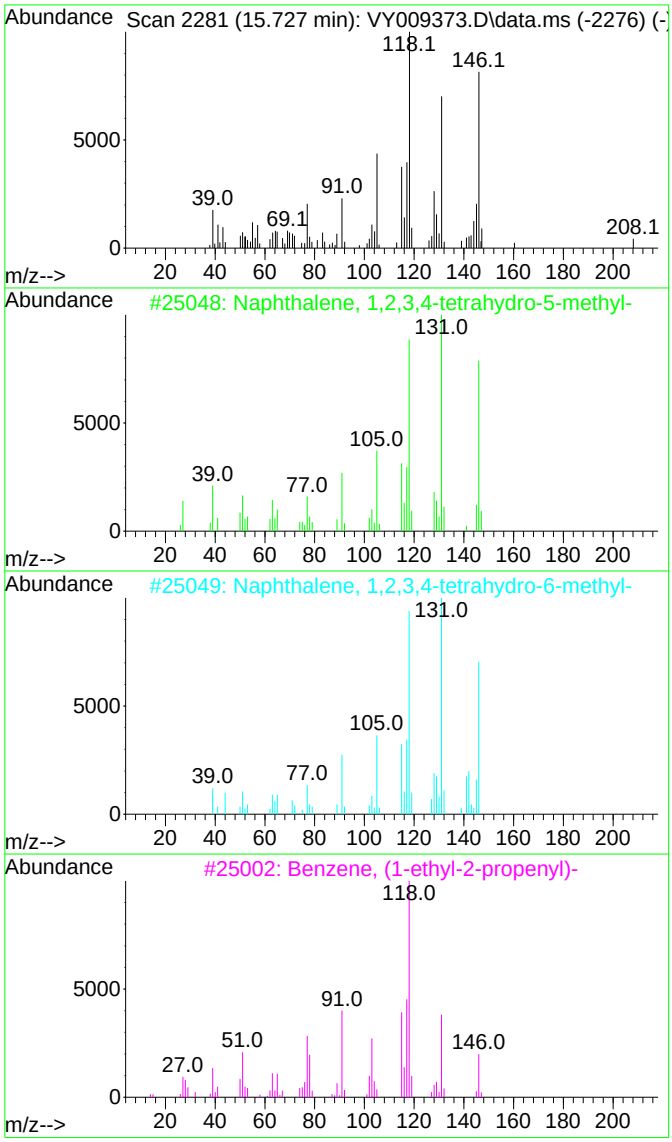
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062822S.M
Quant Title : SW846 8260

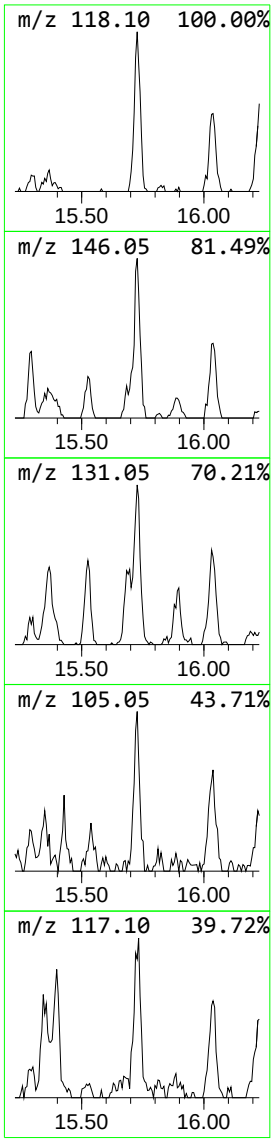
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.727	14.22 ug/l	70196	1,4-Dichlorobenzene-d4	13.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	93
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	93
3	Benzene, (1-ethyl-2-propenyl)-	146	C11H14	019947-22-9	81
4	1H-Indol-4-ylmethylamine	146	C9H10N2	003468-18-6	49
5	2(1H)-Quinazolinone	146	C8H6N2O	007471-58-1	49





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062922\
Data File : VY009373.D
Acq On : 29 Jun 2022 14:58
Operator : KP/MD
Sample : N3499-03
Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
BUR-1206

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062822S.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
n-Hexane	5.741	16.6	ug/l	52998	1	7.783	159578	50.0
Butanal	6.692	17.4	ug/l	55545	1	7.783	159578	50.0
unknown6.978	6.978	10.4	ug/l	33180	1	7.783	159578	50.0
Pentanal	9.258	54.6	ug/l	233196	2	8.685	213371	50.0
Hexanal	10.929	178.5	ug/l	994866	3	11.490	278681	50.0
Octanal	13.270	9.5	ug/l	46742	4	13.422	246905	50.0
Nonanal	14.203	9.8	ug/l	48302	4	13.422	246905	50.0
Benzene, 2-ethe...	14.684	12.5	ug/l	61575	4	13.422	246905	50.0
Naphthalene, 1,...	14.830	9.9	ug/l	49131	4	13.422	246905	50.0
Naphthalene, 1,...	15.727	14.2	ug/l	70196	4	13.422	246905	50.0